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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 04983.0159.NPUS01/38-21(15877)B	
		First Named Inventor or Application Identifier BYRUM	
		Title	Nucleic Acid Molecules and Other Molecules Associated with Plants
		Express Mail Label No.	
<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents</small>		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <small>(Submit an original and a duplicate for fee processing)</small>		6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Specification [Total Pages 1616] <small>(preferred arrangement set forth below)</small> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claims - Abstract of the Disclosure		7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> a. <input checked="" type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies	
3. <input type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets ]		<b>ACCOMPANYING APPLICATION PARTS</b> 8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 10. <input type="checkbox"/> English Translation Document (if applicable) 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <small>(should be specifically itemized)</small> 14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input checked="" type="checkbox"/> Other: Petition to Suspend Sequence Rules	
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NAME		June E. Cohan HOWREY SIMON ARNOLD & WHITE, LLP	
ADDRESS		Box No. 34 1299 Pennsylvania Avenue, N.W.	
CITY	Washington	STATE	DC
COUNTRY	US	TELEPHONE	202-783-0800
		ZIP CODE	20004-2402
		FAX	202-383-7195
Name (Print/Type)	David R. Marsh/June E. Cohan		Registration No. (Attorney/Agent)
Signature			41,408/43,741
			Date June 28, 2000

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June 28, 2000

Assistant Commissioner for Patents  
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*Box Patent Application*

Re: U.S. Non-Provisional Utility Patent Application  
Application No.: To Be Assigned  
Filed: Herewith  
Title: Nucleic Acid Molecules and Other  
Molecules Associated with Plants  
Inventor: Joseph R. BYRUM  
Atty. Dkt. No.: 04983.0159.NPUS01/38-21(15877)B

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The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. U.S. Utility Patent Application entitled:

**Nucleic Acid Molecules and Other Molecules Associated with Plants**

and naming as inventor:

**Joseph R. BYRUM,**

the application consisting of:

- a. A specification containing:
  - (i) 1,612 pages of a description prior to the claims;
  - (ii) 3 pages of claims (19 claims); and
  - (iii) a one (1) page abstract;
3. A CD-ROM containing the sequence listing;
4. Petition to Suspend Sequence Rules (in duplicate);

The PTO did not receive the following  
listed item(s) 2 part card, received  
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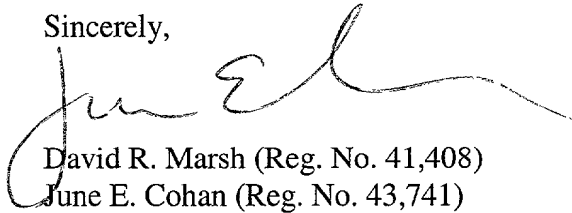


5. Our Check No. 330583 in the amount of \$130.00 to cover the petition fee; and
6. Two (2) return postcards.

This application is being filed without an executed Declaration, and without payment of official fees.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Sincerely,



David R. Marsh (Reg. No. 41,408)

June E. Cohan (Reg. No. 43,741)

Enclosures

# NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH PLANTS

## Field of the Invention

The present invention is in the field of plant genetics. More specifically the invention relates to nucleic acid molecules and nucleic acid molecules that contain markers, in particular, single nucleotide polymorphism (SNP) and repetitive element markers. In addition, the present invention provides nucleic acid molecules having regulatory elements or encoding proteins or fragments thereof. The invention also relates to proteins and fragments of proteins so encoded and antibodies capable of binding the proteins. The invention also relates to methods of using the nucleic acid molecules, markers, repetitive elements and fragments of repetitive elements, regulatory elements, proteins and fragments of proteins.

## Background of the Invention

### I. SEQUENCE TAGGED CONNECTOR NUCLEIC ACID MOLECULES AND THE BACTERIAL ARTIFICIAL CHROMOSOMES (BACS) CONTAINING THESE SEQUENCES.

Sequence tagged connectors, or STCs, are sequences of insert data generated from both ends (at the vector-insert point) of a BAC clone in a genomic library. These sequences, and BACs containing these STC sequences, can be used, for example, for marker development, genetic mapping or linkage analysis, marker assisted breeding, and physical genome mapping (Venter, *et al.*, *Nature*, 381:364-366 (1996), the entirety of which is herein incorporated by reference; Choi and Wing, <http://www.genome.clemson.edu/protocols2-nj.html> July, 1998). STCs can represent a

copy of up to a full length of a mRNA transcript, a promoter element or part of a promoter, can contain simple sequence repeats (also called microsatellites) repetitive elements or fragments of repetitive elements, other DNA markers, or any combination thereof.

Markers have been used in genetic mapping which can be a step in isolating a gene. Genetic mapping or linkage analysis is based on the level at which markers and genes are co-inherited (Rothwell, *Understanding Genetics. 4<sup>th</sup> Ed.*, Oxford University Press, New York, p. 703 (1988). Statistical tests like chi-square analysis can be used to test the randomness of segregation or linkage (Kochert, *The Rockefeller Foundation International Program on Rice Biotechnology*, University of Georgia, Athens, GA, pp 1-14 (1989), the entirety of which is herein incorporated by reference. In linkage mapping, the proportion of recombinant individuals out of the total mapping population provides the information for determining the genetic distance between the loci (Young, *Encyclopedia of Agricultural Science*, Vol. 3, pp 275-282 (1994), the entirety of which is herein incorporated by reference).

Classical mapping studies utilize easily observable, visible traits instead of molecular markers. These visible traits are also known as naked eye polymorphisms. These traits can be morphological like plant height, fruit size, shape and color or physiological like disease response, photoperiod sensitivity or crop maturity. Visible traits are useful and are still in use because they represent actual phenotypes and are easy to score without any specialized lab equipment. By contrast, the other types of genetic markers are arbitrary loci for use in linkage mapping and often not associated to specific plant phenotypes (Young, *Encyclopedia of Agricultural Science*, Vol. 3, pp. 275-282

(1994)). Many morphological markers cause such large effects on phenotype that they are undesirable in breeding programs. Many other visible traits have the disadvantage of being developmentally regulated (*i.e.*, expressed only at certain stages; or in specific tissues and organs). Often times, visible traits mask the effects of linked minor genes making it nearly impossible to identify desirable linkages for selection (Tanksey, *et al.*, *Biotech.* 7:257-264 (1989), the entirety of which is herein incorporated by reference).

Although a number of important agronomic characters are controlled by loci having major effects on phenotype, many economically important traits, such as yield and some forms of disease resistance, are quantitative in nature. This type of phenotypic variation in a trait is characterized by continuous, normal distribution of phenotypic values in a particular population (Beckmann and Soller, *Oxford Surveys of Plant Molecular Biology*, Miffen. (ed.), Vol. 3, Oxford University Press, UK., pp. 196-250 (1986), the entirety of which is herein incorporated by reference). Such traits are governed by a large number of loci, Quantitative Trait Loci (QTL), each of which can make a small positive or negative effect to the final phenotype value of the trait (Beckmann and Soller, *Oxford Surveys of Plant Molecular Biology*, Miffen. (ed.), Vol. 3, Oxford University Press, U.K., pp. 196-250 (1986)). Loci contributing to such genetic variation are often termed minor genes as opposed to major genes with large effects that follow a Mendelian pattern of inheritance. Polygenic traits are also predicted to follow a Mendelian type of inheritance, however the contribution of each locus is expressed as an increase or decrease in the final trait value.

Markers have been used in physical mapping studies with BAC libraries made from plant genomes. Such mapping studies have been carried out in rice (Kim *et al.*,

*Genomics* 34:213-218 (1996), the entirety of which is herein incorporated by reference; Hang, *Plant Mol. Biol.* 35:129-133 (1997), the entirety of which is herein incorporated by reference; Zhang and Wing., *Plant Mol. Bio.* 35:115-127 (1997), the entirety of which is herein incorporated by reference; Chen *et al.*, *Proc. Acad. Sci. (U.S.A.)* 94:3431-3435 (1997), the entirety of which is herein incorporated by reference; Wang *et al.*, *Plant J.* 7:525-533 (1995), the entirety of which is herein incorporated by reference) sorghum (Zwick *et al.*, *Genetics* 148:1983-1992 (1998), the entirety of which is herein incorporated by reference; Zhang, *et al.*, *Molecular Breeding* 2:11-24 (1996), the entirety of which is herein incorporated by reference) maize, (Chen, *et al.*, *Proc. Acad. Sci. (U.S.A.)* 94:3431-3435 (1997), and *Arabidopsis* (Kim, *et al.*, *Genomics* 34:213-218 (1996), the entirety of which is herein incorporated by reference).

Repetitive elements have been used in physical mapping in cereals (Ananiev, *et al.*, *Proc. Acad. Sci. (U.S.A.)* 95:13073-8 (1998), the entirety of which is herein incorporated by reference; McLean *et al.*, *Mol Gen Genet* 253:687-694 (1997), the entirety of which is herein incorporated by reference).

## II. SEQUENCE COMPARISONS

STCs and sequenced BACs can be compared, for example, to sequences that encode promoters or proteins or other sequences. These homologies can be determined by similarity searches (Adams, *et al.*, *Science* 252:1651-1656 (1991), the entirety of which is herein incorporated by reference).

A characteristic feature of a DNA sequence is that it can be compared with other DNA sequences. Sequence comparisons can be undertaken by determining the similarity

of the test or query sequence with sequences in publicly available or propriety databases (“similarity analysis”) or by searching for certain motifs (“intrinsic sequence analysis”)(*e.g.*, *cis* elements)(Coulson, *Trends in Biotechnology*, 12:76-80 (1994), the entirety of which is herein incorporated by reference; Birren, *et al.*, *Genome Analysis*, 1:543-559 (1997), the entirety of which is herein incorporated by reference).

Similarity analysis includes database search and alignment. Examples of public databases include the DNA Database of Japan (DDBJ)(<http://www.ddbj.nig.ac.jp/>); Genebank (<http://www.ncbi.nlm.nih.gov/web/Genbank/Index.html>); and the European Molecular Biology Laboratory Nucleic Acid Sequence Database (EMBL) ([http://www.ebi.ac.uk/ebi\\_docs/embl\\_db.html](http://www.ebi.ac.uk/ebi_docs/embl_db.html)). A number of different search algorithms have been developed, one example of which are the suite of programs referred to as BLAST programs. There are five implementations of BLAST, three designed for nucleotide sequences queries (BLASTN, BLASTX, and TBLASTX) and two designed for protein sequence queries (BLASTP and TBLASTN) (Coulson, *Trends in Biotechnology*, 12:76-80 (1994); Birren, *et al.*, *Genome Analysis*, 1:543-559 (1997)).

BLASTN takes a nucleotide sequence (the query sequence) and its reverse complement and searches them against a nucleotide sequence database. BLASTN was designed for speed, not maximum sensitivity, and may not find distantly related coding sequences. BLASTX takes a nucleotide sequence, translates it in three forward reading frames and three reverse complement reading frames, and then compares the six translations against a protein sequence database. BLASTX is useful for sensitive analysis of preliminary (single-pass) sequence data and is tolerant of sequencing errors (Gish and States, *Nature Genetics*, 3:266-272 (1993), the entirety of which is herein incorporated by

reference). BLASTN and BLASTX may be used in concert for analyzing STC data (Coulson, *Trends in Biotechnology*, 12:76-80 (1994); Birren, *et al.*, *Genome Analysis*, 1:543-559 (1997)).

Given a coding nucleotide sequence and the protein it encodes, it is often preferable to use the protein as the query sequence to search a database because of the greatly increased sensitivity to detect more subtle relationships. This is due to the larger alphabet of proteins (20 amino acids) compared with the alphabet of nucleic acid sequences (4 bases), where it is far easier to obtain a match by chance. In addition, with nucleotide alignments, only a match (positive score) or a mismatch (negative score) is obtained, but with proteins, the presence of conservative amino acid substitutions can be taken into account. Here, a mismatch may yield a positive score if the non-identical residue has physical/chemical properties similar to the one it replaced. Various scoring matrices are used to supply the substitution scores of all possible amino acid pairs. A general purpose scoring system is the BLOSUM62 matrix (Henikoff and Henikoff, *Proteins*, 17:49-61 (1993), the entirety of which is herein incorporated by reference), which is currently the default choice for BLAST programs. BLOSUM62 is tailored for alignments of moderately diverged sequences and thus may not yield the best results under all conditions. Altschul, *J. Mol. Biol.* 36:290-300 (1993), the entirety of which is herein incorporated by reference, uses a combination of three matrices to cover all contingencies. This may improve sensitivity, but at the expense of slower searches. In practice, a single BLOSUM62 matrix is often used but others (PAM40 and PAM250) may be attempted when additional analysis is necessary. Low PAM matrices are directed at detecting very strong but localized sequence similarities, whereas high PAM matrices

are directed at detecting long but weak alignments between very distantly related sequences.

Homologues in other organisms are available that can be used for comparative sequence analysis. Multiple alignments are performed to study similarities and differences in a group of related sequences. CLUSTAL W is a multiple sequence alignment package available that performs progressive multiple sequence alignments based on the method of Feng and Doolittle, *J. Mol. Evol.* 25:351-360 (1987), the entirety of which is herein incorporated by reference. Each pair of sequences is aligned and the distance between each pair is calculated; from this distance matrix, a guide tree is calculated, and all of the sequences are progressively aligned based on this tree. A feature of the program is its sensitivity to the effect of gaps on the alignment; gap penalties are varied to encourage the insertion of gaps in probable loop regions instead of in the middle of structured regions. Users can specify gap penalties, choose between a number of scoring matrices, or supply their own scoring matrix for both the pairwise alignments and the multiple alignments. CLUSTAL W for UNIX and VMS systems is available at: <ftp.ebi.ac.uk>. Another program is MACAW (Schuler *et al.*, *Proteins, Struct. Func. Genet.*, 9:180-190 (1991), the entirety of which is herein incorporated by reference, for which both Macintosh and Microsoft Windows versions are available. MACAW uses a graphical interface, provides a choice of several alignment algorithms, and is available by anonymous ftp at: <ncbi.nlm.nih.gov> (directory/pub/macaw).

Sequence motifs are derived from multiple alignments and can be used to examine individual sequences or an entire database for subtle patterns. With motifs, it is sometimes possible to detect distant relationships that may not be demonstrable based on



comparisons of primary sequences alone. Currently, the largest collection of sequence motifs in the world is PROSITE (Bairoch and Bucher, *Nucleic Acid Research*, 22:3583-3589 (1994), the entirety of which is herein incorporated by reference). PROSITE may be accessed via either the ExPASy server on the World Wide Web or anonymous ftp site. Many commercial sequence analysis packages also provide search programs that use PROSITE data.

A resource for searching protein motifs is the BLOCKS E-mail server developed by S. Henikoff, *Trends Biochem Sci.*, 18:267-268 (1993), the entirety of which is herein incorporated by reference; Henikoff and Henikoff, *Nucleic Acid Research*, 19:6565-6572 (1991), the entirety of which is herein incorporated by reference; Henikoff and Henikoff, *Proteins*, 17:49-61 (1993). BLOCKS searches a protein or nucleotide sequence against a database of protein motifs or "blocks." Blocks are defined as short, ungapped multiple alignments that represent highly conserved protein patterns. The blocks themselves are derived from entries in PROSITE as well as other sources. Either a protein or nucleotide query can be submitted to the BLOCKS server; if a nucleotide sequence is submitted, the sequence is translated in all six reading frames and motifs are sought in these conceptual translations. Once the search is completed, the server will return a ranked list of significant matches, along with an alignment of the query sequence to the matched BLOCKS entries.

Conserved protein domains can be represented by two-dimensional matrices, which measure either the frequency or probability of the occurrences of each amino acid residue and deletions or insertions in each position of the domain. This type of model, when used to search against protein databases, is sensitive and usually yields more

accurate results than simple motif searches. Two popular implementations of this approach are profile searches (such as GCG program ProfileSearch) and Hidden Markov Models (HMMs) (Krough, *et al.*, *J. Mol. Biol.* 235:1501-1531 (1994); Eddy, *Current Opinion in Structural Biology* 6:361-365 (1996), both of which are herein incorporated by reference in their entirety). In both cases, a large number of common protein domains have been converted into profiles, as present in the PROSITE library, or HMM models, as in the Pfam protein domain library (Sonnhammer, *et al.*, *Proteins* 28:405-420 (1997), the entirety of which is herein incorporated by reference). Pfam contains more than 500 HMM models for enzymes, transcription factors, signal transduction molecules, and structural proteins. Protein databases can be queried with these profiles or HMM models, which will identify proteins containing the domain of interest. For example, HMMSW or HMMFS, two programs in a public domain package called HMMER (Sonnhammer, *et al.*, *Proteins* 28:405-420 (1997)) can be used.

PROSITE and BLOCKS represent collected families of protein motifs. Thus, searching these databases entails submitting a single sequence to determine whether or not that sequence is similar to the members of an established family. Programs working in the opposite direction compare a collection of sequences with individual entries in the protein databases. An example of such a program is the Motif Search Tool, or MoST (Tatusov, *et al.*, *Proc. Natl. Acad. Sci.* 91:12091-12095 (1994), the entirety of which is herein incorporated by reference). On the basis of an aligned set of input sequences, a weight matrix is calculated by using one of four methods (selected by the user); a weight matrix is simply a representation, position by position in an alignment, of how likely a particular amino acid will appear. The calculated weight matrix is then used to search the

databases. To increase sensitivity, newly found sequences are added to the original data set, the weight matrix is recalculated, and the search is performed again. This procedure continues until no new sequences are found.

### **Summary of the Invention**

The present invention provides a substantially purified nucleic acid molecule, the nucleic acid molecule capable of specifically hybridizing to a second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complement or fragment of either.

The present invention provides a substantially purified nucleic acid molecule comprising a nucleic acid molecule or fragment thereof having a pair of defined ends, wherein the pair of defined ends are selected from the defined ends in Table A.

The present invention provides a substantially purified protein or fragment thereof encoded by a first nucleic acid molecule which specifically hybridizes to a second nucleic acid molecule, the second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof.

The present invention provides a substantially purified protein or fragment thereof encoded by a nucleic acid sequence selected from the group consisting of SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof or fragments of either.

The present invention provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; which is linked to (B) a structural nucleic acid molecule, wherein the structural nucleic acid molecule is selected from the

group consisting of SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof or fragments of either; which is linked to (C) a 3' non-translated sequence that functions in a plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule wherein the promoter nucleic acid molecule is selected from the group consisting of SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof or fragments of either; which is linked to (B) a structural nucleic acid molecule encoding a protein or peptide; which is linked to (C) a 3' non-translated sequence that functions in a plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; which is linked to (B) a transcribed nucleic acid molecule with a transcribed strand and a non-transcribed strand, wherein the transcribed strand is complementary to a nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof or fragments of either and the transcribed strand is complementary to an endogenous mRNA molecule; which is linked to (C) a 3' non-translated sequence that functions in plant cells to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule wherein the promoter nucleic acid molecule is selected from the group consisting of SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof or fragments of either; which is linked to (B) a transcribed nucleic acid molecule with a transcribed strand and a non-transcribed strand, wherein the transcribed strand is complementary to an endogenous mRNA molecule; which is linked to (C) a 3' non-translated sequence that functions in plant cells to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention provides a computer readable medium having recorded thereon one or more of the nucleotide sequences depicted in SEQ ID NO:1 through SEQ ID NO: 82359.

The present invention provides a method of introgressing a trait into a plant comprising using a nucleic acid marker for marker assisted selection of the plant, the nucleic acid marker complementary to a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complement thereof or fragment of either, and introgressing the trait into a plant.

The present invention provides a method for screening for a trait comprising interrogating genomic DNA for the presence or absence of a marker molecule that is genetically linked to a nucleic acid sequence complementary to a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or

complements thereof or fragment of either; and detecting the presence or absence of the marker.

The present invention provides a method for determining the likelihood of the level, presence or absence of a trait in a plant comprising the steps of: (A) obtaining genomic DNA from the plant; (B) detecting a marker nucleic acid molecule; the marker nucleic acid molecule wherein the marker nucleic acid molecule specifically hybridizes with a nucleic acid sequence that is genetically linked to a nucleic acid sequence complementary to a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complements thereof; (C) and determining the level, presence or absence of the marker nucleic acid molecule, wherein the level, presence or absence of the marker nucleic acid molecule is indicative of the likely presence in the plant of the trait.

The present invention provides a method for determining a genomic polymorphism in a plant that is predictive of a trait comprising the steps: (A) incubating a marker nucleic acid molecule, under conditions permitting nucleic acid hybridization, and a complementary nucleic acid molecule obtained from the plant, the marker nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complements thereof; (B) permitting hybridization between the marker nucleic acid molecule and the complementary nucleic acid molecule obtained from the plant; and (C) detecting the presence of the polymorphism.

The present invention provides a method of determining an association between a polymorphism and a plant trait comprising: (A) hybridizing a nucleic acid molecule specific for the polymorphism to genetic material of a plant, wherein the nucleic acid

molecule comprises a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complements thereof; and (B) calculating the degree of association between the polymorphism and the plant trait.

The present invention provides a method for isolating a nucleic acid molecule in a non-maize cereal comprising: (A) defining a genomic region of maize by reference to a marker molecule, wherein said marker molecule comprises a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complement thereof or fragment of either; (B) identifying a syntenic genomic region of said non-maize cereal that corresponds to said defined genomic region of maize; and (C) isolating said syntenic genomic region of said non-maize cereal that corresponds to said defined genomic region of maize.

The present invention provides a method for isolating a nucleic acid molecule in a cereal comprising: (A) defining a genomic region of maize by reference to a marker molecule, wherein said marker molecule comprises a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complement thereof or fragment of either; (B) identifying a syntenic genomic region of said cereal that corresponds to said defined genomic region of maize; and (C) isolating said syntenic genomic region of said cereal that corresponds to said defined genomic region of maize.

The present invention provides a method for interrogating a genomic region of a non-maize cereal comprising interrogating genomic DNA for the presence or absence of two marker molecules, wherein said two marker molecules comprise two nucleic acid sequences selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO:

82359 or complement thereof or fragment of either, and detecting the presence or absence of said two marker molecules.

### **Detailed Description of the Invention**

#### **Agents of the invention:**

##### **(a) Nucleic Acid Molecules**

Agents of the present invention include nucleic acid molecules and more specifically BACs and STC nucleic acid molecules or nucleic acid fragment molecules thereof.

A subset of the nucleic acid molecules of the present invention includes nucleic acid molecules that are marker molecules. Another subset of the nucleic molecules of the present invention include nucleic acid molecules that are promoters and/or regulatory elements. Another subset of the nucleic acid molecules of the present invention include nucleic acid molecules that encode proteins or fragments of proteins. In a preferred embodiment the nucleic acid molecules of the present invention are derived from maize (*Zea mays* L.), and more preferably *Zea mays* L., genotype LH32, (National Seed Storage Laboratory, Fort Collins Colorado).

Fragment STC nucleic acid molecules and fragments of BACs may encode significant portion(s) of, or indeed most of, the STC or BAC nucleic acid molecule. In addition, a fragment nucleic acid molecule can encode a maize protein or fragment thereof. Alternatively, the fragments may comprise smaller oligonucleotides (having from about 15 to about 250 nucleotide residues, and more preferably, about 15 to about



30 nucleotide residues). In another preferred embodiment, the fragments may comprise oligonucleotides between about 50 to about 100 nucleotides.

The term "substantially purified", as used herein, refers to a molecule separated from substantially all other molecules normally associated with it in its native state. More preferably a substantially purified molecule is the predominant species present in a preparation. A substantially purified molecule may be greater than 60% free, preferably 75% free, more preferably 90% free, and most preferably 95% free from the other molecules (exclusive of solvent) present in the natural mixture. The term "substantially purified" is not intended to encompass molecules present in their native state.

The agents of the present invention will preferably be "biologically active" with respect to either a structural attribute, such as the capacity of a nucleic acid to hybridize to another nucleic acid molecule, or the ability of a protein to be bound by an antibody (or to compete with another molecule for such binding). Alternatively, such an attribute may be catalytic, and thus involve the capacity of the agent to mediate a chemical reaction or response.

The agents of the present invention may also be recombinant. As used herein, the term recombinant means any agent (*e.g.*, DNA, peptide etc.), that is, or results, however indirect, from human manipulation of a nucleic acid molecule.

It is understood that the agents of the present invention may be labeled with reagents that facilitate detection of the agent (*e.g.*, fluorescent labels (Prober, *et al.*, *Science* 238:336-340 (1987); Albarella *et al.*, EP 144914, chemical labels (Sheldon *et al.*, U.S. Patent 4,582,789; Albarella *et al.*, U.S. Patent 4,563,417, modified bases (Miyoshi *et al.*, EP 119448, all of which are hereby incorporated by reference in their entirety).

It is further understood, that the present invention provides, for example, bacterial, viral, microbial, insect, fungal, algal and plant cells comprising the agents of the present invention.

The BAC nucleic acid molecules of the present invention include, without limitation, BAC nucleic acid molecules having inserts with two defined ends (STC) as set forth in Table A. It is understood that fragments of such BAC molecules can contain one or neither of the defined ends.

**Table A**

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1	ZM_001_A1_A01	ZM_001_A1_A01_T7C	
2	ZM_001_A1_A01		ZM_001_A1_A01_MR
3	ZM_001_A1_A02	ZM_001_A1_A02_T7C	
4	ZM_001_A1_A02		ZM_001_A1_A02_MR
5	ZM_001_A1_A03	ZM_001_A1_A03_T7C	
6	ZM_001_A1_A03		ZM_001_A1_A03_MR
7	ZM_001_A1_A04	ZM_001_A1_A04_T7C	
8	ZM_001_A1_A05	ZM_001_A1_A05_T7C	
9	ZM_001_A1_A07	ZM_001_A1_A07_T7C	
10	ZM_001_A1_A07		ZM_001_A1_A07_MR
11	ZM_001_A1_A08	ZM_001_A1_A08_T7C	
12	ZM_001_A1_A08		ZM_001_A1_A08_MR
13	ZM_001_A1_A09	ZM_001_A1_A09_T7C	
14	ZM_001_A1_A09		ZM_001_A1_A09_MR
15	ZM_001_A1_A10	ZM_001_A1_A10_T7C	
16	ZM_001_A1_A10		ZM_001_A1_A10_MR
17	ZM_001_A1_A11		ZM_001_A1_A11_MR
18	ZM_001_A1_A12	ZM_001_A1_A12_T7C	
19	ZM_001_A1_A12		ZM_001_A1_A12_MR
20	ZM_001_A1_B01	ZM_001_A1_B01_T7C	
21	ZM_001_A1_B01		ZM_001_A1_B01_MR
22	ZM_001_A1_B02	ZM_001_A1_B02_T7C	
23	ZM_001_A1_B02		ZM_001_A1_B02_MR
24	ZM_001_A1_B03	ZM_001_A1_B03_T7C	
25	ZM_001_A1_B03		ZM_001_A1_B03_MR
26	ZM_001_A1_B04	ZM_001_A1_B04_T7C	
27	ZM_001_A1_B04		ZM_001_A1_B04_MR
28	ZM_001_A1_B05	ZM_001_A1_B05_T7C	
29	ZM_001_A1_B05		ZM_001_A1_B05_MR
30	ZM_001_A1_B07	ZM_001_A1_B07_T7C	
31	ZM_001_A1_B07		ZM_001_A1_B07_MR
32	ZM_001_A1_B08	ZM_001_A1_B08_T7C	
33	ZM_001_A1_B08		ZM_001_A1_B08_MR
34	ZM_001_A1_B09	ZM_001_A1_B09_T7C	
35	ZM_001_A1_B09		ZM_001_A1_B09_MR
36	ZM_001_A1_B10	ZM_001_A1_B10_T7C	
37	ZM_001_A1_B10		ZM_001_A1_B10_MR
38	ZM_001_A1_B11		ZM_001_A1_B11_MR
39	ZM_001_A1_B12	ZM_001_A1_B12_T7C	
40	ZM_001_A1_B12		ZM_001_A1_B12_MR
41	ZM_001_A1_C02	ZM_001_A1_C02_T7C	
42	ZM_001_A1_C02		ZM_001_A1_C02_MR
43	ZM_001_A1_C03	ZM_001_A1_C03_T7C	
44	ZM_001_A1_C03		ZM_001_A1_C03_MR
45	ZM_001_A1_C04	ZM_001_A1_C04_T7C	
46	ZM_001_A1_C04		ZM_001_A1_C04_MR
47	ZM_001_A1_C05	ZM_001_A1_C05_T7C	
48	ZM_001_A1_C05		ZM_001_A1_C05_MR
49	ZM_001_A1_C06	ZM_001_A1_C06_T7C	
50	ZM_001_A1_C06		ZM_001_A1_C06_MR
51	ZM_001_A1_C07	ZM_001_A1_C07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52	ZM_001_A1_C07		ZM_001_A1_C07_MR
53	ZM_001_A1_C08	ZM_001_A1_C08_T7C	
54	ZM_001_A1_C08		ZM_001_A1_C08_MR
55	ZM_001_A1_C10	ZM_001_A1_C10_T7C	
56	ZM_001_A1_C10		ZM_001_A1_C10_MR
57	ZM_001_A1_C11	ZM_001_A1_C11_T7C	
58	ZM_001_A1_C11		ZM_001_A1_C11_MR
59	ZM_001_A1_C12	ZM_001_A1_C12_T7C	
60	ZM_001_A1_C12		ZM_001_A1_C12_MR
61	ZM_001_A1_D01	ZM_001_A1_D01_T7C	
62	ZM_001_A1_D01		ZM_001_A1_D01_MR
63	ZM_001_A1_D02	ZM_001_A1_D02_T7C	
64	ZM_001_A1_D02		ZM_001_A1_D02_MR
65	ZM_001_A1_D03	ZM_001_A1_D03_T7C	
66	ZM_001_A1_D03		ZM_001_A1_D03_MR
67	ZM_001_A1_D04		ZM_001_A1_D04_MR
68	ZM_001_A1_D05	ZM_001_A1_D05_T7C	
69	ZM_001_A1_D05		ZM_001_A1_D05_MR
70	ZM_001_A1_D06	ZM_001_A1_D06_T7C	
71	ZM_001_A1_D06		ZM_001_A1_D06_MR
72	ZM_001_A1_D07		ZM_001_A1_D07_MR
73	ZM_001_A1_D08	ZM_001_A1_D08_T7C	
74	ZM_001_A1_D08		ZM_001_A1_D08_MR
75	ZM_001_A1_D09	ZM_001_A1_D09_T7C	
76	ZM_001_A1_D09		ZM_001_A1_D09_MR
77	ZM_001_A1_D10	ZM_001_A1_D10_T7C	
78	ZM_001_A1_D10		ZM_001_A1_D10_MR
79	ZM_001_A1_D11	ZM_001_A1_D11_T7C	
80	ZM_001_A1_D11		ZM_001_A1_D11_MR
81	ZM_001_A1_D12	ZM_001_A1_D12_T7C	
82	ZM_001_A1_D12		ZM_001_A1_D12_MR
83	ZM_001_A1_E01	ZM_001_A1_E01_T7C	
84	ZM_001_A1_E02	ZM_001_A1_E02_T7C	
85	ZM_001_A1_E02		ZM_001_A1_E02_MR
86	ZM_001_A1_E03	ZM_001_A1_E03_T7C	
87	ZM_001_A1_E03		ZM_001_A1_E03_MR
88	ZM_001_A1_E04	ZM_001_A1_E04_T7C	
89	ZM_001_A1_E04		ZM_001_A1_E04_MR
90	ZM_001_A1_E05	ZM_001_A1_E05_T7C	
91	ZM_001_A1_E05		ZM_001_A1_E05_MR
92	ZM_001_A1_E07	ZM_001_A1_E07_T7C	
93	ZM_001_A1_E07		ZM_001_A1_E07_MR
94	ZM_001_A1_E08	ZM_001_A1_E08_T7C	
95	ZM_001_A1_E08		ZM_001_A1_E08_MR
96	ZM_001_A1_E09	ZM_001_A1_E09_T7C	
97	ZM_001_A1_E09		ZM_001_A1_E09_MR
98	ZM_001_A1_E10	ZM_001_A1_E10_T7C	
99	ZM_001_A1_E10		ZM_001_A1_E10_MR
100	ZM_001_A1_E11	ZM_001_A1_E11_T7C	
101	ZM_001_A1_E12	ZM_001_A1_E12_T7C	
102	ZM_001_A1_E12		ZM_001_A1_E12_MR
103	ZM_001_A1_F01	ZM_001_A1_F01_T7C	
104	ZM_001_A1_F01		ZM_001_A1_F01_MR
105	ZM_001_A1_F02		ZM_001_A1_F02_MR
106	ZM_001_A1_F03	ZM_001_A1_F03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
107	ZM_001_A1_F03		ZM_001_A1_F03_MR
108	ZM_001_A1_F04	ZM_001_A1_F04_T7C	
109	ZM_001_A1_F04		ZM_001_A1_F04_MR
110	ZM_001_A1_F05	ZM_001_A1_F05_T7C	
111	ZM_001_A1_F05		ZM_001_A1_F05_MR
112	ZM_001_A1_F06	ZM_001_A1_F06_T7C	
113	ZM_001_A1_F06		ZM_001_A1_F06_MR
114	ZM_001_A1_F07	ZM_001_A1_F07_T7C	
115	ZM_001_A1_F07		ZM_001_A1_F07_MR
116	ZM_001_A1_F08	ZM_001_A1_F08_T7C	
117	ZM_001_A1_F09	ZM_001_A1_F09_T7C	
118	ZM_001_A1_F10	ZM_001_A1_F10_T7C	
119	ZM_001_A1_F10		ZM_001_A1_F10_MR
120	ZM_001_A1_F11	ZM_001_A1_F11_T7C	
121	ZM_001_A1_F11		ZM_001_A1_F11_MR
122	ZM_001_A1_F12	ZM_001_A1_F12_T7C	
123	ZM_001_A1_F12		ZM_001_A1_F12_MR
124	ZM_001_A1_G01	ZM_001_A1_G01_T7C	
125	ZM_001_A1_G01		ZM_001_A1_G01_MR
126	ZM_001_A1_G02	ZM_001_A1_G02_T7C	
127	ZM_001_A1_G02		ZM_001_A1_G02_MR
128	ZM_001_A1_G03	ZM_001_A1_G03_T7C	
129	ZM_001_A1_G03		ZM_001_A1_G03_MR
130	ZM_001_A1_G04	ZM_001_A1_G04_T7C	
131	ZM_001_A1_G04		ZM_001_A1_G04_MR
132	ZM_001_A1_G06	ZM_001_A1_G06_T7C	
133	ZM_001_A1_G07	ZM_001_A1_G07_T7C	
134	ZM_001_A1_G07		ZM_001_A1_G07_MR
135	ZM_001_A1_G08	ZM_001_A1_G08_T7C	
136	ZM_001_A1_G08		ZM_001_A1_G08_MR
137	ZM_001_A1_G09	ZM_001_A1_G09_T7C	
138	ZM_001_A1_G09		ZM_001_A1_G09_MR
139	ZM_001_A1_G10	ZM_001_A1_G10_T7C	
140	ZM_001_A1_G10		ZM_001_A1_G10_MR
141	ZM_001_A1_G11	ZM_001_A1_G11_T7C	
142	ZM_001_A1_G11		ZM_001_A1_G11_MR
143	ZM_001_A1_G12	ZM_001_A1_G12_T7C	
144	ZM_001_A1_G12		ZM_001_A1_G12_MR
145	ZM_001_A1_H01	ZM_001_A1_H01_T7C	
146	ZM_001_A1_H01		ZM_001_A1_H01_MR
147	ZM_001_A1_H02	ZM_001_A1_H02_T7C	
148	ZM_001_A1_H02		ZM_001_A1_H02_MR
149	ZM_001_A1_H03	ZM_001_A1_H03_T7C	
150	ZM_001_A1_H03		ZM_001_A1_H03_MR
151	ZM_001_A1_H04		ZM_001_A1_H04_MR
152	ZM_001_A1_H05	ZM_001_A1_H05_T7C	
153	ZM_001_A1_H05		ZM_001_A1_H05_MR
154	ZM_001_A1_H06	ZM_001_A1_H06_T7C	
155	ZM_001_A1_H08	ZM_001_A1_H08_T7C	
156	ZM_001_A1_H08		ZM_001_A1_H08_MR
157	ZM_001_A1_H09	ZM_001_A1_H09_T7C	
158	ZM_001_A1_H09		ZM_001_A1_H09_MR
159	ZM_001_A1_H10	ZM_001_A1_H10_T7C	
160	ZM_001_A1_H10		ZM_001_A1_H10_MR
161	ZM_001_A1_H11	ZM_001_A1_H11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
162	ZM_001_A1_H11		ZM_001_A1_H11_MR
163	ZM_001_A1_H12	ZM_001_A1_H12_T7C	
164	ZM_001_A1_H12		ZM_001_A1_H12_MR
165	ZM_001_A2_A01	ZM_001_A2_A01_T7C	
166	ZM_001_A2_A04	ZM_001_A2_A04_T7C	
167	ZM_001_A2_A04		ZM_001_A2_A04_MR
168	ZM_001_A2_A05		ZM_001_A2_A05_MR
169	ZM_001_A2_A06	ZM_001_A2_A06_T7C	
170	ZM_001_A2_A06		ZM_001_A2_A06_MR
171	ZM_001_A2_A07	ZM_001_A2_A07_T7C	
172	ZM_001_A2_A07		ZM_001_A2_A07_MR
173	ZM_001_A2_A09	ZM_001_A2_A09_T7C	
174	ZM_001_A2_A09		ZM_001_A2_A09_MR
175	ZM_001_A2_A10	ZM_001_A2_A10_T7C	
176	ZM_001_A2_A10		ZM_001_A2_A10_MR
177	ZM_001_A2_A11	ZM_001_A2_A11_T7C	
178	ZM_001_A2_B01	ZM_001_A2_B01_T7C	
179	ZM_001_A2_B01		ZM_001_A2_B01_MR
180	ZM_001_A2_B02		ZM_001_A2_B02_MR
181	ZM_001_A2_B04	ZM_001_A2_B04_T7C	
182	ZM_001_A2_B04		ZM_001_A2_B04_MR
183	ZM_001_A2_B05	ZM_001_A2_B05_T7C	
184	ZM_001_A2_B05		ZM_001_A2_B05_MR
185	ZM_001_A2_B06	ZM_001_A2_B06_T7C	
186	ZM_001_A2_B06		ZM_001_A2_B06_MR
187	ZM_001_A2_B07	ZM_001_A2_B07_T7C	
188	ZM_001_A2_B07		ZM_001_A2_B07_MR
189	ZM_001_A2_B08	ZM_001_A2_B08_T7C	
190	ZM_001_A2_B08		ZM_001_A2_B08_MR
191	ZM_001_A2_B09	ZM_001_A2_B09_T7C	
192	ZM_001_A2_B09		ZM_001_A2_B09_MR
193	ZM_001_A2_B11	ZM_001_A2_B11_T7C	
194	ZM_001_A2_B11		ZM_001_A2_B11_MR
195	ZM_001_A2_B12	ZM_001_A2_B12_T7C	
196	ZM_001_A2_C01	ZM_001_A2_C01_T7C	
197	ZM_001_A2_C01		ZM_001_A2_C01_MR
198	ZM_001_A2_C02	ZM_001_A2_C02_T7C	
199	ZM_001_A2_C03	ZM_001_A2_C03_T7C	
200	ZM_001_A2_C04	ZM_001_A2_C04_T7C	
201	ZM_001_A2_C05	ZM_001_A2_C05_T7C	
202	ZM_001_A2_C05		ZM_001_A2_C05_MR
203	ZM_001_A2_C06	ZM_001_A2_C06_T7C	
204	ZM_001_A2_C06		ZM_001_A2_C06_MR
205	ZM_001_A2_C07	ZM_001_A2_C07_T7C	
206	ZM_001_A2_C07		ZM_001_A2_C07_MR
207	ZM_001_A2_C08	ZM_001_A2_C08_T7C	
208	ZM_001_A2_C08		ZM_001_A2_C08_MR
209	ZM_001_A2_C09	ZM_001_A2_C09_T7C	
210	ZM_001_A2_C09		ZM_001_A2_C09_MR
211	ZM_001_A2_C10	ZM_001_A2_C10_T7C	
212	ZM_001_A2_C10		ZM_001_A2_C10_MR
213	ZM_001_A2_C11	ZM_001_A2_C11_T7C	
214	ZM_001_A2_C11		ZM_001_A2_C11_MR
215	ZM_001_A2_C12	ZM_001_A2_C12_T7C	
216	ZM_001_A2_C12		ZM_001_A2_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
217	ZM_001_A2_D01	ZM_001_A2_D01_T7C	
218	ZM_001_A2_D01		ZM_001_A2_D01_MR
219	ZM_001_A2_D02	ZM_001_A2_D02_T7C	
220	ZM_001_A2_D02		ZM_001_A2_D02_MR
221	ZM_001_A2_D03	ZM_001_A2_D03_T7C	
222	ZM_001_A2_D03		ZM_001_A2_D03_MR
223	ZM_001_A2_D04	ZM_001_A2_D04_T7C	
224	ZM_001_A2_D04		ZM_001_A2_D04_MR
225	ZM_001_A2_D05	ZM_001_A2_D05_T7C	
226	ZM_001_A2_D05		ZM_001_A2_D05_MR
227	ZM_001_A2_D06	ZM_001_A2_D06_T7C	
228	ZM_001_A2_D06		ZM_001_A2_D06_MR
229	ZM_001_A2_D07	ZM_001_A2_D07_T7C	
230	ZM_001_A2_D07		ZM_001_A2_D07_MR
231	ZM_001_A2_D08	ZM_001_A2_D08_T7C	
232	ZM_001_A2_D08		ZM_001_A2_D08_MR
233	ZM_001_A2_D09	ZM_001_A2_D09_T7C	
234	ZM_001_A2_D09		ZM_001_A2_D09_MR
235	ZM_001_A2_D10	ZM_001_A2_D10_T7C	
236	ZM_001_A2_D10		ZM_001_A2_D10_MR
237	ZM_001_A2_D11	ZM_001_A2_D11_T7C	
238	ZM_001_A2_D11		ZM_001_A2_D11_MR
239	ZM_001_A2_D12	ZM_001_A2_D12_T7C	
240	ZM_001_A2_D12		ZM_001_A2_D12_MR
241	ZM_001_A2_E01	ZM_001_A2_E01_T7C	
242	ZM_001_A2_E02	ZM_001_A2_E02_T7C	
243	ZM_001_A2_E04	ZM_001_A2_E04_T7C	
244	ZM_001_A2_E04		ZM_001_A2_E04_MR
245	ZM_001_A2_E05	ZM_001_A2_E05_T7C	
246	ZM_001_A2_E05		ZM_001_A2_E05_MR
247	ZM_001_A2_E07	ZM_001_A2_E07_T7C	
248	ZM_001_A2_E07		ZM_001_A2_E07_MR
249	ZM_001_A2_E08	ZM_001_A2_E08_T7C	
250	ZM_001_A2_E08		ZM_001_A2_E08_MR
251	ZM_001_A2_E09	ZM_001_A2_E09_T7C	
252	ZM_001_A2_E10	ZM_001_A2_E10_T7C	
253	ZM_001_A2_E11	ZM_001_A2_E11_T7C	
254	ZM_001_A2_E11		ZM_001_A2_E11_MR
255	ZM_001_A2_E12	ZM_001_A2_E12_T7C	
256	ZM_001_A2_E12		ZM_001_A2_E12_MR
257	ZM_001_A2_F01	ZM_001_A2_F01_T7C	
258	ZM_001_A2_F01		ZM_001_A2_F01_MR
259	ZM_001_A2_F02	ZM_001_A2_F02_T7C	
260	ZM_001_A2_F03	ZM_001_A2_F03_T7C	
261	ZM_001_A2_F04	ZM_001_A2_F04_T7C	
262	ZM_001_A2_F04		ZM_001_A2_F04_MR
263	ZM_001_A2_F05		ZM_001_A2_F05_MR
264	ZM_001_A2_F06	ZM_001_A2_F06_T7C	
265	ZM_001_A2_F07	ZM_001_A2_F07_T7C	
266	ZM_001_A2_F07		ZM_001_A2_F07_MR
267	ZM_001_A2_F08	ZM_001_A2_F08_T7C	
268	ZM_001_A2_F08		ZM_001_A2_F08_MR
269	ZM_001_A2_F09	ZM_001_A2_F09_T7C	
270	ZM_001_A2_F10	ZM_001_A2_F10_T7C	
271	ZM_001_A2_F11	ZM_001_A2_F11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
272	ZM_001_A2_F11		ZM_001_A2_F11_MR
273	ZM_001_A2_F12	ZM_001_A2_F12_T7C	
274	ZM_001_A2_F12		ZM_001_A2_F12_MR
275	ZM_001_A2_G01	ZM_001_A2_G01_T7C	
276	ZM_001_A2_G01		ZM_001_A2_G01_MR
277	ZM_001_A2_G02	ZM_001_A2_G02_T7C	
278	ZM_001_A2_G03	ZM_001_A2_G03_T7C	
279	ZM_001_A2_G03		ZM_001_A2_G03_MR
280	ZM_001_A2_G04	ZM_001_A2_G04_T7C	
281	ZM_001_A2_G04		ZM_001_A2_G04_MR
282	ZM_001_A2_G05	ZM_001_A2_G05_T7C	
283	ZM_001_A2_G07	ZM_001_A2_G07_T7C	
284	ZM_001_A2_G07		ZM_001_A2_G07_MR
285	ZM_001_A2_G08		ZM_001_A2_G08_MR
286	ZM_001_A2_G09	ZM_001_A2_G09_T7C	
287	ZM_001_A2_G09		ZM_001_A2_G09_MR
288	ZM_001_A2_G10	ZM_001_A2_G10_T7C	
289	ZM_001_A2_G10		ZM_001_A2_G10_MR
290	ZM_001_A2_G11	ZM_001_A2_G11_T7C	
291	ZM_001_A2_G11		ZM_001_A2_G11_MR
292	ZM_001_A2_H01	ZM_001_A2_H01_T7C	
293	ZM_001_A2_H01		ZM_001_A2_H01_MR
294	ZM_001_A2_H02	ZM_001_A2_H02_T7C	
295	ZM_001_A2_H03	ZM_001_A2_H03_T7C	
296	ZM_001_A2_H04	ZM_001_A2_H04_T7C	
297	ZM_001_A2_H05	ZM_001_A2_H05_T7C	
298	ZM_001_A2_H05		ZM_001_A2_H05_MR
299	ZM_001_A2_H06	ZM_001_A2_H06_T7C	
300	ZM_001_A2_H06		ZM_001_A2_H06_MR
301	ZM_001_A2_H07	ZM_001_A2_H07_T7C	
302	ZM_001_A2_H07		ZM_001_A2_H07_MR
303	ZM_001_A2_H08	ZM_001_A2_H08_T7C	
304	ZM_001_A2_H08		ZM_001_A2_H08_MR
305	ZM_001_A2_H09	ZM_001_A2_H09_T7C	
306	ZM_001_A2_H09		ZM_001_A2_H09_MR
307	ZM_001_A2_H10	ZM_001_A2_H10_T7C	
308	ZM_001_A2_H10		ZM_001_A2_H10_MR
309	ZM_001_A2_H11	ZM_001_A2_H11_T7C	
310	ZM_001_A2_H12	ZM_001_A2_H12_T7C	
311	ZM_001_B1_A01	ZM_001_B1_A01_T7C	
312	ZM_001_B1_A01		ZM_001_B1_A01_MR
313	ZM_001_B1_A02	ZM_001_B1_A02_T7C	
314	ZM_001_B1_A02		ZM_001_B1_A02_MR
315	ZM_001_B1_A03	ZM_001_B1_A03_T7C	
316	ZM_001_B1_A03		ZM_001_B1_A03_MR
317	ZM_001_B1_A04	ZM_001_B1_A04_T7C	
318	ZM_001_B1_A05		ZM_001_B1_A05_MR
319	ZM_001_B1_A06	ZM_001_B1_A06_T7C	
320	ZM_001_B1_A06		ZM_001_B1_A06_MR
321	ZM_001_B1_A07	ZM_001_B1_A07_T7C	
322	ZM_001_B1_A07		ZM_001_B1_A07_MR
323	ZM_001_B1_A08	ZM_001_B1_A08_T7C	
324	ZM_001_B1_A08		ZM_001_B1_A08_MR
325	ZM_001_B1_A09	ZM_001_B1_A09_T7C	
326	ZM_001_B1_A09		ZM_001_B1_A09_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
327	ZM_001_B1_A10	ZM_001_B1_A10_T7C	
328	ZM_001_B1_A10		ZM_001_B1_A10_MR
329	ZM_001_B1_A11	ZM_001_B1_A11_T7C	
330	ZM_001_B1_A11		ZM_001_B1_A11_MR
331	ZM_001_B1_A12	ZM_001_B1_A12_T7C	
332	ZM_001_B1_A12		ZM_001_B1_A12_MR
333	ZM_001_B1_B01	ZM_001_B1_B01_T7C	
334	ZM_001_B1_B01		ZM_001_B1_B01_MR
335	ZM_001_B1_B02	ZM_001_B1_B02_T7C	
336	ZM_001_B1_B02		ZM_001_B1_B02_MR
337	ZM_001_B1_B03	ZM_001_B1_B03_T7C	
338	ZM_001_B1_B03		ZM_001_B1_B03_MR
339	ZM_001_B1_B04	ZM_001_B1_B04_T7C	
340	ZM_001_B1_B04		ZM_001_B1_B04_MR
341	ZM_001_B1_B05	ZM_001_B1_B05_T7C	
342	ZM_001_B1_B05		ZM_001_B1_B05_MR
343	ZM_001_B1_B06	ZM_001_B1_B06_T7C	
344	ZM_001_B1_B07	ZM_001_B1_B07_T7C	
345	ZM_001_B1_B07		ZM_001_B1_B07_MR
346	ZM_001_B1_B08	ZM_001_B1_B08_T7C	
347	ZM_001_B1_B08		ZM_001_B1_B08_MR
348	ZM_001_B1_B09	ZM_001_B1_B09_T7C	
349	ZM_001_B1_B09		ZM_001_B1_B09_MR
350	ZM_001_B1_B10	ZM_001_B1_B10_T7C	
351	ZM_001_B1_B10		ZM_001_B1_B10_MR
352	ZM_001_B1_B11	ZM_001_B1_B11_T7C	
353	ZM_001_B1_B11		ZM_001_B1_B11_MR
354	ZM_001_B1_B12	ZM_001_B1_B12_T7C	
355	ZM_001_B1_B12		ZM_001_B1_B12_MR
356	ZM_001_B1_C01		ZM_001_B1_C01_MR
357	ZM_001_B1_C02	ZM_001_B1_C02_T7C	
358	ZM_001_B1_C03	ZM_001_B1_C03_T7C	
359	ZM_001_B1_C03		ZM_001_B1_C03_MR
360	ZM_001_B1_C04	ZM_001_B1_C04_T7C	
361	ZM_001_B1_C04		ZM_001_B1_C04_MR
362	ZM_001_B1_C05		ZM_001_B1_C05_MR
363	ZM_001_B1_C06	ZM_001_B1_C06_T7C	
364	ZM_001_B1_C06		ZM_001_B1_C06_MR
365	ZM_001_B1_C07	ZM_001_B1_C07_T7C	
366	ZM_001_B1_C07		ZM_001_B1_C07_MR
367	ZM_001_B1_C08	ZM_001_B1_C08_T7C	
368	ZM_001_B1_C08		ZM_001_B1_C08_MR
369	ZM_001_B1_C09	ZM_001_B1_C09_T7C	
370	ZM_001_B1_C09		ZM_001_B1_C09_MR
371	ZM_001_B1_C10	ZM_001_B1_C10_T7C	
372	ZM_001_B1_C10		ZM_001_B1_C10_MR
373	ZM_001_B1_C12	ZM_001_B1_C12_T7C	
374	ZM_001_B1_C12		ZM_001_B1_C12_MR
375	ZM_001_B1_D01	ZM_001_B1_D01_T7C	
376	ZM_001_B1_D01		ZM_001_B1_D01_MR
377	ZM_001_B1_D02	ZM_001_B1_D02_T7C	
378	ZM_001_B1_D02		ZM_001_B1_D02_MR
379	ZM_001_B1_D03	ZM_001_B1_D03_T7C	
380	ZM_001_B1_D03		ZM_001_B1_D03_MR
381	ZM_001_B1_D04	ZM_001_B1_D04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
382	ZM_001_B1_D04		ZM_001_B1_D04_MR
383	ZM_001_B1_D05	ZM_001_B1_D05_T7C	
384	ZM_001_B1_D05		ZM_001_B1_D05_MR
385	ZM_001_B1_D06	ZM_001_B1_D06_T7C	
386	ZM_001_B1_D07	ZM_001_B1_D07_T7C	
387	ZM_001_B1_D07		ZM_001_B1_D07_MR
388	ZM_001_B1_D08	ZM_001_B1_D08_T7C	
389	ZM_001_B1_D08		ZM_001_B1_D08_MR
390	ZM_001_B1_D09	ZM_001_B1_D09_T7C	
391	ZM_001_B1_D09		ZM_001_B1_D09_MR
392	ZM_001_B1_D10	ZM_001_B1_D10_T7C	
393	ZM_001_B1_D10		ZM_001_B1_D10_MR
394	ZM_001_B1_D11	ZM_001_B1_D11_T7C	
395	ZM_001_B1_D11		ZM_001_B1_D11_MR
396	ZM_001_B1_D12	ZM_001_B1_D12_T7C	
397	ZM_001_B1_D12		ZM_001_B1_D12_MR
398	ZM_001_B1_E01	ZM_001_B1_E01_T7C	
399	ZM_001_B1_E01		ZM_001_B1_E01_MR
400	ZM_001_B1_E02	ZM_001_B1_E02_T7C	
401	ZM_001_B1_E02		ZM_001_B1_E02_MR
402	ZM_001_B1_E03	ZM_001_B1_E03_T7C	
403	ZM_001_B1_E03		ZM_001_B1_E03_MR
404	ZM_001_B1_E04	ZM_001_B1_E04_T7C	
405	ZM_001_B1_E04		ZM_001_B1_E04_MR
406	ZM_001_B1_E05	ZM_001_B1_E05_T7C	
407	ZM_001_B1_E05		ZM_001_B1_E05_MR
408	ZM_001_B1_E07	ZM_001_B1_E07_T7C	
409	ZM_001_B1_E08	ZM_001_B1_E08_T7C	
410	ZM_001_B1_E08		ZM_001_B1_E08_MR
411	ZM_001_B1_E09		ZM_001_B1_E09_MR
412	ZM_001_B1_E10	ZM_001_B1_E10_T7C	
413	ZM_001_B1_E10		ZM_001_B1_E10_MR
414	ZM_001_B1_E11	ZM_001_B1_E11_T7C	
415	ZM_001_B1_E11		ZM_001_B1_E11_MR
416	ZM_001_B1_E12	ZM_001_B1_E12_T7C	
417	ZM_001_B1_E12		ZM_001_B1_E12_MR
418	ZM_001_B1_F01	ZM_001_B1_F01_T7C	
419	ZM_001_B1_F01		ZM_001_B1_F01_MR
420	ZM_001_B1_F02	ZM_001_B1_F02_T7C	
421	ZM_001_B1_F02		ZM_001_B1_F02_MR
422	ZM_001_B1_F03	ZM_001_B1_F03_T7C	
423	ZM_001_B1_F03		ZM_001_B1_F03_MR
424	ZM_001_B1_F04	ZM_001_B1_F04_T7C	
425	ZM_001_B1_F04		ZM_001_B1_F04_MR
426	ZM_001_B1_F05		ZM_001_B1_F05_MR
427	ZM_001_B1_F06	ZM_001_B1_F06_T7C	
428	ZM_001_B1_F06		ZM_001_B1_F06_MR
429	ZM_001_B1_F07	ZM_001_B1_F07_T7C	
430	ZM_001_B1_F07		ZM_001_B1_F07_MR
431	ZM_001_B1_F08	ZM_001_B1_F08_T7C	
432	ZM_001_B1_F08		ZM_001_B1_F08_MR
433	ZM_001_B1_F09	ZM_001_B1_F09_T7C	
434	ZM_001_B1_F09		ZM_001_B1_F09_MR
435	ZM_001_B1_F10	ZM_001_B1_F10_T7C	
436	ZM_001_B1_F10		ZM_001_B1_F10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
437	ZM_001_B1_F11	ZM_001_B1_F11_T7C	
438	ZM_001_B1_F11		ZM_001_B1_F11_MR
439	ZM_001_B1_F12	ZM_001_B1_F12_T7C	
440	ZM_001_B1_F12		ZM_001_B1_F12_MR
441	ZM_001_B1_G01	ZM_001_B1_G01_T7C	
442	ZM_001_B1_G02	ZM_001_B1_G02_T7C	
443	ZM_001_B1_G02		ZM_001_B1_G02_MR
444	ZM_001_B1_G03	ZM_001_B1_G03_T7C	
445	ZM_001_B1_G04	ZM_001_B1_G04_T7C	
446	ZM_001_B1_G04		ZM_001_B1_G04_MR
447	ZM_001_B1_G05	ZM_001_B1_G05_T7C	
448	ZM_001_B1_G05		ZM_001_B1_G05_MR
449	ZM_001_B1_G07	ZM_001_B1_G07_T7C	
450	ZM_001_B1_G07		ZM_001_B1_G07_MR
451	ZM_001_B1_G08	ZM_001_B1_G08_T7C	
452	ZM_001_B1_G08		ZM_001_B1_G08_MR
453	ZM_001_B1_G09	ZM_001_B1_G09_T7C	
454	ZM_001_B1_G09		ZM_001_B1_G09_MR
455	ZM_001_B1_G10		ZM_001_B1_G10_MR
456	ZM_001_B1_G11	ZM_001_B1_G11_T7C	
457	ZM_001_B1_G11		ZM_001_B1_G11_MR
458	ZM_001_B1_G12	ZM_001_B1_G12_T7C	
459	ZM_001_B1_G12		ZM_001_B1_G12_MR
460	ZM_001_B1_H01	ZM_001_B1_H01_T7C	
461	ZM_001_B1_H01		ZM_001_B1_H01_MR
462	ZM_001_B1_H02	ZM_001_B1_H02_T7C	
463	ZM_001_B1_H02		ZM_001_B1_H02_MR
464	ZM_001_B1_H03	ZM_001_B1_H03_T7C	
465	ZM_001_B1_H03		ZM_001_B1_H03_MR
466	ZM_001_B1_H04	ZM_001_B1_H04_T7C	
467	ZM_001_B1_H04		ZM_001_B1_H04_MR
468	ZM_001_B1_H05	ZM_001_B1_H05_T7C	
469	ZM_001_B1_H05		ZM_001_B1_H05_MR
470	ZM_001_B1_H06	ZM_001_B1_H06_T7C	
471	ZM_001_B1_H06		ZM_001_B1_H06_MR
472	ZM_001_B1_H07	ZM_001_B1_H07_T7C	
473	ZM_001_B1_H07		ZM_001_B1_H07_MR
474	ZM_001_B1_H08	ZM_001_B1_H08_T7C	
475	ZM_001_B1_H08		ZM_001_B1_H08_MR
476	ZM_001_B1_H09	ZM_001_B1_H09_T7C	
477	ZM_001_B1_H09		ZM_001_B1_H09_MR
478	ZM_001_B1_H10	ZM_001_B1_H10_T7C	
479	ZM_001_B1_H10		ZM_001_B1_H10_MR
480	ZM_001_B1_H11	ZM_001_B1_H11_T7C	
481	ZM_001_B1_H11		ZM_001_B1_H11_MR
482	ZM_001_B1_H12	ZM_001_B1_H12_T7C	
483	ZM_001_B1_H12		ZM_001_B1_H12_MR
484	ZM_001_B2_A01		ZM_001_B2_A01_MR
485	ZM_001_B2_A02		ZM_001_B2_A02_MR
486	ZM_001_B2_A03		ZM_001_B2_A03_MR
487	ZM_001_B2_A04		ZM_001_B2_A04_MR
488	ZM_001_B2_A05		ZM_001_B2_A05_MR
489	ZM_001_B2_A06		ZM_001_B2_A06_MR
490	ZM_001_B2_A07		ZM_001_B2_A07_MR
491	ZM_001_B2_A08		ZM_001_B2_A08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
492	ZM_001_B2_A09		ZM_001_B2_A09_MR
493	ZM_001_B2_A10		ZM_001_B2_A10_MR
494	ZM_001_B2_A11		ZM_001_B2_A11_MR
495	ZM_001_B2_A12		ZM_001_B2_A12_MR
496	ZM_001_B2_B01		ZM_001_B2_B01_MR
497	ZM_001_B2_B02		ZM_001_B2_B02_MR
498	ZM_001_B2_B03		ZM_001_B2_B03_MR
499	ZM_001_B2_B04		ZM_001_B2_B04_MR
500	ZM_001_B2_B05		ZM_001_B2_B05_MR
501	ZM_001_B2_B06		ZM_001_B2_B06_MR
502	ZM_001_B2_B07		ZM_001_B2_B07_MR
503	ZM_001_B2_B08		ZM_001_B2_B08_MR
504	ZM_001_B2_B09		ZM_001_B2_B09_MR
505	ZM_001_B2_B10		ZM_001_B2_B10_MR
506	ZM_001_B2_B11		ZM_001_B2_B11_MR
507	ZM_001_B2_B12		ZM_001_B2_B12_MR
508	ZM_001_B2_C01		ZM_001_B2_C01_MR
509	ZM_001_B2_C02		ZM_001_B2_C02_MR
510	ZM_001_B2_C03		ZM_001_B2_C03_MR
511	ZM_001_B2_C04		ZM_001_B2_C04_MR
512	ZM_001_B2_C05		ZM_001_B2_C05_MR
513	ZM_001_B2_C06		ZM_001_B2_C06_MR
514	ZM_001_B2_C07		ZM_001_B2_C07_MR
515	ZM_001_B2_C08		ZM_001_B2_C08_MR
516	ZM_001_B2_C09		ZM_001_B2_C09_MR
517	ZM_001_B2_C10		ZM_001_B2_C10_MR
518	ZM_001_B2_C11		ZM_001_B2_C11_MR
519	ZM_001_B2_C12		ZM_001_B2_C12_MR
520	ZM_001_B2_D01		ZM_001_B2_D01_MR
521	ZM_001_B2_D02		ZM_001_B2_D02_MR
522	ZM_001_B2_D04		ZM_001_B2_D04_MR
523	ZM_001_B2_D05		ZM_001_B2_D05_MR
524	ZM_001_B2_D06		ZM_001_B2_D06_MR
525	ZM_001_B2_D07		ZM_001_B2_D07_MR
526	ZM_001_B2_D08		ZM_001_B2_D08_MR
527	ZM_001_B2_D09		ZM_001_B2_D09_MR
528	ZM_001_B2_D10		ZM_001_B2_D10_MR
529	ZM_001_B2_D12		ZM_001_B2_D12_MR
530	ZM_001_B2_E01		ZM_001_B2_E01_MR
531	ZM_001_B2_E02		ZM_001_B2_E02_MR
532	ZM_001_B2_E03		ZM_001_B2_E03_MR
533	ZM_001_B2_E05		ZM_001_B2_E05_MR
534	ZM_001_B2_E06		ZM_001_B2_E06_MR
535	ZM_001_B2_E08		ZM_001_B2_E08_MR
536	ZM_001_B2_E10		ZM_001_B2_E10_MR
537	ZM_001_B2_E11		ZM_001_B2_E11_MR
538	ZM_001_B2_E12		ZM_001_B2_E12_MR
539	ZM_001_B2_F01		ZM_001_B2_F01_MR
540	ZM_001_B2_F02		ZM_001_B2_F02_MR
541	ZM_001_B2_F03		ZM_001_B2_F03_MR
542	ZM_001_B2_F04		ZM_001_B2_F04_MR
543	ZM_001_B2_F05		ZM_001_B2_F05_MR
544	ZM_001_B2_F06		ZM_001_B2_F06_MR
545	ZM_001_B2_F07		ZM_001_B2_F07_MR
546	ZM_001_B2_F08		ZM_001_B2_F08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
547	ZM_001_B2_F09		ZM_001_B2_F09_MR
548	ZM_001_B2_F10		ZM_001_B2_F10_MR
549	ZM_001_B2_F11		ZM_001_B2_F11_MR
550	ZM_001_B2_F12		ZM_001_B2_F12_MR
551	ZM_001_B2_G01		ZM_001_B2_G01_MR
552	ZM_001_B2_G03		ZM_001_B2_G03_MR
553	ZM_001_B2_G04		ZM_001_B2_G04_MR
554	ZM_001_B2_G05		ZM_001_B2_G05_MR
555	ZM_001_B2_G06		ZM_001_B2_G06_MR
556	ZM_001_B2_G07		ZM_001_B2_G07_MR
557	ZM_001_B2_G08		ZM_001_B2_G08_MR
558	ZM_001_B2_G09		ZM_001_B2_G09_MR
559	ZM_001_B2_G10		ZM_001_B2_G10_MR
560	ZM_001_B2_G11		ZM_001_B2_G11_MR
561	ZM_001_B2_G12		ZM_001_B2_G12_MR
562	ZM_001_B2_H01		ZM_001_B2_H01_MR
563	ZM_001_B2_H02		ZM_001_B2_H02_MR
564	ZM_001_B2_H03		ZM_001_B2_H03_MR
565	ZM_001_B2_H04		ZM_001_B2_H04_MR
566	ZM_001_B2_H05		ZM_001_B2_H05_MR
567	ZM_001_B2_H06		ZM_001_B2_H06_MR
568	ZM_001_B2_H07		ZM_001_B2_H07_MR
569	ZM_001_B2_H09		ZM_001_B2_H09_MR
570	ZM_001_B2_H10		ZM_001_B2_H10_MR
571	ZM_001_B2_H11		ZM_001_B2_H11_MR
572	ZM_002_A1_A01	ZM_002_A1_A01_T7C	
573	ZM_002_A1_A01		ZM_002_A1_A01_MR
574	ZM_002_A1_A02	ZM_002_A1_A02_T7C	
575	ZM_002_A1_A02		ZM_002_A1_A02_MR
576	ZM_002_A1_A03	ZM_002_A1_A03_T7C	
577	ZM_002_A1_A03		ZM_002_A1_A03_MR
578	ZM_002_A1_A04	ZM_002_A1_A04_T7C	
579	ZM_002_A1_A04		ZM_002_A1_A04_MR
580	ZM_002_A1_A05	ZM_002_A1_A05_T7C	
581	ZM_002_A1_A05		ZM_002_A1_A05_MR
582	ZM_002_A1_A06	ZM_002_A1_A06_T7C	
583	ZM_002_A1_A06		ZM_002_A1_A06_MR
584	ZM_002_A1_A07	ZM_002_A1_A07_T7C	
585	ZM_002_A1_A07		ZM_002_A1_A07_MR
586	ZM_002_A1_A08	ZM_002_A1_A08_T7C	
587	ZM_002_A1_A08		ZM_002_A1_A08_MR
588	ZM_002_A1_A09	ZM_002_A1_A09_T7C	
589	ZM_002_A1_A09		ZM_002_A1_A09_MR
590	ZM_002_A1_A11	ZM_002_A1_A11_T7C	
591	ZM_002_A1_A11		ZM_002_A1_A11_MR
592	ZM_002_A1_A12	ZM_002_A1_A12_T7C	
593	ZM_002_A1_A12		ZM_002_A1_A12_MR
594	ZM_002_A1_B01	ZM_002_A1_B01_T7C	
595	ZM_002_A1_B01		ZM_002_A1_B01_MR
596	ZM_002_A1_B02	ZM_002_A1_B02_T7C	
597	ZM_002_A1_B02		ZM_002_A1_B02_MR
598	ZM_002_A1_B03	ZM_002_A1_B03_T7C	
599	ZM_002_A1_B03		ZM_002_A1_B03_MR
600	ZM_002_A1_B04	ZM_002_A1_B04_T7C	
601	ZM_002_A1_B04		ZM_002_A1_B04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
602	ZM_002_A1_B05	ZM_002_A1_B05_T7C	
603	ZM_002_A1_B05		ZM_002_A1_B05_MR
604	ZM_002_A1_B06	ZM_002_A1_B06_T7C	
605	ZM_002_A1_B06		ZM_002_A1_B06_MR
606	ZM_002_A1_B07	ZM_002_A1_B07_T7C	
607	ZM_002_A1_B07		ZM_002_A1_B07_MR
608	ZM_002_A1_B08	ZM_002_A1_B08_T7C	
609	ZM_002_A1_B08		ZM_002_A1_B08_MR
610	ZM_002_A1_B09	ZM_002_A1_B09_T7C	
611	ZM_002_A1_B09		ZM_002_A1_B09_MR
612	ZM_002_A1_B10	ZM_002_A1_B10_T7C	
613	ZM_002_A1_B10		ZM_002_A1_B10_MR
614	ZM_002_A1_B11	ZM_002_A1_B11_T7C	
615	ZM_002_A1_B11		ZM_002_A1_B11_MR
616	ZM_002_A1_B12	ZM_002_A1_B12_T7C	
617	ZM_002_A1_B12		ZM_002_A1_B12_MR
618	ZM_002_A1_C01	ZM_002_A1_C01_T7C	
619	ZM_002_A1_C01		ZM_002_A1_C01_MR
620	ZM_002_A1_C02	ZM_002_A1_C02_T7C	
621	ZM_002_A1_C02		ZM_002_A1_C02_MR
622	ZM_002_A1_C03	ZM_002_A1_C03_T7C	
623	ZM_002_A1_C03		ZM_002_A1_C03_MR
624	ZM_002_A1_C04	ZM_002_A1_C04_T7C	
625	ZM_002_A1_C04		ZM_002_A1_C04_MR
626	ZM_002_A1_C05	ZM_002_A1_C05_T7C	
627	ZM_002_A1_C05		ZM_002_A1_C05_MR
628	ZM_002_A1_C06	ZM_002_A1_C06_T7C	
629	ZM_002_A1_C06		ZM_002_A1_C06_MR
630	ZM_002_A1_C07	ZM_002_A1_C07_T7C	
631	ZM_002_A1_C07		ZM_002_A1_C07_MR
632	ZM_002_A1_C08	ZM_002_A1_C08_T7C	
633	ZM_002_A1_C08		ZM_002_A1_C08_MR
634	ZM_002_A1_C09	ZM_002_A1_C09_T7C	
635	ZM_002_A1_C09		ZM_002_A1_C09_MR
636	ZM_002_A1_C10	ZM_002_A1_C10_T7C	
637	ZM_002_A1_C10		ZM_002_A1_C10_MR
638	ZM_002_A1_C11	ZM_002_A1_C11_T7C	
639	ZM_002_A1_C11		ZM_002_A1_C11_MR
640	ZM_002_A1_C12	ZM_002_A1_C12_T7C	
641	ZM_002_A1_C12		ZM_002_A1_C12_MR
642	ZM_002_A1_D01	ZM_002_A1_D01_T7C	
643	ZM_002_A1_D01		ZM_002_A1_D01_MR
644	ZM_002_A1_D02	ZM_002_A1_D02_T7C	
645	ZM_002_A1_D02		ZM_002_A1_D02_MR
646	ZM_002_A1_D03	ZM_002_A1_D03_T7C	
647	ZM_002_A1_D03		ZM_002_A1_D03_MR
648	ZM_002_A1_D04	ZM_002_A1_D04_T7C	
649	ZM_002_A1_D04		ZM_002_A1_D04_MR
650	ZM_002_A1_D05	ZM_002_A1_D05_T7C	
651	ZM_002_A1_D05		ZM_002_A1_D05_MR
652	ZM_002_A1_D06	ZM_002_A1_D06_T7C	
653	ZM_002_A1_D06		ZM_002_A1_D06_MR
654	ZM_002_A1_D07	ZM_002_A1_D07_T7C	
655	ZM_002_A1_D07		ZM_002_A1_D07_MR
656	ZM_002_A1_D08	ZM_002_A1_D08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
657	ZM_002_A1_D08		ZM_002_A1_D08_MR
658	ZM_002_A1_D09	ZM_002_A1_D09_T7C	
659	ZM_002_A1_D09		ZM_002_A1_D09_MR
660	ZM_002_A1_D10	ZM_002_A1_D10_T7C	
661	ZM_002_A1_D10		ZM_002_A1_D10_MR
662	ZM_002_A1_D11	ZM_002_A1_D11_T7C	
663	ZM_002_A1_D11		ZM_002_A1_D11_MR
664	ZM_002_A1_D12	ZM_002_A1_D12_T7C	
665	ZM_002_A1_E01	ZM_002_A1_E01_T7C	
666	ZM_002_A1_E01		ZM_002_A1_E01_MR
667	ZM_002_A1_E02	ZM_002_A1_E02_T7C	
668	ZM_002_A1_E02		ZM_002_A1_E02_MR
669	ZM_002_A1_E03	ZM_002_A1_E03_T7C	
670	ZM_002_A1_E03		ZM_002_A1_E03_MR
671	ZM_002_A1_E04	ZM_002_A1_E04_T7C	
672	ZM_002_A1_E05	ZM_002_A1_E05_T7C	
673	ZM_002_A1_E05		ZM_002_A1_E05_MR
674	ZM_002_A1_E06	ZM_002_A1_E06_T7C	
675	ZM_002_A1_E06		ZM_002_A1_E06_MR
676	ZM_002_A1_E07	ZM_002_A1_E07_T7C	
677	ZM_002_A1_E07		ZM_002_A1_E07_MR
678	ZM_002_A1_E08	ZM_002_A1_E08_T7C	
679	ZM_002_A1_E08		ZM_002_A1_E08_MR
680	ZM_002_A1_E09	ZM_002_A1_E09_T7C	
681	ZM_002_A1_E09		ZM_002_A1_E09_MR
682	ZM_002_A1_E10	ZM_002_A1_E10_T7C	
683	ZM_002_A1_E10		ZM_002_A1_E10_MR
684	ZM_002_A1_E11	ZM_002_A1_E11_T7C	
685	ZM_002_A1_E11		ZM_002_A1_E11_MR
686	ZM_002_A1_E12	ZM_002_A1_E12_T7C	
687	ZM_002_A1_F01	ZM_002_A1_F01_T7C	
688	ZM_002_A1_F01		ZM_002_A1_F01_MR
689	ZM_002_A1_F02	ZM_002_A1_F02_T7C	
690	ZM_002_A1_F02		ZM_002_A1_F02_MR
691	ZM_002_A1_F03	ZM_002_A1_F03_T7C	
692	ZM_002_A1_F04	ZM_002_A1_F04_T7C	
693	ZM_002_A1_F05	ZM_002_A1_F05_T7C	
694	ZM_002_A1_F05		ZM_002_A1_F05_MR
695	ZM_002_A1_F06	ZM_002_A1_F06_T7C	
696	ZM_002_A1_F06		ZM_002_A1_F06_MR
697	ZM_002_A1_F07		ZM_002_A1_F07_MR
698	ZM_002_A1_F08	ZM_002_A1_F08_T7C	
699	ZM_002_A1_F08		ZM_002_A1_F08_MR
700	ZM_002_A1_F09	ZM_002_A1_F09_T7C	
701	ZM_002_A1_F09		ZM_002_A1_F09_MR
702	ZM_002_A1_F10	ZM_002_A1_F10_T7C	
703	ZM_002_A1_F10		ZM_002_A1_F10_MR
704	ZM_002_A1_F11	ZM_002_A1_F11_T7C	
705	ZM_002_A1_F11		ZM_002_A1_F11_MR
706	ZM_002_A1_F12	ZM_002_A1_F12_T7C	
707	ZM_002_A1_F12		ZM_002_A1_F12_MR
708	ZM_002_A1_G01	ZM_002_A1_G01_T7C	
709	ZM_002_A1_G01		ZM_002_A1_G01_MR
710	ZM_002_A1_G02	ZM_002_A1_G02_T7C	
711	ZM_002_A1_G02		ZM_002_A1_G02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
712	ZM_002_A1_G05	ZM_002_A1_G05_T7C	
713	ZM_002_A1_G05		ZM_002_A1_G05_MR
714	ZM_002_A1_G06	ZM_002_A1_G06_T7C	
715	ZM_002_A1_G06		ZM_002_A1_G06_MR
716	ZM_002_A1_G08	ZM_002_A1_G08_T7C	
717	ZM_002_A1_G08		ZM_002_A1_G08_MR
718	ZM_002_A1_G09	ZM_002_A1_G09_T7C	
719	ZM_002_A1_G09		ZM_002_A1_G09_MR
720	ZM_002_A1_G10	ZM_002_A1_G10_T7C	
721	ZM_002_A1_G10		ZM_002_A1_G10_MR
722	ZM_002_A1_G11	ZM_002_A1_G11_T7C	
723	ZM_002_A1_G12	ZM_002_A1_G12_T7C	
724	ZM_002_A1_G12		ZM_002_A1_G12_MR
725	ZM_002_A1_H01	ZM_002_A1_H01_T7C	
726	ZM_002_A1_H01		ZM_002_A1_H01_MR
727	ZM_002_A1_H02	ZM_002_A1_H02_T7C	
728	ZM_002_A1_H02		ZM_002_A1_H02_MR
729	ZM_002_A1_H03	ZM_002_A1_H03_T7C	
730	ZM_002_A1_H03		ZM_002_A1_H03_MR
731	ZM_002_A1_H04	ZM_002_A1_H04_T7C	
732	ZM_002_A1_H04		ZM_002_A1_H04_MR
733	ZM_002_A1_H05	ZM_002_A1_H05_T7C	
734	ZM_002_A1_H05		ZM_002_A1_H05_MR
735	ZM_002_A1_H06	ZM_002_A1_H06_T7C	
736	ZM_002_A1_H06		ZM_002_A1_H06_MR
737	ZM_002_A1_H07	ZM_002_A1_H07_T7C	
738	ZM_002_A1_H07		ZM_002_A1_H07_MR
739	ZM_002_A1_H08	ZM_002_A1_H08_T7C	
740	ZM_002_A1_H08		ZM_002_A1_H08_MR
741	ZM_002_A1_H09	ZM_002_A1_H09_T7C	
742	ZM_002_A1_H09		ZM_002_A1_H09_MR
743	ZM_002_A1_H10	ZM_002_A1_H10_T7C	
744	ZM_002_A1_H10		ZM_002_A1_H10_MR
745	ZM_002_A1_H11	ZM_002_A1_H11_T7C	
746	ZM_002_A1_H11		ZM_002_A1_H11_MR
747	ZM_002_A2_A01	ZM_002_A2_A01_T7C	
748	ZM_002_A2_A02	ZM_002_A2_A02_T7C	
749	ZM_002_A2_A04	ZM_002_A2_A04_T7C	
750	ZM_002_A2_A04		ZM_002_A2_A04_MR
751	ZM_002_A2_A06	ZM_002_A2_A06_T7C	
752	ZM_002_A2_A06		ZM_002_A2_A06_MR
753	ZM_002_A2_A07	ZM_002_A2_A07_T7C	
754	ZM_002_A2_A07		ZM_002_A2_A07_MR
755	ZM_002_A2_A08	ZM_002_A2_A08_T7C	
756	ZM_002_A2_A08		ZM_002_A2_A08_MR
757	ZM_002_A2_A09	ZM_002_A2_A09_T7C	
758	ZM_002_A2_A09		ZM_002_A2_A09_MR
759	ZM_002_A2_A10	ZM_002_A2_A10_T7C	
760	ZM_002_A2_A10		ZM_002_A2_A10_MR
761	ZM_002_A2_A11	ZM_002_A2_A11_T7C	
762	ZM_002_A2_A11		ZM_002_A2_A11_MR
763	ZM_002_A2_A12	ZM_002_A2_A12_T7C	
764	ZM_002_A2_A12		ZM_002_A2_A12_MR
765	ZM_002_A2_B01	ZM_002_A2_B01_T7C	
766	ZM_002_A2_B01		ZM_002_A2_B01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
767	ZM_002_A2_B02	ZM_002_A2_B02_T7C	
768	ZM_002_A2_B03	ZM_002_A2_B03_T7C	
769	ZM_002_A2_B03		ZM_002_A2_B03_MR
770	ZM_002_A2_B04	ZM_002_A2_B04_T7C	
771	ZM_002_A2_B04		ZM_002_A2_B04_MR
772	ZM_002_A2_B05	ZM_002_A2_B05_T7C	
773	ZM_002_A2_B05		ZM_002_A2_B05_MR
774	ZM_002_A2_B06	ZM_002_A2_B06_T7C	
775	ZM_002_A2_B06		ZM_002_A2_B06_MR
776	ZM_002_A2_B07	ZM_002_A2_B07_T7C	
777	ZM_002_A2_B07		ZM_002_A2_B07_MR
778	ZM_002_A2_B08	ZM_002_A2_B08_T7C	
779	ZM_002_A2_B08		ZM_002_A2_B08_MR
780	ZM_002_A2_B09	ZM_002_A2_B09_T7C	
781	ZM_002_A2_B09		ZM_002_A2_B09_MR
782	ZM_002_A2_B10	ZM_002_A2_B10_T7C	
783	ZM_002_A2_B10		ZM_002_A2_B10_MR
784	ZM_002_A2_B11	ZM_002_A2_B11_T7C	
785	ZM_002_A2_B11		ZM_002_A2_B11_MR
786	ZM_002_A2_B12		ZM_002_A2_B12_MR
787	ZM_002_A2_C01	ZM_002_A2_C01_T7C	
788	ZM_002_A2_C01		ZM_002_A2_C01_MR
789	ZM_002_A2_C02	ZM_002_A2_C02_T7C	
790	ZM_002_A2_C02		ZM_002_A2_C02_MR
791	ZM_002_A2_C03	ZM_002_A2_C03_T7C	
792	ZM_002_A2_C03		ZM_002_A2_C03_MR
793	ZM_002_A2_C04	ZM_002_A2_C04_T7C	
794	ZM_002_A2_C04		ZM_002_A2_C04_MR
795	ZM_002_A2_C05	ZM_002_A2_C05_T7C	
796	ZM_002_A2_C05		ZM_002_A2_C05_MR
797	ZM_002_A2_C06	ZM_002_A2_C06_T7C	
798	ZM_002_A2_C06		ZM_002_A2_C06_MR
799	ZM_002_A2_C07	ZM_002_A2_C07_T7C	
800	ZM_002_A2_C08	ZM_002_A2_C08_T7C	
801	ZM_002_A2_C08		ZM_002_A2_C08_MR
802	ZM_002_A2_C09	ZM_002_A2_C09_T7C	
803	ZM_002_A2_C09		ZM_002_A2_C09_MR
804	ZM_002_A2_C10	ZM_002_A2_C10_T7C	
805	ZM_002_A2_C11	ZM_002_A2_C11_T7C	
806	ZM_002_A2_C12	ZM_002_A2_C12_T7C	
807	ZM_002_A2_C12		ZM_002_A2_C12_MR
808	ZM_002_A2_D01	ZM_002_A2_D01_T7C	
809	ZM_002_A2_D02	ZM_002_A2_D02_T7C	
810	ZM_002_A2_D02		ZM_002_A2_D02_MR
811	ZM_002_A2_D03	ZM_002_A2_D03_T7C	
812	ZM_002_A2_D03		ZM_002_A2_D03_MR
813	ZM_002_A2_D04	ZM_002_A2_D04_T7C	
814	ZM_002_A2_D05	ZM_002_A2_D05_T7C	
815	ZM_002_A2_D05		ZM_002_A2_D05_MR
816	ZM_002_A2_D07	ZM_002_A2_D07_T7C	
817	ZM_002_A2_D07		ZM_002_A2_D07_MR
818	ZM_002_A2_D08	ZM_002_A2_D08_T7C	
819	ZM_002_A2_D08		ZM_002_A2_D08_MR
820	ZM_002_A2_D09	ZM_002_A2_D09_T7C	
821	ZM_002_A2_D10	ZM_002_A2_D10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
822	ZM_002_A2_D10		ZM_002_A2_D10_MR
823	ZM_002_A2_D11	ZM_002_A2_D11_T7C	
824	ZM_002_A2_D11		ZM_002_A2_D11_MR
825	ZM_002_A2_D12	ZM_002_A2_D12_T7C	
826	ZM_002_A2_D12		ZM_002_A2_D12_MR
827	ZM_002_A2_E01	ZM_002_A2_E01_T7C	
828	ZM_002_A2_E01		ZM_002_A2_E01_MR
829	ZM_002_A2_E02	ZM_002_A2_E02_T7C	
830	ZM_002_A2_E04	ZM_002_A2_E04_T7C	
831	ZM_002_A2_E05	ZM_002_A2_E05_T7C	
832	ZM_002_A2_E05		ZM_002_A2_E05_MR
833	ZM_002_A2_E06	ZM_002_A2_E06_T7C	
834	ZM_002_A2_E06		ZM_002_A2_E06_MR
835	ZM_002_A2_E07		ZM_002_A2_E07_MR
836	ZM_002_A2_E08	ZM_002_A2_E08_T7C	
837	ZM_002_A2_E09	ZM_002_A2_E09_T7C	
838	ZM_002_A2_E09		ZM_002_A2_E09_MR
839	ZM_002_A2_E10	ZM_002_A2_E10_T7C	
840	ZM_002_A2_E12		ZM_002_A2_E12_MR
841	ZM_002_A2_F01	ZM_002_A2_F01_T7C	
842	ZM_002_A2_F01		ZM_002_A2_F01_MR
843	ZM_002_A2_F02	ZM_002_A2_F02_T7C	
844	ZM_002_A2_F02		ZM_002_A2_F02_MR
845	ZM_002_A2_F03	ZM_002_A2_F03_T7C	
846	ZM_002_A2_F04	ZM_002_A2_F04_T7C	
847	ZM_002_A2_F05	ZM_002_A2_F05_T7C	
848	ZM_002_A2_F06	ZM_002_A2_F06_T7C	
849	ZM_002_A2_F06		ZM_002_A2_F06_MR
850	ZM_002_A2_F08	ZM_002_A2_F08_T7C	
851	ZM_002_A2_F09	ZM_002_A2_F09_T7C	
852	ZM_002_A2_F10	ZM_002_A2_F10_T7C	
853	ZM_002_A2_F11	ZM_002_A2_F11_T7C	
854	ZM_002_A2_F12	ZM_002_A2_F12_T7C	
855	ZM_002_A2_G01	ZM_002_A2_G01_T7C	
856	ZM_002_A2_G01		ZM_002_A2_G01_MR
857	ZM_002_A2_G02	ZM_002_A2_G02_T7C	
858	ZM_002_A2_G02		ZM_002_A2_G02_MR
859	ZM_002_A2_G03	ZM_002_A2_G03_T7C	
860	ZM_002_A2_G04	ZM_002_A2_G04_T7C	
861	ZM_002_A2_G04		ZM_002_A2_G04_MR
862	ZM_002_A2_G05	ZM_002_A2_G05_T7C	
863	ZM_002_A2_G06	ZM_002_A2_G06_T7C	
864	ZM_002_A2_G06		ZM_002_A2_G06_MR
865	ZM_002_A2_G08	ZM_002_A2_G08_T7C	
866	ZM_002_A2_G08		ZM_002_A2_G08_MR
867	ZM_002_A2_G10	ZM_002_A2_G10_T7C	
868	ZM_002_A2_G10		ZM_002_A2_G10_MR
869	ZM_002_A2_G12	ZM_002_A2_G12_T7C	
870	ZM_002_A2_G12		ZM_002_A2_G12_MR
871	ZM_002_A2_H01	ZM_002_A2_H01_T7C	
872	ZM_002_A2_H01		ZM_002_A2_H01_MR
873	ZM_002_A2_H02	ZM_002_A2_H02_T7C	
874	ZM_002_A2_H02		ZM_002_A2_H02_MR
875	ZM_002_A2_H03	ZM_002_A2_H03_T7C	
876	ZM_002_A2_H04	ZM_002_A2_H04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
877	ZM_002_A2_H04		ZM_002_A2_H04_MR
878	ZM_002_A2_H05	ZM_002_A2_H05_T7C	
879	ZM_002_A2_H05		ZM_002_A2_H05_MR
880	ZM_002_A2_H06	ZM_002_A2_H06_T7C	
881	ZM_002_A2_H06		ZM_002_A2_H06_MR
882	ZM_002_A2_H07	ZM_002_A2_H07_T7C	
883	ZM_002_A2_H08	ZM_002_A2_H08_T7C	
884	ZM_002_A2_H08		ZM_002_A2_H08_MR
885	ZM_002_A2_H10	ZM_002_A2_H10_T7C	
886	ZM_002_A2_H10		ZM_002_A2_H10_MR
887	ZM_002_A2_H11	ZM_002_A2_H11_T7C	
888	ZM_002_A2_H12	ZM_002_A2_H12_T7C	
889	ZM_002_B1_A01	ZM_002_B1_A01_T7C	
890	ZM_002_B1_A01		ZM_002_B1_A01_MR
891	ZM_002_B1_A02	ZM_002_B1_A02_T7C	
892	ZM_002_B1_A02		ZM_002_B1_A02_MR
893	ZM_002_B1_A03	ZM_002_B1_A03_T7C	
894	ZM_002_B1_A03		ZM_002_B1_A03_MR
895	ZM_002_B1_A04	ZM_002_B1_A04_T7C	
896	ZM_002_B1_A05	ZM_002_B1_A05_T7C	
897	ZM_002_B1_A05		ZM_002_B1_A05_MR
898	ZM_002_B1_A07	ZM_002_B1_A07_T7C	
899	ZM_002_B1_A07		ZM_002_B1_A07_MR
900	ZM_002_B1_A09	ZM_002_B1_A09_T7C	
901	ZM_002_B1_A09		ZM_002_B1_A09_MR
902	ZM_002_B1_A10	ZM_002_B1_A10_T7C	
903	ZM_002_B1_A10		ZM_002_B1_A10_MR
904	ZM_002_B1_A11	ZM_002_B1_A11_T7C	
905	ZM_002_B1_A11		ZM_002_B1_A11_MR
906	ZM_002_B1_A12	ZM_002_B1_A12_T7C	
907	ZM_002_B1_A12		ZM_002_B1_A12_MR
908	ZM_002_B1_B01	ZM_002_B1_B01_T7C	
909	ZM_002_B1_B01		ZM_002_B1_B01_MR
910	ZM_002_B1_B02	ZM_002_B1_B02_T7C	
911	ZM_002_B1_B02		ZM_002_B1_B02_MR
912	ZM_002_B1_B03	ZM_002_B1_B03_T7C	
913	ZM_002_B1_B03		ZM_002_B1_B03_MR
914	ZM_002_B1_B04	ZM_002_B1_B04_T7C	
915	ZM_002_B1_B04		ZM_002_B1_B04_MR
916	ZM_002_B1_B05	ZM_002_B1_B05_T7C	
917	ZM_002_B1_B05		ZM_002_B1_B05_MR
918	ZM_002_B1_B06	ZM_002_B1_B06_T7C	
919	ZM_002_B1_B06		ZM_002_B1_B06_MR
920	ZM_002_B1_B07	ZM_002_B1_B07_T7C	
921	ZM_002_B1_B07		ZM_002_B1_B07_MR
922	ZM_002_B1_B08	ZM_002_B1_B08_T7C	
923	ZM_002_B1_B08		ZM_002_B1_B08_MR
924	ZM_002_B1_B09	ZM_002_B1_B09_T7C	
925	ZM_002_B1_B09		ZM_002_B1_B09_MR
926	ZM_002_B1_B10	ZM_002_B1_B10_T7C	
927	ZM_002_B1_B10		ZM_002_B1_B10_MR
928	ZM_002_B1_B11	ZM_002_B1_B11_T7C	
929	ZM_002_B1_B11		ZM_002_B1_B11_MR
930	ZM_002_B1_B12	ZM_002_B1_B12_T7C	
931	ZM_002_B1_B12		ZM_002_B1_B12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
932	ZM_002_B1_C02	ZM_002_B1_C02_T7C	
933	ZM_002_B1_C02		ZM_002_B1_C02_MR
934	ZM_002_B1_C03	ZM_002_B1_C03_T7C	
935	ZM_002_B1_C03		ZM_002_B1_C03_MR
936	ZM_002_B1_C04	ZM_002_B1_C04_T7C	
937	ZM_002_B1_C04		ZM_002_B1_C04_MR
938	ZM_002_B1_C05	ZM_002_B1_C05_T7C	
939	ZM_002_B1_C06	ZM_002_B1_C06_T7C	
940	ZM_002_B1_C06		ZM_002_B1_C06_MR
941	ZM_002_B1_C07	ZM_002_B1_C07_T7C	
942	ZM_002_B1_C07		ZM_002_B1_C07_MR
943	ZM_002_B1_C08	ZM_002_B1_C08_T7C	
944	ZM_002_B1_C08		ZM_002_B1_C08_MR
945	ZM_002_B1_C09	ZM_002_B1_C09_T7C	
946	ZM_002_B1_C09		ZM_002_B1_C09_MR
947	ZM_002_B1_C10	ZM_002_B1_C10_T7C	
948	ZM_002_B1_C10		ZM_002_B1_C10_MR
949	ZM_002_B1_C11	ZM_002_B1_C11_T7C	
950	ZM_002_B1_C11		ZM_002_B1_C11_MR
951	ZM_002_B1_C12	ZM_002_B1_C12_T7C	
952	ZM_002_B1_C12		ZM_002_B1_C12_MR
953	ZM_002_B1_D01	ZM_002_B1_D01_T7C	
954	ZM_002_B1_D01		ZM_002_B1_D01_MR
955	ZM_002_B1_D02	ZM_002_B1_D02_T7C	
956	ZM_002_B1_D02		ZM_002_B1_D02_MR
957	ZM_002_B1_D03	ZM_002_B1_D03_T7C	
958	ZM_002_B1_D03		ZM_002_B1_D03_MR
959	ZM_002_B1_D04	ZM_002_B1_D04_T7C	
960	ZM_002_B1_D04		ZM_002_B1_D04_MR
961	ZM_002_B1_D05	ZM_002_B1_D05_T7C	
962	ZM_002_B1_D05		ZM_002_B1_D05_MR
963	ZM_002_B1_D06	ZM_002_B1_D06_T7C	
964	ZM_002_B1_D07	ZM_002_B1_D07_T7C	
965	ZM_002_B1_D08	ZM_002_B1_D08_T7C	
966	ZM_002_B1_D08		ZM_002_B1_D08_MR
967	ZM_002_B1_D09	ZM_002_B1_D09_T7C	
968	ZM_002_B1_D09		ZM_002_B1_D09_MR
969	ZM_002_B1_D10	ZM_002_B1_D10_T7C	
970	ZM_002_B1_D10		ZM_002_B1_D10_MR
971	ZM_002_B1_D11	ZM_002_B1_D11_T7C	
972	ZM_002_B1_D12	ZM_002_B1_D12_T7C	
973	ZM_002_B1_D12		ZM_002_B1_D12_MR
974	ZM_002_B1_E01	ZM_002_B1_E01_T7C	
975	ZM_002_B1_E01		ZM_002_B1_E01_MR
976	ZM_002_B1_E02	ZM_002_B1_E02_T7C	
977	ZM_002_B1_E02		ZM_002_B1_E02_MR
978	ZM_002_B1_E04	ZM_002_B1_E04_T7C	
979	ZM_002_B1_E04		ZM_002_B1_E04_MR
980	ZM_002_B1_E05	ZM_002_B1_E05_T7C	
981	ZM_002_B1_E05		ZM_002_B1_E05_MR
982	ZM_002_B1_E06		ZM_002_B1_E06_MR
983	ZM_002_B1_E07	ZM_002_B1_E07_T7C	
984	ZM_002_B1_E07		ZM_002_B1_E07_MR
985	ZM_002_B1_E08	ZM_002_B1_E08_T7C	
986	ZM_002_B1_E08		ZM_002_B1_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
987	ZM_002_B1_E09	ZM_002_B1_E09_T7C	
988	ZM_002_B1_E09		ZM_002_B1_E09_MR
989	ZM_002_B1_E10	ZM_002_B1_E10_T7C	
990	ZM_002_B1_E10		ZM_002_B1_E10_MR
991	ZM_002_B1_E11	ZM_002_B1_E11_T7C	
992	ZM_002_B1_E11		ZM_002_B1_E11_MR
993	ZM_002_B1_E12	ZM_002_B1_E12_T7C	
994	ZM_002_B1_E12		ZM_002_B1_E12_MR
995	ZM_002_B1_F01	ZM_002_B1_F01_T7C	
996	ZM_002_B1_F01		ZM_002_B1_F01_MR
997	ZM_002_B1_F05	ZM_002_B1_F05_T7C	
998	ZM_002_B1_F05		ZM_002_B1_F05_MR
999	ZM_002_B1_F06	ZM_002_B1_F06_T7C	
1000	ZM_002_B1_F07	ZM_002_B1_F07_T7C	
1001	ZM_002_B1_F07		ZM_002_B1_F07_MR
1002	ZM_002_B1_F08	ZM_002_B1_F08_T7C	
1003	ZM_002_B1_F08		ZM_002_B1_F08_MR
1004	ZM_002_B1_F09	ZM_002_B1_F09_T7C	
1005	ZM_002_B1_F09		ZM_002_B1_F09_MR
1006	ZM_002_B1_F10	ZM_002_B1_F10_T7C	
1007	ZM_002_B1_F10		ZM_002_B1_F10_MR
1008	ZM_002_B1_F11	ZM_002_B1_F11_T7C	
1009	ZM_002_B1_F11		ZM_002_B1_F11_MR
1010	ZM_002_B1_F12	ZM_002_B1_F12_T7C	
1011	ZM_002_B1_F12		ZM_002_B1_F12_MR
1012	ZM_002_B1_G01	ZM_002_B1_G01_T7C	
1013	ZM_002_B1_G01		ZM_002_B1_G01_MR
1014	ZM_002_B1_G02	ZM_002_B1_G02_T7C	
1015	ZM_002_B1_G02		ZM_002_B1_G02_MR
1016	ZM_002_B1_G03	ZM_002_B1_G03_T7C	
1017	ZM_002_B1_G03		ZM_002_B1_G03_MR
1018	ZM_002_B1_G04	ZM_002_B1_G04_T7C	
1019	ZM_002_B1_G04		ZM_002_B1_G04_MR
1020	ZM_002_B1_G05	ZM_002_B1_G05_T7C	
1021	ZM_002_B1_G05		ZM_002_B1_G05_MR
1022	ZM_002_B1_G06	ZM_002_B1_G06_T7C	
1023	ZM_002_B1_G06		ZM_002_B1_G06_MR
1024	ZM_002_B1_G07	ZM_002_B1_G07_T7C	
1025	ZM_002_B1_G07		ZM_002_B1_G07_MR
1026	ZM_002_B1_G08	ZM_002_B1_G08_T7C	
1027	ZM_002_B1_G08		ZM_002_B1_G08_MR
1028	ZM_002_B1_G09	ZM_002_B1_G09_T7C	
1029	ZM_002_B1_G09		ZM_002_B1_G09_MR
1030	ZM_002_B1_G10	ZM_002_B1_G10_T7C	
1031	ZM_002_B1_G10		ZM_002_B1_G10_MR
1032	ZM_002_B1_G11	ZM_002_B1_G11_T7C	
1033	ZM_002_B1_G11		ZM_002_B1_G11_MR
1034	ZM_002_B1_G12	ZM_002_B1_G12_T7C	
1035	ZM_002_B1_G12		ZM_002_B1_G12_MR
1036	ZM_002_B1_H01	ZM_002_B1_H01_T7C	
1037	ZM_002_B1_H01		ZM_002_B1_H01_MR
1038	ZM_002_B1_H02		ZM_002_B1_H02_MR
1039	ZM_002_B1_H03	ZM_002_B1_H03_T7C	
1040	ZM_002_B1_H03		ZM_002_B1_H03_MR
1041	ZM_002_B1_H04	ZM_002_B1_H04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1042	ZM_002_B1_H04		ZM_002_B1_H04_MR
1043	ZM_002_B1_H05	ZM_002_B1_H05_T7C	
1044	ZM_002_B1_H05		ZM_002_B1_H05_MR
1045	ZM_002_B1_H06	ZM_002_B1_H06_T7C	
1046	ZM_002_B1_H06		ZM_002_B1_H06_MR
1047	ZM_002_B1_H07	ZM_002_B1_H07_T7C	
1048	ZM_002_B1_H07		ZM_002_B1_H07_MR
1049	ZM_002_B1_H08	ZM_002_B1_H08_T7C	
1050	ZM_002_B1_H08		ZM_002_B1_H08_MR
1051	ZM_002_B1_H10	ZM_002_B1_H10_T7C	
1052	ZM_002_B1_H10		ZM_002_B1_H10_MR
1053	ZM_002_B1_H11	ZM_002_B1_H11_T7C	
1054	ZM_002_B1_H11		ZM_002_B1_H11_MR
1055	ZM_002_B1_H12	ZM_002_B1_H12_T7C	
1056	ZM_002_B1_H12		ZM_002_B1_H12_MR
1057	ZM_003_A1_A01	ZM_003_A1_A01_T7C	
1058	ZM_003_A1_A01		ZM_003_A1_A01_MR
1059	ZM_003_A1_A02	ZM_003_A1_A02_T7C	
1060	ZM_003_A1_A02		ZM_003_A1_A02_MR
1061	ZM_003_A1_A03	ZM_003_A1_A03_T7C	
1062	ZM_003_A1_A04	ZM_003_A1_A04_T7C	
1063	ZM_003_A1_A04		ZM_003_A1_A04_MR
1064	ZM_003_A1_A05	ZM_003_A1_A05_T7C	
1065	ZM_003_A1_A07	ZM_003_A1_A07_T7C	
1066	ZM_003_A1_A07		ZM_003_A1_A07_MR
1067	ZM_003_A1_A08	ZM_003_A1_A08_T7C	
1068	ZM_003_A1_A08		ZM_003_A1_A08_MR
1069	ZM_003_A1_A09	ZM_003_A1_A09_T7C	
1070	ZM_003_A1_A09		ZM_003_A1_A09_MR
1071	ZM_003_A1_A10	ZM_003_A1_A10_T7C	
1072	ZM_003_A1_A11	ZM_003_A1_A11_T7C	
1073	ZM_003_A1_A11		ZM_003_A1_A11_MR
1074	ZM_003_A1_A12		ZM_003_A1_A12_MR
1075	ZM_003_A1_B04	ZM_003_A1_B04_T7C	
1076	ZM_003_A1_B06	ZM_003_A1_B06_T7C	
1077	ZM_003_A1_B07	ZM_003_A1_B07_T7C	
1078	ZM_003_A1_B07		ZM_003_A1_B07_MR
1079	ZM_003_A1_B08		ZM_003_A1_B08_MR
1080	ZM_003_A1_B09		ZM_003_A1_B09_MR
1081	ZM_003_A1_B10	ZM_003_A1_B10_T7C	
1082	ZM_003_A1_B11	ZM_003_A1_B11_T7C	
1083	ZM_003_A1_B11		ZM_003_A1_B11_MR
1084	ZM_003_A1_C01	ZM_003_A1_C01_T7C	
1085	ZM_003_A1_C01		ZM_003_A1_C01_MR
1086	ZM_003_A1_C02	ZM_003_A1_C02_T7C	
1087	ZM_003_A1_C02		ZM_003_A1_C02_MR
1088	ZM_003_A1_C04	ZM_003_A1_C04_T7C	
1089	ZM_003_A1_C04		ZM_003_A1_C04_MR
1090	ZM_003_A1_C05	ZM_003_A1_C05_T7C	
1091	ZM_003_A1_C05		ZM_003_A1_C05_MR
1092	ZM_003_A1_C06	ZM_003_A1_C06_T7C	
1093	ZM_003_A1_C06		ZM_003_A1_C06_MR
1094	ZM_003_A1_C07	ZM_003_A1_C07_T7C	
1095	ZM_003_A1_C07		ZM_003_A1_C07_MR
1096	ZM_003_A1_C08		ZM_003_A1_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1097	ZM_003_A1_C09		ZM_003_A1_C09_MR
1098	ZM_003_A1_C10	ZM_003_A1_C10_T7C	
1099	ZM_003_A1_C11	ZM_003_A1_C11_T7C	
1100	ZM_003_A1_C11		ZM_003_A1_C11_MR
1101	ZM_003_A1_C12	ZM_003_A1_C12_T7C	
1102	ZM_003_A1_D01	ZM_003_A1_D01_T7C	
1103	ZM_003_A1_D01		ZM_003_A1_D01_MR
1104	ZM_003_A1_D02	ZM_003_A1_D02_T7C	
1105	ZM_003_A1_D02		ZM_003_A1_D02_MR
1106	ZM_003_A1_D04	ZM_003_A1_D04_T7C	
1107	ZM_003_A1_D05	ZM_003_A1_D05_T7C	
1108	ZM_003_A1_D05		ZM_003_A1_D05_MR
1109	ZM_003_A1_D06	ZM_003_A1_D06_T7C	
1110	ZM_003_A1_D07	ZM_003_A1_D07_T7C	
1111	ZM_003_A1_D07		ZM_003_A1_D07_MR
1112	ZM_003_A1_D08	ZM_003_A1_D08_T7C	
1113	ZM_003_A1_D08		ZM_003_A1_D08_MR
1114	ZM_003_A1_D09	ZM_003_A1_D09_T7C	
1115	ZM_003_A1_D09		ZM_003_A1_D09_MR
1116	ZM_003_A1_D10	ZM_003_A1_D10_T7C	
1117	ZM_003_A1_D10		ZM_003_A1_D10_MR
1118	ZM_003_A1_D11	ZM_003_A1_D11_T7C	
1119	ZM_003_A1_D11		ZM_003_A1_D11_MR
1120	ZM_003_A1_E02	ZM_003_A1_E02_T7C	
1121	ZM_003_A1_E02		ZM_003_A1_E02_MR
1122	ZM_003_A1_E03	ZM_003_A1_E03_T7C	
1123	ZM_003_A1_E04	ZM_003_A1_E04_T7C	
1124	ZM_003_A1_E05	ZM_003_A1_E05_T7C	
1125	ZM_003_A1_E05		ZM_003_A1_E05_MR
1126	ZM_003_A1_E06	ZM_003_A1_E06_T7C	
1127	ZM_003_A1_E06		ZM_003_A1_E06_MR
1128	ZM_003_A1_E07	ZM_003_A1_E07_T7C	
1129	ZM_003_A1_E07		ZM_003_A1_E07_MR
1130	ZM_003_A1_E08	ZM_003_A1_E08_T7C	
1131	ZM_003_A1_E08		ZM_003_A1_E08_MR
1132	ZM_003_A1_E09	ZM_003_A1_E09_T7C	
1133	ZM_003_A1_E09		ZM_003_A1_E09_MR
1134	ZM_003_A1_E10	ZM_003_A1_E10_T7C	
1135	ZM_003_A1_E10		ZM_003_A1_E10_MR
1136	ZM_003_A1_E11	ZM_003_A1_E11_T7C	
1137	ZM_003_A1_E11		ZM_003_A1_E11_MR
1138	ZM_003_A1_E12	ZM_003_A1_E12_T7C	
1139	ZM_003_A1_E12		ZM_003_A1_E12_MR
1140	ZM_003_A1_F01	ZM_003_A1_F01_T7C	
1141	ZM_003_A1_F01		ZM_003_A1_F01_MR
1142	ZM_003_A1_F02	ZM_003_A1_F02_T7C	
1143	ZM_003_A1_F04	ZM_003_A1_F04_T7C	
1144	ZM_003_A1_F04		ZM_003_A1_F04_MR
1145	ZM_003_A1_F05	ZM_003_A1_F05_T7C	
1146	ZM_003_A1_F07	ZM_003_A1_F07_T7C	
1147	ZM_003_A1_F07		ZM_003_A1_F07_MR
1148	ZM_003_A1_F08	ZM_003_A1_F08_T7C	
1149	ZM_003_A1_F09		ZM_003_A1_F09_MR
1150	ZM_003_A1_F10	ZM_003_A1_F10_T7C	
1151	ZM_003_A1_F10		ZM_003_A1_F10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1152	ZM_003_A1_F11	ZM_003_A1_F11_T7C	
1153	ZM_003_A1_F11		ZM_003_A1_F11_MR
1154	ZM_003_A1_F12	ZM_003_A1_F12_T7C	
1155	ZM_003_A1_F12		ZM_003_A1_F12_MR
1156	ZM_003_A1_G01	ZM_003_A1_G01_T7C	
1157	ZM_003_A1_G02	ZM_003_A1_G02_T7C	
1158	ZM_003_A1_G02		ZM_003_A1_G02_MR
1159	ZM_003_A1_G03	ZM_003_A1_G03_T7C	
1160	ZM_003_A1_G04	ZM_003_A1_G04_T7C	
1161	ZM_003_A1_G04		ZM_003_A1_G04_MR
1162	ZM_003_A1_G05	ZM_003_A1_G05_T7C	
1163	ZM_003_A1_G08	ZM_003_A1_G08_T7C	
1164	ZM_003_A1_G08		ZM_003_A1_G08_MR
1165	ZM_003_A1_G09	ZM_003_A1_G09_T7C	
1166	ZM_003_A1_G09		ZM_003_A1_G09_MR
1167	ZM_003_A1_G10		ZM_003_A1_G10_MR
1168	ZM_003_A1_G11	ZM_003_A1_G11_T7C	
1169	ZM_003_A1_G11		ZM_003_A1_G11_MR
1170	ZM_003_A1_G12	ZM_003_A1_G12_T7C	
1171	ZM_003_A1_G12		ZM_003_A1_G12_MR
1172	ZM_003_A1_H01	ZM_003_A1_H01_T7C	
1173	ZM_003_A1_H01		ZM_003_A1_H01_MR
1174	ZM_003_A1_H02	ZM_003_A1_H02_T7C	
1175	ZM_003_A1_H02		ZM_003_A1_H02_MR
1176	ZM_003_A1_H04	ZM_003_A1_H04_T7C	
1177	ZM_003_A1_H04		ZM_003_A1_H04_MR
1178	ZM_003_A1_H05	ZM_003_A1_H05_T7C	
1179	ZM_003_A1_H05		ZM_003_A1_H05_MR
1180	ZM_003_A1_H07	ZM_003_A1_H07_T7C	
1181	ZM_003_A1_H07		ZM_003_A1_H07_MR
1182	ZM_003_A1_H08	ZM_003_A1_H08_T7C	
1183	ZM_003_A1_H08		ZM_003_A1_H08_MR
1184	ZM_003_A1_H09		ZM_003_A1_H09_MR
1185	ZM_003_A1_H10		ZM_003_A1_H10_MR
1186	ZM_003_A1_H11	ZM_003_A1_H11_T7C	
1187	ZM_003_A1_H12	ZM_003_A1_H12_T7C	
1188	ZM_003_A1_H12		ZM_003_A1_H12_MR
1189	ZM_003_A2_A02	ZM_003_A2_A02_T7C	
1190	ZM_003_A2_A03	ZM_003_A2_A03_T7C	
1191	ZM_003_A2_A03		ZM_003_A2_A03_MR
1192	ZM_003_A2_A04	ZM_003_A2_A04_T7C	
1193	ZM_003_A2_A04		ZM_003_A2_A04_MR
1194	ZM_003_A2_A05	ZM_003_A2_A05_T7C	
1195	ZM_003_A2_A05		ZM_003_A2_A05_MR
1196	ZM_003_A2_A07	ZM_003_A2_A07_T7C	
1197	ZM_003_A2_A07		ZM_003_A2_A07_MR
1198	ZM_003_A2_A08	ZM_003_A2_A08_T7C	
1199	ZM_003_A2_A08		ZM_003_A2_A08_MR
1200	ZM_003_A2_A09		ZM_003_A2_A09_MR
1201	ZM_003_A2_A10	ZM_003_A2_A10_T7C	
1202	ZM_003_A2_A10		ZM_003_A2_A10_MR
1203	ZM_003_A2_A11	ZM_003_A2_A11_T7C	
1204	ZM_003_A2_A11		ZM_003_A2_A11_MR
1205	ZM_003_A2_A12	ZM_003_A2_A12_T7C	
1206	ZM_003_A2_B01	ZM_003_A2_B01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1207	ZM_003_A2_B01		ZM_003_A2_B01_MR
1208	ZM_003_A2_B02	ZM_003_A2_B02_T7C	
1209	ZM_003_A2_B02		ZM_003_A2_B02_MR
1210	ZM_003_A2_B03	ZM_003_A2_B03_T7C	
1211	ZM_003_A2_B03		ZM_003_A2_B03_MR
1212	ZM_003_A2_B04	ZM_003_A2_B04_T7C	
1213	ZM_003_A2_B04		ZM_003_A2_B04_MR
1214	ZM_003_A2_B05	ZM_003_A2_B05_T7C	
1215	ZM_003_A2_B05		ZM_003_A2_B05_MR
1216	ZM_003_A2_B06	ZM_003_A2_B06_T7C	
1217	ZM_003_A2_B06		ZM_003_A2_B06_MR
1218	ZM_003_A2_B07	ZM_003_A2_B07_T7C	
1219	ZM_003_A2_B07		ZM_003_A2_B07_MR
1220	ZM_003_A2_B09	ZM_003_A2_B09_T7C	
1221	ZM_003_A2_B09		ZM_003_A2_B09_MR
1222	ZM_003_A2_B10	ZM_003_A2_B10_T7C	
1223	ZM_003_A2_B10		ZM_003_A2_B10_MR
1224	ZM_003_A2_B11	ZM_003_A2_B11_T7C	
1225	ZM_003_A2_B11		ZM_003_A2_B11_MR
1226	ZM_003_A2_B12	ZM_003_A2_B12_T7C	
1227	ZM_003_A2_B12		ZM_003_A2_B12_MR
1228	ZM_003_A2_C01	ZM_003_A2_C01_T7C	
1229	ZM_003_A2_C01		ZM_003_A2_C01_MR
1230	ZM_003_A2_C02	ZM_003_A2_C02_T7C	
1231	ZM_003_A2_C02		ZM_003_A2_C02_MR
1232	ZM_003_A2_C03	ZM_003_A2_C03_T7C	
1233	ZM_003_A2_C03		ZM_003_A2_C03_MR
1234	ZM_003_A2_C04	ZM_003_A2_C04_T7C	
1235	ZM_003_A2_C04		ZM_003_A2_C04_MR
1236	ZM_003_A2_C05	ZM_003_A2_C05_T7C	
1237	ZM_003_A2_C05		ZM_003_A2_C05_MR
1238	ZM_003_A2_C06	ZM_003_A2_C06_T7C	
1239	ZM_003_A2_C06		ZM_003_A2_C06_MR
1240	ZM_003_A2_C07	ZM_003_A2_C07_T7C	
1241	ZM_003_A2_C07		ZM_003_A2_C07_MR
1242	ZM_003_A2_C08	ZM_003_A2_C08_T7C	
1243	ZM_003_A2_C08		ZM_003_A2_C08_MR
1244	ZM_003_A2_C09	ZM_003_A2_C09_T7C	
1245	ZM_003_A2_C09		ZM_003_A2_C09_MR
1246	ZM_003_A2_C10	ZM_003_A2_C10_T7C	
1247	ZM_003_A2_C10		ZM_003_A2_C10_MR
1248	ZM_003_A2_C11	ZM_003_A2_C11_T7C	
1249	ZM_003_A2_C11		ZM_003_A2_C11_MR
1250	ZM_003_A2_C12	ZM_003_A2_C12_T7C	
1251	ZM_003_A2_C12		ZM_003_A2_C12_MR
1252	ZM_003_A2_D01	ZM_003_A2_D01_T7C	
1253	ZM_003_A2_D01		ZM_003_A2_D01_MR
1254	ZM_003_A2_D02	ZM_003_A2_D02_T7C	
1255	ZM_003_A2_D02		ZM_003_A2_D02_MR
1256	ZM_003_A2_D03	ZM_003_A2_D03_T7C	
1257	ZM_003_A2_D03		ZM_003_A2_D03_MR
1258	ZM_003_A2_D04	ZM_003_A2_D04_T7C	
1259	ZM_003_A2_D04		ZM_003_A2_D04_MR
1260	ZM_003_A2_D05	ZM_003_A2_D05_T7C	
1261	ZM_003_A2_D05		ZM_003_A2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1262	ZM_003_A2_D06	ZM_003_A2_D06_T7C	
1263	ZM_003_A2_D06		ZM_003_A2_D06_MR
1264	ZM_003_A2_D07	ZM_003_A2_D07_T7C	
1265	ZM_003_A2_D07		ZM_003_A2_D07_MR
1266	ZM_003_A2_D08	ZM_003_A2_D08_T7C	
1267	ZM_003_A2_D08		ZM_003_A2_D08_MR
1268	ZM_003_A2_D09	ZM_003_A2_D09_T7C	
1269	ZM_003_A2_D09		ZM_003_A2_D09_MR
1270	ZM_003_A2_D11	ZM_003_A2_D11_T7C	
1271	ZM_003_A2_D11		ZM_003_A2_D11_MR
1272	ZM_003_A2_D12	ZM_003_A2_D12_T7C	
1273	ZM_003_A2_D12		ZM_003_A2_D12_MR
1274	ZM_003_A2_E01	ZM_003_A2_E01_T7C	
1275	ZM_003_A2_E01		ZM_003_A2_E01_MR
1276	ZM_003_A2_E02	ZM_003_A2_E02_T7C	
1277	ZM_003_A2_E02		ZM_003_A2_E02_MR
1278	ZM_003_A2_E03	ZM_003_A2_E03_T7C	
1279	ZM_003_A2_E03		ZM_003_A2_E03_MR
1280	ZM_003_A2_E04	ZM_003_A2_E04_T7C	
1281	ZM_003_A2_E04		ZM_003_A2_E04_MR
1282	ZM_003_A2_E05	ZM_003_A2_E05_T7C	
1283	ZM_003_A2_E05		ZM_003_A2_E05_MR
1284	ZM_003_A2_E06	ZM_003_A2_E06_T7C	
1285	ZM_003_A2_E06		ZM_003_A2_E06_MR
1286	ZM_003_A2_E07		ZM_003_A2_E07_MR
1287	ZM_003_A2_E09	ZM_003_A2_E09_T7C	
1288	ZM_003_A2_E10	ZM_003_A2_E10_T7C	
1289	ZM_003_A2_E10		ZM_003_A2_E10_MR
1290	ZM_003_A2_E11	ZM_003_A2_E11_T7C	
1291	ZM_003_A2_E11		ZM_003_A2_E11_MR
1292	ZM_003_A2_E12	ZM_003_A2_E12_T7C	
1293	ZM_003_A2_E12		ZM_003_A2_E12_MR
1294	ZM_003_A2_F01	ZM_003_A2_F01_T7C	
1295	ZM_003_A2_F01		ZM_003_A2_F01_MR
1296	ZM_003_A2_F02	ZM_003_A2_F02_T7C	
1297	ZM_003_A2_F02		ZM_003_A2_F02_MR
1298	ZM_003_A2_F04	ZM_003_A2_F04_T7C	
1299	ZM_003_A2_F04		ZM_003_A2_F04_MR
1300	ZM_003_A2_F05	ZM_003_A2_F05_T7C	
1301	ZM_003_A2_F05		ZM_003_A2_F05_MR
1302	ZM_003_A2_F07	ZM_003_A2_F07_T7C	
1303	ZM_003_A2_F07		ZM_003_A2_F07_MR
1304	ZM_003_A2_F08	ZM_003_A2_F08_T7C	
1305	ZM_003_A2_F09		ZM_003_A2_F09_MR
1306	ZM_003_A2_F10	ZM_003_A2_F10_T7C	
1307	ZM_003_A2_F10		ZM_003_A2_F10_MR
1308	ZM_003_A2_F11	ZM_003_A2_F11_T7C	
1309	ZM_003_A2_F11		ZM_003_A2_F11_MR
1310	ZM_003_A2_F12	ZM_003_A2_F12_T7C	
1311	ZM_003_A2_F12		ZM_003_A2_F12_MR
1312	ZM_003_A2_G01	ZM_003_A2_G01_T7C	
1313	ZM_003_A2_G01		ZM_003_A2_G01_MR
1314	ZM_003_A2_G02	ZM_003_A2_G02_T7C	
1315	ZM_003_A2_G02		ZM_003_A2_G02_MR
1316	ZM_003_A2_G03	ZM_003_A2_G03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1317	ZM_003_A2_G03		ZM_003_A2_G03_MR
1318	ZM_003_A2_G04		ZM_003_A2_G04_MR
1319	ZM_003_A2_G05	ZM_003_A2_G05_T7C	
1320	ZM_003_A2_G06	ZM_003_A2_G06_T7C	
1321	ZM_003_A2_G06		ZM_003_A2_G06_MR
1322	ZM_003_A2_G07	ZM_003_A2_G07_T7C	
1323	ZM_003_A2_G07		ZM_003_A2_G07_MR
1324	ZM_003_A2_G08	ZM_003_A2_G08_T7C	
1325	ZM_003_A2_G08		ZM_003_A2_G08_MR
1326	ZM_003_A2_G09	ZM_003_A2_G09_T7C	
1327	ZM_003_A2_G09		ZM_003_A2_G09_MR
1328	ZM_003_A2_G10	ZM_003_A2_G10_T7C	
1329	ZM_003_A2_G10		ZM_003_A2_G10_MR
1330	ZM_003_A2_G11	ZM_003_A2_G11_T7C	
1331	ZM_003_A2_G11		ZM_003_A2_G11_MR
1332	ZM_003_A2_G12	ZM_003_A2_G12_T7C	
1333	ZM_003_A2_G12		ZM_003_A2_G12_MR
1334	ZM_003_A2_H01		ZM_003_A2_H01_MR
1335	ZM_003_A2_H02	ZM_003_A2_H02_T7C	
1336	ZM_003_A2_H02		ZM_003_A2_H02_MR
1337	ZM_003_A2_H03	ZM_003_A2_H03_T7C	
1338	ZM_003_A2_H03		ZM_003_A2_H03_MR
1339	ZM_003_A2_H04	ZM_003_A2_H04_T7C	
1340	ZM_003_A2_H04		ZM_003_A2_H04_MR
1341	ZM_003_A2_H05	ZM_003_A2_H05_T7C	
1342	ZM_003_A2_H05		ZM_003_A2_H05_MR
1343	ZM_003_A2_H06	ZM_003_A2_H06_T7C	
1344	ZM_003_A2_H06		ZM_003_A2_H06_MR
1345	ZM_003_A2_H07	ZM_003_A2_H07_T7C	
1346	ZM_003_A2_H07		ZM_003_A2_H07_MR
1347	ZM_003_A2_H08	ZM_003_A2_H08_T7C	
1348	ZM_003_A2_H08		ZM_003_A2_H08_MR
1349	ZM_003_A2_H09	ZM_003_A2_H09_T7C	
1350	ZM_003_A2_H09		ZM_003_A2_H09_MR
1351	ZM_003_A2_H10	ZM_003_A2_H10_T7C	
1352	ZM_003_A2_H10		ZM_003_A2_H10_MR
1353	ZM_003_A2_H12	ZM_003_A2_H12_T7C	
1354	ZM_003_A2_H12		ZM_003_A2_H12_MR
1355	ZM_003_B1_A01	ZM_003_B1_A01_T7C	
1356	ZM_003_B1_A01		ZM_003_B1_A01_MR
1357	ZM_003_B1_A03	ZM_003_B1_A03_T7C	
1358	ZM_003_B1_A03		ZM_003_B1_A03_MR
1359	ZM_003_B1_A04	ZM_003_B1_A04_T7C	
1360	ZM_003_B1_A04		ZM_003_B1_A04_MR
1361	ZM_003_B1_A06	ZM_003_B1_A06_T7C	
1362	ZM_003_B1_A06		ZM_003_B1_A06_MR
1363	ZM_003_B1_A07		ZM_003_B1_A07_MR
1364	ZM_003_B1_A08	ZM_003_B1_A08_T7C	
1365	ZM_003_B1_A08		ZM_003_B1_A08_MR
1366	ZM_003_B1_A10	ZM_003_B1_A10_T7C	
1367	ZM_003_B1_A10		ZM_003_B1_A10_MR
1368	ZM_003_B1_A11		ZM_003_B1_A11_MR
1369	ZM_003_B1_A12	ZM_003_B1_A12_T7C	
1370	ZM_003_B1_A12		ZM_003_B1_A12_MR
1371	ZM_003_B1_B01	ZM_003_B1_B01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1372	ZM_003_B1_B01		ZM_003_B1_B01_MR
1373	ZM_003_B1_B02	ZM_003_B1_B02_T7C	
1374	ZM_003_B1_B02		ZM_003_B1_B02_MR
1375	ZM_003_B1_B03	ZM_003_B1_B03_T7C	
1376	ZM_003_B1_B03		ZM_003_B1_B03_MR
1377	ZM_003_B1_B04	ZM_003_B1_B04_T7C	
1378	ZM_003_B1_B06	ZM_003_B1_B06_T7C	
1379	ZM_003_B1_B06		ZM_003_B1_B06_MR
1380	ZM_003_B1_B07	ZM_003_B1_B07_T7C	
1381	ZM_003_B1_B07		ZM_003_B1_B07_MR
1382	ZM_003_B1_B08	ZM_003_B1_B08_T7C	
1383	ZM_003_B1_B08		ZM_003_B1_B08_MR
1384	ZM_003_B1_B09	ZM_003_B1_B09_T7C	
1385	ZM_003_B1_B09		ZM_003_B1_B09_MR
1386	ZM_003_B1_B10	ZM_003_B1_B10_T7C	
1387	ZM_003_B1_B11	ZM_003_B1_B11_T7C	
1388	ZM_003_B1_B11		ZM_003_B1_B11_MR
1389	ZM_003_B1_B12		ZM_003_B1_B12_MR
1390	ZM_003_B1_C01	ZM_003_B1_C01_T7C	
1391	ZM_003_B1_C01		ZM_003_B1_C01_MR
1392	ZM_003_B1_C02	ZM_003_B1_C02_T7C	
1393	ZM_003_B1_C02		ZM_003_B1_C02_MR
1394	ZM_003_B1_C03		ZM_003_B1_C03_MR
1395	ZM_003_B1_C04	ZM_003_B1_C04_T7C	
1396	ZM_003_B1_C04		ZM_003_B1_C04_MR
1397	ZM_003_B1_C05	ZM_003_B1_C05_T7C	
1398	ZM_003_B1_C05		ZM_003_B1_C05_MR
1399	ZM_003_B1_C06	ZM_003_B1_C06_T7C	
1400	ZM_003_B1_C06		ZM_003_B1_C06_MR
1401	ZM_003_B1_C07	ZM_003_B1_C07_T7C	
1402	ZM_003_B1_C07		ZM_003_B1_C07_MR
1403	ZM_003_B1_C08	ZM_003_B1_C08_T7C	
1404	ZM_003_B1_C08		ZM_003_B1_C08_MR
1405	ZM_003_B1_C09	ZM_003_B1_C09_T7C	
1406	ZM_003_B1_C09		ZM_003_B1_C09_MR
1407	ZM_003_B1_C10	ZM_003_B1_C10_T7C	
1408	ZM_003_B1_C10		ZM_003_B1_C10_MR
1409	ZM_003_B1_C11	ZM_003_B1_C11_T7C	
1410	ZM_003_B1_C12	ZM_003_B1_C12_T7C	
1411	ZM_003_B1_D01	ZM_003_B1_D01_T7C	
1412	ZM_003_B1_D01		ZM_003_B1_D01_MR
1413	ZM_003_B1_D02	ZM_003_B1_D02_T7C	
1414	ZM_003_B1_D02		ZM_003_B1_D02_MR
1415	ZM_003_B1_D03	ZM_003_B1_D03_T7C	
1416	ZM_003_B1_D03		ZM_003_B1_D03_MR
1417	ZM_003_B1_D04	ZM_003_B1_D04_T7C	
1418	ZM_003_B1_D04		ZM_003_B1_D04_MR
1419	ZM_003_B1_D05	ZM_003_B1_D05_T7C	
1420	ZM_003_B1_D05		ZM_003_B1_D05_MR
1421	ZM_003_B1_D06	ZM_003_B1_D06_T7C	
1422	ZM_003_B1_D06		ZM_003_B1_D06_MR
1423	ZM_003_B1_D07	ZM_003_B1_D07_T7C	
1424	ZM_003_B1_D07		ZM_003_B1_D07_MR
1425	ZM_003_B1_D08	ZM_003_B1_D08_T7C	
1426	ZM_003_B1_D08		ZM_003_B1_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1427	ZM_003_B1_D09	ZM_003_B1_D09_T7C	
1428	ZM_003_B1_D09		ZM_003_B1_D09_MR
1429	ZM_003_B1_D10	ZM_003_B1_D10_T7C	
1430	ZM_003_B1_D10		ZM_003_B1_D10_MR
1431	ZM_003_B1_D11		ZM_003_B1_D11_MR
1432	ZM_003_B1_D12	ZM_003_B1_D12_T7C	
1433	ZM_003_B1_D12		ZM_003_B1_D12_MR
1434	ZM_003_B1_E01	ZM_003_B1_E01_T7C	
1435	ZM_003_B1_E01		ZM_003_B1_E01_MR
1436	ZM_003_B1_E03	ZM_003_B1_E03_T7C	
1437	ZM_003_B1_E04	ZM_003_B1_E04_T7C	
1438	ZM_003_B1_E04		ZM_003_B1_E04_MR
1439	ZM_003_B1_E05	ZM_003_B1_E05_T7C	
1440	ZM_003_B1_E05		ZM_003_B1_E05_MR
1441	ZM_003_B1_E06	ZM_003_B1_E06_T7C	
1442	ZM_003_B1_E07	ZM_003_B1_E07_T7C	
1443	ZM_003_B1_E07		ZM_003_B1_E07_MR
1444	ZM_003_B1_E08	ZM_003_B1_E08_T7C	
1445	ZM_003_B1_E08		ZM_003_B1_E08_MR
1446	ZM_003_B1_E09	ZM_003_B1_E09_T7C	
1447	ZM_003_B1_E09		ZM_003_B1_E09_MR
1448	ZM_003_B1_E10	ZM_003_B1_E10_T7C	
1449	ZM_003_B1_E10		ZM_003_B1_E10_MR
1450	ZM_003_B1_E11	ZM_003_B1_E11_T7C	
1451	ZM_003_B1_E12	ZM_003_B1_E12_T7C	
1452	ZM_003_B1_F01	ZM_003_B1_F01_T7C	
1453	ZM_003_B1_F01		ZM_003_B1_F01_MR
1454	ZM_003_B1_F02	ZM_003_B1_F02_T7C	
1455	ZM_003_B1_F03	ZM_003_B1_F03_T7C	
1456	ZM_003_B1_F03		ZM_003_B1_F03_MR
1457	ZM_003_B1_F04	ZM_003_B1_F04_T7C	
1458	ZM_003_B1_F04		ZM_003_B1_F04_MR
1459	ZM_003_B1_F05	ZM_003_B1_F05_T7C	
1460	ZM_003_B1_F05		ZM_003_B1_F05_MR
1461	ZM_003_B1_F07	ZM_003_B1_F07_T7C	
1462	ZM_003_B1_F08	ZM_003_B1_F08_T7C	
1463	ZM_003_B1_F08		ZM_003_B1_F08_MR
1464	ZM_003_B1_F09	ZM_003_B1_F09_T7C	
1465	ZM_003_B1_F09		ZM_003_B1_F09_MR
1466	ZM_003_B1_F10	ZM_003_B1_F10_T7C	
1467	ZM_003_B1_F11	ZM_003_B1_F11_T7C	
1468	ZM_003_B1_F11		ZM_003_B1_F11_MR
1469	ZM_003_B1_F12	ZM_003_B1_F12_T7C	
1470	ZM_003_B1_F12		ZM_003_B1_F12_MR
1471	ZM_003_B1_G01	ZM_003_B1_G01_T7C	
1472	ZM_003_B1_G02	ZM_003_B1_G02_T7C	
1473	ZM_003_B1_G02		ZM_003_B1_G02_MR
1474	ZM_003_B1_G04	ZM_003_B1_G04_T7C	
1475	ZM_003_B1_G04		ZM_003_B1_G04_MR
1476	ZM_003_B1_G05	ZM_003_B1_G05_T7C	
1477	ZM_003_B1_G05		ZM_003_B1_G05_MR
1478	ZM_003_B1_G06	ZM_003_B1_G06_T7C	
1479	ZM_003_B1_G06		ZM_003_B1_G06_MR
1480	ZM_003_B1_G07	ZM_003_B1_G07_T7C	
1481	ZM_003_B1_G07		ZM_003_B1_G07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1482	ZM_003_B1_G08	ZM_003_B1_G08_T7C	
1483	ZM_003_B1_G08		ZM_003_B1_G08_MR
1484	ZM_003_B1_G09	ZM_003_B1_G09_T7C	
1485	ZM_003_B1_G09		ZM_003_B1_G09_MR
1486	ZM_003_B1_G10	ZM_003_B1_G10_T7C	
1487	ZM_003_B1_G10		ZM_003_B1_G10_MR
1488	ZM_003_B1_G11	ZM_003_B1_G11_T7C	
1489	ZM_003_B1_G11		ZM_003_B1_G11_MR
1490	ZM_003_B1_G12	ZM_003_B1_G12_T7C	
1491	ZM_003_B1_G12		ZM_003_B1_G12_MR
1492	ZM_003_B1_H01	ZM_003_B1_H01_T7C	
1493	ZM_003_B1_H01		ZM_003_B1_H01_MR
1494	ZM_003_B1_H02	ZM_003_B1_H02_T7C	
1495	ZM_003_B1_H02		ZM_003_B1_H02_MR
1496	ZM_003_B1_H03	ZM_003_B1_H03_T7C	
1497	ZM_003_B1_H03		ZM_003_B1_H03_MR
1498	ZM_003_B1_H04	ZM_003_B1_H04_T7C	
1499	ZM_003_B1_H05	ZM_003_B1_H05_T7C	
1500	ZM_003_B1_H05		ZM_003_B1_H05_MR
1501	ZM_003_B1_H06	ZM_003_B1_H06_T7C	
1502	ZM_003_B1_H06		ZM_003_B1_H06_MR
1503	ZM_003_B1_H07	ZM_003_B1_H07_T7C	
1504	ZM_003_B1_H08	ZM_003_B1_H08_T7C	
1505	ZM_003_B1_H08		ZM_003_B1_H08_MR
1506	ZM_003_B1_H09	ZM_003_B1_H09_T7C	
1507	ZM_003_B1_H09		ZM_003_B1_H09_MR
1508	ZM_003_B1_H10	ZM_003_B1_H10_T7C	
1509	ZM_003_B1_H10		ZM_003_B1_H10_MR
1510	ZM_003_B1_H11	ZM_003_B1_H11_T7C	
1511	ZM_003_B1_H11		ZM_003_B1_H11_MR
1512	ZM_003_B1_H12	ZM_003_B1_H12_T7C	
1513	ZM_003_B1_H12		ZM_003_B1_H12_MR
1514	ZM_003_B2_A01		ZM_003_B2_A01_MR
1515	ZM_003_B2_A02	ZM_003_B2_A02_T7C	
1516	ZM_003_B2_A03	ZM_003_B2_A03_T7C	
1517	ZM_003_B2_A04		ZM_003_B2_A04_MR
1518	ZM_003_B2_A05	ZM_003_B2_A05_T7C	
1519	ZM_003_B2_A05		ZM_003_B2_A05_MR
1520	ZM_003_B2_A06	ZM_003_B2_A06_T7C	
1521	ZM_003_B2_A07	ZM_003_B2_A07_T7C	
1522	ZM_003_B2_A09	ZM_003_B2_A09_T7C	
1523	ZM_003_B2_A09		ZM_003_B2_A09_MR
1524	ZM_003_B2_A10	ZM_003_B2_A10_T7C	
1525	ZM_003_B2_A10		ZM_003_B2_A10_MR
1526	ZM_003_B2_A11	ZM_003_B2_A11_T7C	
1527	ZM_003_B2_A12	ZM_003_B2_A12_T7C	
1528	ZM_003_B2_B01	ZM_003_B2_B01_T7C	
1529	ZM_003_B2_B01		ZM_003_B2_B01_MR
1530	ZM_003_B2_B02	ZM_003_B2_B02_T7C	
1531	ZM_003_B2_B02		ZM_003_B2_B02_MR
1532	ZM_003_B2_B03	ZM_003_B2_B03_T7C	
1533	ZM_003_B2_B03		ZM_003_B2_B03_MR
1534	ZM_003_B2_B04	ZM_003_B2_B04_T7C	
1535	ZM_003_B2_B05	ZM_003_B2_B05_T7C	
1536	ZM_003_B2_B06	ZM_003_B2_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1537	ZM_003_B2_B06		ZM_003_B2_B06_MR
1538	ZM_003_B2_B08	ZM_003_B2_B08_T7C	
1539	ZM_003_B2_B08		ZM_003_B2_B08_MR
1540	ZM_003_B2_B09	ZM_003_B2_B09_T7C	
1541	ZM_003_B2_B09		ZM_003_B2_B09_MR
1542	ZM_003_B2_B10	ZM_003_B2_B10_T7C	
1543	ZM_003_B2_B10		ZM_003_B2_B10_MR
1544	ZM_003_B2_B11	ZM_003_B2_B11_T7C	
1545	ZM_003_B2_B11		ZM_003_B2_B11_MR
1546	ZM_003_B2_B12	ZM_003_B2_B12_T7C	
1547	ZM_003_B2_B12		ZM_003_B2_B12_MR
1548	ZM_003_B2_C01	ZM_003_B2_C01_T7C	
1549	ZM_003_B2_C01		ZM_003_B2_C01_MR
1550	ZM_003_B2_C02		ZM_003_B2_C02_MR
1551	ZM_003_B2_C03	ZM_003_B2_C03_T7C	
1552	ZM_003_B2_C03		ZM_003_B2_C03_MR
1553	ZM_003_B2_C04	ZM_003_B2_C04_T7C	
1554	ZM_003_B2_C04		ZM_003_B2_C04_MR
1555	ZM_003_B2_C05	ZM_003_B2_C05_T7C	
1556	ZM_003_B2_C05		ZM_003_B2_C05_MR
1557	ZM_003_B2_C06	ZM_003_B2_C06_T7C	
1558	ZM_003_B2_C06		ZM_003_B2_C06_MR
1559	ZM_003_B2_C07	ZM_003_B2_C07_T7C	
1560	ZM_003_B2_C08	ZM_003_B2_C08_T7C	
1561	ZM_003_B2_C09	ZM_003_B2_C09_T7C	
1562	ZM_003_B2_C09		ZM_003_B2_C09_MR
1563	ZM_003_B2_C10	ZM_003_B2_C10_T7C	
1564	ZM_003_B2_C10		ZM_003_B2_C10_MR
1565	ZM_003_B2_C11	ZM_003_B2_C11_T7C	
1566	ZM_003_B2_C11		ZM_003_B2_C11_MR
1567	ZM_003_B2_C12	ZM_003_B2_C12_T7C	
1568	ZM_003_B2_D02	ZM_003_B2_D02_T7C	
1569	ZM_003_B2_D03	ZM_003_B2_D03_T7C	
1570	ZM_003_B2_D03		ZM_003_B2_D03_MR
1571	ZM_003_B2_D04	ZM_003_B2_D04_T7C	
1572	ZM_003_B2_D04		ZM_003_B2_D04_MR
1573	ZM_003_B2_D05	ZM_003_B2_D05_T7C	
1574	ZM_003_B2_D05		ZM_003_B2_D05_MR
1575	ZM_003_B2_D06	ZM_003_B2_D06_T7C	
1576	ZM_003_B2_D06		ZM_003_B2_D06_MR
1577	ZM_003_B2_D07	ZM_003_B2_D07_T7C	
1578	ZM_003_B2_D07		ZM_003_B2_D07_MR
1579	ZM_003_B2_D08		ZM_003_B2_D08_MR
1580	ZM_003_B2_D09	ZM_003_B2_D09_T7C	
1581	ZM_003_B2_D10	ZM_003_B2_D10_T7C	
1582	ZM_003_B2_D11	ZM_003_B2_D11_T7C	
1583	ZM_003_B2_D11		ZM_003_B2_D11_MR
1584	ZM_003_B2_D12	ZM_003_B2_D12_T7C	
1585	ZM_003_B2_D12		ZM_003_B2_D12_MR
1586	ZM_003_B2_E02	ZM_003_B2_E02_T7C	
1587	ZM_003_B2_E02		ZM_003_B2_E02_MR
1588	ZM_003_B2_E03	ZM_003_B2_E03_T7C	
1589	ZM_003_B2_E03		ZM_003_B2_E03_MR
1590	ZM_003_B2_E04	ZM_003_B2_E04_T7C	
1591	ZM_003_B2_E04		ZM_003_B2_E04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1592	ZM_003_B2_E05	ZM_003_B2_E05_T7C	
1593	ZM_003_B2_E06		ZM_003_B2_E06_MR
1594	ZM_003_B2_E07	ZM_003_B2_E07_T7C	
1595	ZM_003_B2_E07		ZM_003_B2_E07_MR
1596	ZM_003_B2_E09	ZM_003_B2_E09_T7C	
1597	ZM_003_B2_E10	ZM_003_B2_E10_T7C	
1598	ZM_003_B2_E10		ZM_003_B2_E10_MR
1599	ZM_003_B2_E11	ZM_003_B2_E11_T7C	
1600	ZM_003_B2_E11		ZM_003_B2_E11_MR
1601	ZM_003_B2_F01	ZM_003_B2_F01_T7C	
1602	ZM_003_B2_F01		ZM_003_B2_F01_MR
1603	ZM_003_B2_F02	ZM_003_B2_F02_T7C	
1604	ZM_003_B2_F02		ZM_003_B2_F02_MR
1605	ZM_003_B2_F03		ZM_003_B2_F03_MR
1606	ZM_003_B2_F04	ZM_003_B2_F04_T7C	
1607	ZM_003_B2_F04		ZM_003_B2_F04_MR
1608	ZM_003_B2_F05	ZM_003_B2_F05_T7C	
1609	ZM_003_B2_F06	ZM_003_B2_F06_T7C	
1610	ZM_003_B2_F07		ZM_003_B2_F07_MR
1611	ZM_003_B2_F08		ZM_003_B2_F08_MR
1612	ZM_003_B2_F09	ZM_003_B2_F09_T7C	
1613	ZM_003_B2_F09		ZM_003_B2_F09_MR
1614	ZM_003_B2_F10	ZM_003_B2_F10_T7C	
1615	ZM_003_B2_F10		ZM_003_B2_F10_MR
1616	ZM_003_B2_F11	ZM_003_B2_F11_T7C	
1617	ZM_003_B2_F11		ZM_003_B2_F11_MR
1618	ZM_003_B2_F12		ZM_003_B2_F12_MR
1619	ZM_003_B2_G01	ZM_003_B2_G01_T7C	
1620	ZM_003_B2_G01		ZM_003_B2_G01_MR
1621	ZM_003_B2_G02	ZM_003_B2_G02_T7C	
1622	ZM_003_B2_G02		ZM_003_B2_G02_MR
1623	ZM_003_B2_G03	ZM_003_B2_G03_T7C	
1624	ZM_003_B2_G03		ZM_003_B2_G03_MR
1625	ZM_003_B2_G04	ZM_003_B2_G04_T7C	
1626	ZM_003_B2_G04		ZM_003_B2_G04_MR
1627	ZM_003_B2_G05	ZM_003_B2_G05_T7C	
1628	ZM_003_B2_G06	ZM_003_B2_G06_T7C	
1629	ZM_003_B2_G06		ZM_003_B2_G06_MR
1630	ZM_003_B2_G07	ZM_003_B2_G07_T7C	
1631	ZM_003_B2_G07		ZM_003_B2_G07_MR
1632	ZM_003_B2_G08	ZM_003_B2_G08_T7C	
1633	ZM_003_B2_G08		ZM_003_B2_G08_MR
1634	ZM_003_B2_G09	ZM_003_B2_G09_T7C	
1635	ZM_003_B2_G09		ZM_003_B2_G09_MR
1636	ZM_003_B2_G10	ZM_003_B2_G10_T7C	
1637	ZM_003_B2_G11	ZM_003_B2_G11_T7C	
1638	ZM_003_B2_G11		ZM_003_B2_G11_MR
1639	ZM_003_B2_G12		ZM_003_B2_G12_MR
1640	ZM_003_B2_H01		ZM_003_B2_H01_MR
1641	ZM_003_B2_H02	ZM_003_B2_H02_T7C	
1642	ZM_003_B2_H03	ZM_003_B2_H03_T7C	
1643	ZM_003_B2_H03		ZM_003_B2_H03_MR
1644	ZM_003_B2_H04	ZM_003_B2_H04_T7C	
1645	ZM_003_B2_H05	ZM_003_B2_H05_T7C	
1646	ZM_003_B2_H06	ZM_003_B2_H06_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1647	ZM_003_B2_H06		ZM_003_B2_H06_MR
1648	ZM_003_B2_H07	ZM_003_B2_H07_T7C	
1649	ZM_003_B2_H07		ZM_003_B2_H07_MR
1650	ZM_003_B2_H08	ZM_003_B2_H08_T7C	
1651	ZM_003_B2_H08		ZM_003_B2_H08_MR
1652	ZM_003_B2_H09	ZM_003_B2_H09_T7C	
1653	ZM_003_B2_H09		ZM_003_B2_H09_MR
1654	ZM_003_B2_H10	ZM_003_B2_H10_T7C	
1655	ZM_003_B2_H11	ZM_003_B2_H11_T7C	
1656	ZM_003_B2_H12	ZM_003_B2_H12_T7C	
1657	ZM_003_B2_H12		ZM_003_B2_H12_MR
1658	ZM_0045_B1_A02	ZM_0045_B1_A02_T7C	
1659	ZM_0045_B1_A02		ZM_0045_B1_A02_MR
1660	ZM_0045_B1_A03	ZM_0045_B1_A03_T7C	
1661	ZM_0045_B1_A03		ZM_0045_B1_A03_MR
1662	ZM_0045_B1_A04	ZM_0045_B1_A04_T7C	
1663	ZM_0045_B1_A04		ZM_0045_B1_A04_MR
1664	ZM_0045_B1_A05		ZM_0045_B1_A05_MR
1665	ZM_0045_B1_A06	ZM_0045_B1_A06_T7C	
1666	ZM_0045_B1_A06		ZM_0045_B1_A06_MR
1667	ZM_0045_B1_A07		ZM_0045_B1_A07_MR
1668	ZM_0045_B1_A08		ZM_0045_B1_A08_MR
1669	ZM_0045_B1_A09		ZM_0045_B1_A09_MR
1670	ZM_0045_B1_A10	ZM_0045_B1_A10_T7C	
1671	ZM_0045_B1_A10		ZM_0045_B1_A10_MR
1672	ZM_0045_B1_A11	ZM_0045_B1_A11_T7C	
1673	ZM_0045_B1_A11		ZM_0045_B1_A11_MR
1674	ZM_0045_B1_B01	ZM_0045_B1_B01_T7C	
1675	ZM_0045_B1_B01		ZM_0045_B1_B01_MR
1676	ZM_0045_B1_B02	ZM_0045_B1_B02_T7C	
1677	ZM_0045_B1_B02		ZM_0045_B1_B02_MR
1678	ZM_0045_B1_B03	ZM_0045_B1_B03_T7C	
1679	ZM_0045_B1_B03		ZM_0045_B1_B03_MR
1680	ZM_0045_B1_B04	ZM_0045_B1_B04_T7C	
1681	ZM_0045_B1_B04		ZM_0045_B1_B04_MR
1682	ZM_0045_B1_B05	ZM_0045_B1_B05_T7C	
1683	ZM_0045_B1_B05		ZM_0045_B1_B05_MR
1684	ZM_0045_B1_B06	ZM_0045_B1_B06_T7C	
1685	ZM_0045_B1_B06		ZM_0045_B1_B06_MR
1686	ZM_0045_B1_B08	ZM_0045_B1_B08_T7C	
1687	ZM_0045_B1_B08		ZM_0045_B1_B08_MR
1688	ZM_0045_B1_B09	ZM_0045_B1_B09_T7C	
1689	ZM_0045_B1_B09		ZM_0045_B1_B09_MR
1690	ZM_0045_B1_B10	ZM_0045_B1_B10_T7C	
1691	ZM_0045_B1_B10		ZM_0045_B1_B10_MR
1692	ZM_0045_B1_B11	ZM_0045_B1_B11_T7C	
1693	ZM_0045_B1_B11		ZM_0045_B1_B11_MR
1694	ZM_0045_B1_B12	ZM_0045_B1_B12_T7C	
1695	ZM_0045_B1_B12		ZM_0045_B1_B12_MR
1696	ZM_0045_B1_C02	ZM_0045_B1_C02_T7C	
1697	ZM_0045_B1_C02		ZM_0045_B1_C02_MR
1698	ZM_0045_B1_C06	ZM_0045_B1_C06_T7C	
1699	ZM_0045_B1_C06		ZM_0045_B1_C06_MR
1700	ZM_0045_B1_D01	ZM_0045_B1_D01_T7C	
1701	ZM_0045_B1_D01		ZM_0045_B1_D01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1702	ZM_0045_B1_D02	ZM_0045_B1_D02_T7C	
1703	ZM_0045_B1_D02		ZM_0045_B1_D02_MR
1704	ZM_0045_B1_D03	ZM_0045_B1_D03_T7C	
1705	ZM_0045_B1_D03		ZM_0045_B1_D03_MR
1706	ZM_0045_B1_D04	ZM_0045_B1_D04_T7C	
1707	ZM_0045_B1_D04		ZM_0045_B1_D04_MR
1708	ZM_0045_B1_D05	ZM_0045_B1_D05_T7C	
1709	ZM_0045_B1_D05		ZM_0045_B1_D05_MR
1710	ZM_0045_B1_D06	ZM_0045_B1_D06_T7C	
1711	ZM_0045_B1_D06		ZM_0045_B1_D06_MR
1712	ZM_0045_B1_D07	ZM_0045_B1_D07_T7C	
1713	ZM_0045_B1_D07		ZM_0045_B1_D07_MR
1714	ZM_0045_B1_D08	ZM_0045_B1_D08_T7C	
1715	ZM_0045_B1_D08		ZM_0045_B1_D08_MR
1716	ZM_0045_B1_D09	ZM_0045_B1_D09_T7C	
1717	ZM_0045_B1_D09		ZM_0045_B1_D09_MR
1718	ZM_0045_B1_D10	ZM_0045_B1_D10_T7C	
1719	ZM_0045_B1_D10		ZM_0045_B1_D10_MR
1720	ZM_0045_B1_D11	ZM_0045_B1_D11_T7C	
1721	ZM_0045_B1_D11		ZM_0045_B1_D11_MR
1722	ZM_0045_B1_D12		ZM_0045_B1_D12_MR
1723	ZM_0045_B1_E01	ZM_0045_B1_E01_T7C	
1724	ZM_0045_B1_E01		ZM_0045_B1_E01_MR
1725	ZM_0045_B1_E02	ZM_0045_B1_E02_T7C	
1726	ZM_0045_B1_E02		ZM_0045_B1_E02_MR
1727	ZM_0045_B1_E03	ZM_0045_B1_E03_T7C	
1728	ZM_0045_B1_E03		ZM_0045_B1_E03_MR
1729	ZM_0045_B1_E04	ZM_0045_B1_E04_T7C	
1730	ZM_0045_B1_E04		ZM_0045_B1_E04_MR
1731	ZM_0045_B1_E05	ZM_0045_B1_E05_T7C	
1732	ZM_0045_B1_E05		ZM_0045_B1_E05_MR
1733	ZM_0045_B1_E06	ZM_0045_B1_E06_T7C	
1734	ZM_0045_B1_E06		ZM_0045_B1_E06_MR
1735	ZM_0045_B1_E07	ZM_0045_B1_E07_T7C	
1736	ZM_0045_B1_E07		ZM_0045_B1_E07_MR
1737	ZM_0045_B1_E08	ZM_0045_B1_E08_T7C	
1738	ZM_0045_B1_E08		ZM_0045_B1_E08_MR
1739	ZM_0045_B1_E09	ZM_0045_B1_E09_T7C	
1740	ZM_0045_B1_E09		ZM_0045_B1_E09_MR
1741	ZM_0045_B1_E10	ZM_0045_B1_E10_T7C	
1742	ZM_0045_B1_E10		ZM_0045_B1_E10_MR
1743	ZM_0045_B1_E11	ZM_0045_B1_E11_T7C	
1744	ZM_0045_B1_E11		ZM_0045_B1_E11_MR
1745	ZM_0045_B1_E12		ZM_0045_B1_E12_MR
1746	ZM_0045_B1_F01		ZM_0045_B1_F01_MR
1747	ZM_0045_B1_F02	ZM_0045_B1_F02_T7C	
1748	ZM_0045_B1_F02		ZM_0045_B1_F02_MR
1749	ZM_0045_B1_F03		ZM_0045_B1_F03_MR
1750	ZM_0045_B1_F04	ZM_0045_B1_F04_T7C	
1751	ZM_0045_B1_F04		ZM_0045_B1_F04_MR
1752	ZM_0045_B1_F05		ZM_0045_B1_F05_MR
1753	ZM_0045_B1_F06		ZM_0045_B1_F06_MR
1754	ZM_0045_B1_F07	ZM_0045_B1_F07_T7C	
1755	ZM_0045_B1_F07		ZM_0045_B1_F07_MR
1756	ZM_0045_B1_F08	ZM_0045_B1_F08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1757	ZM_0045_B1_F08		ZM_0045_B1_F08_MR
1758	ZM_0045_B1_F09	ZM_0045_B1_F09_T7C	
1759	ZM_0045_B1_F09		ZM_0045_B1_F09_MR
1760	ZM_0045_B1_F10	ZM_0045_B1_F10_T7C	
1761	ZM_0045_B1_F10		ZM_0045_B1_F10_MR
1762	ZM_0045_B1_F11	ZM_0045_B1_F11_T7C	
1763	ZM_0045_B1_F11		ZM_0045_B1_F11_MR
1764	ZM_0045_B1_F12	ZM_0045_B1_F12_T7C	
1765	ZM_0045_B1_F12		ZM_0045_B1_F12_MR
1766	ZM_0045_B1_G01	ZM_0045_B1_G01_T7C	
1767	ZM_0045_B1_G01		ZM_0045_B1_G01_MR
1768	ZM_0045_B1_G02		ZM_0045_B1_G02_MR
1769	ZM_0045_B1_G03	ZM_0045_B1_G03_T7C	
1770	ZM_0045_B1_G04	ZM_0045_B1_G04_T7C	
1771	ZM_0045_B1_G04		ZM_0045_B1_G04_MR
1772	ZM_0045_B1_G05	ZM_0045_B1_G05_T7C	
1773	ZM_0045_B1_G05		ZM_0045_B1_G05_MR
1774	ZM_0045_B1_G06	ZM_0045_B1_G06_T7C	
1775	ZM_0045_B1_G06		ZM_0045_B1_G06_MR
1776	ZM_0045_B1_G07	ZM_0045_B1_G07_T7C	
1777	ZM_0045_B1_G07		ZM_0045_B1_G07_MR
1778	ZM_0045_B1_G08	ZM_0045_B1_G08_T7C	
1779	ZM_0045_B1_G08		ZM_0045_B1_G08_MR
1780	ZM_0045_B1_G09	ZM_0045_B1_G09_T7C	
1781	ZM_0045_B1_G09		ZM_0045_B1_G09_MR
1782	ZM_0045_B1_G10	ZM_0045_B1_G10_T7C	
1783	ZM_0045_B1_G10		ZM_0045_B1_G10_MR
1784	ZM_0045_B1_G11	ZM_0045_B1_G11_T7C	
1785	ZM_0045_B1_G11		ZM_0045_B1_G11_MR
1786	ZM_0045_B1_G12	ZM_0045_B1_G12_T7C	
1787	ZM_0045_B1_G12		ZM_0045_B1_G12_MR
1788	ZM_0045_B1_H02	ZM_0045_B1_H02_T7C	
1789	ZM_0045_B1_H02		ZM_0045_B1_H02_MR
1790	ZM_0045_B1_H03	ZM_0045_B1_H03_T7C	
1791	ZM_0045_B1_H04	ZM_0045_B1_H04_T7C	
1792	ZM_0045_B1_H04		ZM_0045_B1_H04_MR
1793	ZM_0045_B1_H05	ZM_0045_B1_H05_T7C	
1794	ZM_0045_B1_H05		ZM_0045_B1_H05_MR
1795	ZM_0045_B1_H06	ZM_0045_B1_H06_T7C	
1796	ZM_0045_B1_H06		ZM_0045_B1_H06_MR
1797	ZM_0045_B1_H07	ZM_0045_B1_H07_T7C	
1798	ZM_0045_B1_H07		ZM_0045_B1_H07_MR
1799	ZM_0045_B1_H08	ZM_0045_B1_H08_T7C	
1800	ZM_0045_B1_H08		ZM_0045_B1_H08_MR
1801	ZM_0045_B1_H09	ZM_0045_B1_H09_T7C	
1802	ZM_0045_B1_H09		ZM_0045_B1_H09_MR
1803	ZM_0045_B1_H10	ZM_0045_B1_H10_T7C	
1804	ZM_0045_B1_H10		ZM_0045_B1_H10_MR
1805	ZM_0045_B1_H11	ZM_0045_B1_H11_T7C	
1806	ZM_0045_B1_H11		ZM_0045_B1_H11_MR
1807	ZM_0045_B1_H12		ZM_0045_B1_H12_MR
1808	ZM_0046_B1_A03		ZM_0046_B1_A03_MR
1809	ZM_0046_B1_A04	ZM_0046_B1_A04_T7C	
1810	ZM_0046_B1_A05		ZM_0046_B1_A05_MR
1811	ZM_0046_B1_A10	ZM_0046_B1_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1812	ZM_0046_B1_A10		ZM_0046_B1_A10_MR
1813	ZM_0046_B1_A12		ZM_0046_B1_A12_MR
1814	ZM_0046_B1_B02		ZM_0046_B1_B02_MR
1815	ZM_0046_B1_B04	ZM_0046_B1_B04_T7C	
1816	ZM_0046_B1_B05		ZM_0046_B1_B05_MR
1817	ZM_0046_B1_B06		ZM_0046_B1_B06_MR
1818	ZM_0046_B1_B07	ZM_0046_B1_B07_T7C	
1819	ZM_0046_B1_B08		ZM_0046_B1_B08_MR
1820	ZM_0046_B1_B10	ZM_0046_B1_B10_T7C	
1821	ZM_0046_B1_B10		ZM_0046_B1_B10_MR
1822	ZM_0046_B1_B11	ZM_0046_B1_B11_T7C	
1823	ZM_0046_B1_C01	ZM_0046_B1_C01_T7C	
1824	ZM_0046_B1_C03		ZM_0046_B1_C03_MR
1825	ZM_0046_B1_C04	ZM_0046_B1_C04_T7C	
1826	ZM_0046_B1_C04		ZM_0046_B1_C04_MR
1827	ZM_0046_B1_C05	ZM_0046_B1_C05_T7C	
1828	ZM_0046_B1_C06		ZM_0046_B1_C06_MR
1829	ZM_0046_B1_C07	ZM_0046_B1_C07_T7C	
1830	ZM_0046_B1_C07		ZM_0046_B1_C07_MR
1831	ZM_0046_B1_C10	ZM_0046_B1_C10_T7C	
1832	ZM_0046_B1_C11		ZM_0046_B1_C11_MR
1833	ZM_0046_B1_C12	ZM_0046_B1_C12_T7C	
1834	ZM_0046_B1_C12		ZM_0046_B1_C12_MR
1835	ZM_0046_B1_D02		ZM_0046_B1_D02_MR
1836	ZM_0046_B1_D03	ZM_0046_B1_D03_T7C	
1837	ZM_0046_B1_D04	ZM_0046_B1_D04_T7C	
1838	ZM_0046_B1_D04		ZM_0046_B1_D04_MR
1839	ZM_0046_B1_D05		ZM_0046_B1_D05_MR
1840	ZM_0046_B1_D07	ZM_0046_B1_D07_T7C	
1841	ZM_0046_B1_D08	ZM_0046_B1_D08_T7C	
1842	ZM_0046_B1_D10	ZM_0046_B1_D10_T7C	
1843	ZM_0046_B1_D10		ZM_0046_B1_D10_MR
1844	ZM_0046_B1_D11	ZM_0046_B1_D11_T7C	
1845	ZM_0046_B1_D11		ZM_0046_B1_D11_MR
1846	ZM_0046_B1_D12	ZM_0046_B1_D12_T7C	
1847	ZM_0046_B1_D12		ZM_0046_B1_D12_MR
1848	ZM_0046_B1_E02	ZM_0046_B1_E02_T7C	
1849	ZM_0046_B1_E03	ZM_0046_B1_E03_T7C	
1850	ZM_0046_B1_E04	ZM_0046_B1_E04_T7C	
1851	ZM_0046_B1_E04		ZM_0046_B1_E04_MR
1852	ZM_0046_B1_E05		ZM_0046_B1_E05_MR
1853	ZM_0046_B1_E06	ZM_0046_B1_E06_T7C	
1854	ZM_0046_B1_E06		ZM_0046_B1_E06_MR
1855	ZM_0046_B1_E07	ZM_0046_B1_E07_T7C	
1856	ZM_0046_B1_E07		ZM_0046_B1_E07_MR
1857	ZM_0046_B1_E08	ZM_0046_B1_E08_T7C	
1858	ZM_0046_B1_E09	ZM_0046_B1_E09_T7C	
1859	ZM_0046_B1_E09		ZM_0046_B1_E09_MR
1860	ZM_0046_B1_E10	ZM_0046_B1_E10_T7C	
1861	ZM_0046_B1_E10		ZM_0046_B1_E10_MR
1862	ZM_0046_B1_E11	ZM_0046_B1_E11_T7C	
1863	ZM_0046_B1_E11		ZM_0046_B1_E11_MR
1864	ZM_0046_B1_E12	ZM_0046_B1_E12_T7C	
1865	ZM_0046_B1_E12		ZM_0046_B1_E12_MR
1866	ZM_0046_B1_F01	ZM_0046_B1_F01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1867	ZM_0046_B1_F03	ZM_0046_B1_F03_T7C	
1868	ZM_0046_B1_F06	ZM_0046_B1_F06_T7C	
1869	ZM_0046_B1_F07	ZM_0046_B1_F07_T7C	
1870	ZM_0046_B1_F07		ZM_0046_B1_F07_MR
1871	ZM_0046_B1_F08	ZM_0046_B1_F08_T7C	
1872	ZM_0046_B1_F08		ZM_0046_B1_F08_MR
1873	ZM_0046_B1_F09	ZM_0046_B1_F09_T7C	
1874	ZM_0046_B1_F09		ZM_0046_B1_F09_MR
1875	ZM_0046_B1_F10	ZM_0046_B1_F10_T7C	
1876	ZM_0046_B1_F10		ZM_0046_B1_F10_MR
1877	ZM_0046_B1_F11	ZM_0046_B1_F11_T7C	
1878	ZM_0046_B1_F11		ZM_0046_B1_F11_MR
1879	ZM_0046_B1_F12	ZM_0046_B1_F12_T7C	
1880	ZM_0046_B1_G04	ZM_0046_B1_G04_T7C	
1881	ZM_0046_B1_G04		ZM_0046_B1_G04_MR
1882	ZM_0046_B1_G05		ZM_0046_B1_G05_MR
1883	ZM_0046_B1_G07		ZM_0046_B1_G07_MR
1884	ZM_0046_B1_G08	ZM_0046_B1_G08_T7C	
1885	ZM_0046_B1_G08		ZM_0046_B1_G08_MR
1886	ZM_0046_B1_G09	ZM_0046_B1_G09_T7C	
1887	ZM_0046_B1_G10	ZM_0046_B1_G10_T7C	
1888	ZM_0046_B1_G10		ZM_0046_B1_G10_MR
1889	ZM_0046_B1_G11	ZM_0046_B1_G11_T7C	
1890	ZM_0046_B1_G11		ZM_0046_B1_G11_MR
1891	ZM_0046_B1_H03	ZM_0046_B1_H03_T7C	
1892	ZM_0046_B1_H06	ZM_0046_B1_H06_T7C	
1893	ZM_0046_B1_H07	ZM_0046_B1_H07_T7C	
1894	ZM_0046_B1_H08	ZM_0046_B1_H08_T7C	
1895	ZM_0046_B1_H09	ZM_0046_B1_H09_T7C	
1896	ZM_0046_B1_H11		ZM_0046_B1_H11_MR
1897	ZM_0046_B1_H12	ZM_0046_B1_H12_T7C	
1898	ZM_0046_B1_H12		ZM_0046_B1_H12_MR
1899	ZM_0047_B1_A04	ZM_0047_B1_A04_T7C	
1900	ZM_0047_B1_A08	ZM_0047_B1_A08_T7C	
1901	ZM_0047_B1_A10	ZM_0047_B1_A10_T7C	
1902	ZM_0047_B1_B08	ZM_0047_B1_B08_T7C	
1903	ZM_0047_B1_B10	ZM_0047_B1_B10_T7C	
1904	ZM_0047_B1_C04	ZM_0047_B1_C04_T7C	
1905	ZM_0047_B1_C10	ZM_0047_B1_C10_T7C	
1906	ZM_0047_B1_C12	ZM_0047_B1_C12_T7C	
1907	ZM_0047_B1_D10	ZM_0047_B1_D10_T7C	
1908	ZM_0047_B1_E07	ZM_0047_B1_E07_T7C	
1909	ZM_0047_B1_E08	ZM_0047_B1_E08_T7C	
1910	ZM_0047_B1_F07	ZM_0047_B1_F07_T7C	
1911	ZM_0047_B1_F08	ZM_0047_B1_F08_T7C	
1912	ZM_0047_B1_G04	ZM_0047_B1_G04_T7C	
1913	ZM_0047_B1_G05	ZM_0047_B1_G05_T7C	
1914	ZM_0047_B1_G07	ZM_0047_B1_G07_T7C	
1915	ZM_0047_B1_H03	ZM_0047_B1_H03_T7C	
1916	ZM_0047_B1_H05	ZM_0047_B1_H05_T7C	
1917	ZM_0047_B1_H06	ZM_0047_B1_H06_T7C	
1918	ZM_0047_B1_H10	ZM_0047_B1_H10_T7C	
1919	ZM_0049_B1_A02	ZM_0049_B1_A02_T7C	
1920	ZM_0049_B1_A05	ZM_0049_B1_A05_T7C	
1921	ZM_0049_B1_A06	ZM_0049_B1_A06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1922	ZM_0049_B1_A09	ZM_0049_B1_A09_T7C	
1923	ZM_0049_B1_A10	ZM_0049_B1_A10_T7C	
1924	ZM_0049_B1_B01	ZM_0049_B1_B01_T7C	
1925	ZM_0049_B1_B04	ZM_0049_B1_B04_T7C	
1926	ZM_0049_B1_B05	ZM_0049_B1_B05_T7C	
1927	ZM_0049_B1_B07	ZM_0049_B1_B07_T7C	
1928	ZM_0049_B1_B09	ZM_0049_B1_B09_T7C	
1929	ZM_0049_B1_B10	ZM_0049_B1_B10_T7C	
1930	ZM_0049_B1_C01	ZM_0049_B1_C01_T7C	
1931	ZM_0049_B1_C02	ZM_0049_B1_C02_T7C	
1932	ZM_0049_B1_C04	ZM_0049_B1_C04_T7C	
1933	ZM_0049_B1_D02	ZM_0049_B1_D02_T7C	
1934	ZM_0049_B1_D04	ZM_0049_B1_D04_T7C	
1935	ZM_0049_B1_D07	ZM_0049_B1_D07_T7C	
1936	ZM_0049_B1_D08	ZM_0049_B1_D08_T7C	
1937	ZM_0049_B1_D09	ZM_0049_B1_D09_T7C	
1938	ZM_0049_B1_E02	ZM_0049_B1_E02_T7C	
1939	ZM_0049_B1_E04	ZM_0049_B1_E04_T7C	
1940	ZM_0049_B1_E05	ZM_0049_B1_E05_T7C	
1941	ZM_0049_B1_E07		ZM_0049_B1_E07_MR
1942	ZM_0049_B1_F03	ZM_0049_B1_F03_T7C	
1943	ZM_0049_B1_F08	ZM_0049_B1_F08_T7C	
1944	ZM_0049_B1_F09	ZM_0049_B1_F09_T7C	
1945	ZM_0049_B1_F10	ZM_0049_B1_F10_T7C	
1946	ZM_0049_B1_H01		ZM_0049_B1_H01_MR
1947	ZM_0049_B1_H07	ZM_0049_B1_H07_T7C	
1948	ZM_0049_B1_H08	ZM_0049_B1_H08_T7C	
1949	ZM_0049_B1_H10	ZM_0049_B1_H10_T7C	
1950	ZM_004_A1_A01	ZM_004_A1_A01_T7C	
1951	ZM_004_A1_A02	ZM_004_A1_A02_T7C	
1952	ZM_004_A1_A03	ZM_004_A1_A03_T7C	
1953	ZM_004_A1_A04	ZM_004_A1_A04_T7C	
1954	ZM_004_A1_A04		ZM_004_A1_A04_MR
1955	ZM_004_A1_A06	ZM_004_A1_A06_T7C	
1956	ZM_004_A1_A06		ZM_004_A1_A06_MR
1957	ZM_004_A1_A07	ZM_004_A1_A07_T7C	
1958	ZM_004_A1_A07		ZM_004_A1_A07_MR
1959	ZM_004_A1_A08	ZM_004_A1_A08_T7C	
1960	ZM_004_A1_A08		ZM_004_A1_A08_MR
1961	ZM_004_A1_A09	ZM_004_A1_A09_T7C	
1962	ZM_004_A1_A09		ZM_004_A1_A09_MR
1963	ZM_004_A1_A10	ZM_004_A1_A10_T7C	
1964	ZM_004_A1_A10		ZM_004_A1_A10_MR
1965	ZM_004_A1_A11	ZM_004_A1_A11_T7C	
1966	ZM_004_A1_A11		ZM_004_A1_A11_MR
1967	ZM_004_A1_A12		ZM_004_A1_A12_MR
1968	ZM_004_A1_B01	ZM_004_A1_B01_T7C	
1969	ZM_004_A1_B01		ZM_004_A1_B01_MR
1970	ZM_004_A1_B02	ZM_004_A1_B02_T7C	
1971	ZM_004_A1_B02		ZM_004_A1_B02_MR
1972	ZM_004_A1_B03	ZM_004_A1_B03_T7C	
1973	ZM_004_A1_B04	ZM_004_A1_B04_T7C	
1974	ZM_004_A1_B04		ZM_004_A1_B04_MR
1975	ZM_004_A1_B06	ZM_004_A1_B06_T7C	
1976	ZM_004_A1_B06		ZM_004_A1_B06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
1977	ZM_004_A1_B07	ZM_004_A1_B07_T7C	
1978	ZM_004_A1_B07		ZM_004_A1_B07_MR
1979	ZM_004_A1_B08	ZM_004_A1_B08_T7C	
1980	ZM_004_A1_B08		ZM_004_A1_B08_MR
1981	ZM_004_A1_B09	ZM_004_A1_B09_T7C	
1982	ZM_004_A1_B09		ZM_004_A1_B09_MR
1983	ZM_004_A1_B10	ZM_004_A1_B10_T7C	
1984	ZM_004_A1_B10		ZM_004_A1_B10_MR
1985	ZM_004_A1_B11	ZM_004_A1_B11_T7C	
1986	ZM_004_A1_B11		ZM_004_A1_B11_MR
1987	ZM_004_A1_B12		ZM_004_A1_B12_MR
1988	ZM_004_A1_C01	ZM_004_A1_C01_T7C	
1989	ZM_004_A1_C01		ZM_004_A1_C01_MR
1990	ZM_004_A1_C03	ZM_004_A1_C03_T7C	
1991	ZM_004_A1_C03		ZM_004_A1_C03_MR
1992	ZM_004_A1_C05	ZM_004_A1_C05_T7C	
1993	ZM_004_A1_C05		ZM_004_A1_C05_MR
1994	ZM_004_A1_C06	ZM_004_A1_C06_T7C	
1995	ZM_004_A1_C06		ZM_004_A1_C06_MR
1996	ZM_004_A1_C07	ZM_004_A1_C07_T7C	
1997	ZM_004_A1_C07		ZM_004_A1_C07_MR
1998	ZM_004_A1_C08	ZM_004_A1_C08_T7C	
1999	ZM_004_A1_C08		ZM_004_A1_C08_MR
2000	ZM_004_A1_C09	ZM_004_A1_C09_T7C	
2001	ZM_004_A1_C10		ZM_004_A1_C10_MR
2002	ZM_004_A1_C11		ZM_004_A1_C11_MR
2003	ZM_004_A1_C12		ZM_004_A1_C12_MR
2004	ZM_004_A1_D01		ZM_004_A1_D01_MR
2005	ZM_004_A1_D02	ZM_004_A1_D02_T7C	
2006	ZM_004_A1_D02		ZM_004_A1_D02_MR
2007	ZM_004_A1_D03	ZM_004_A1_D03_T7C	
2008	ZM_004_A1_D03		ZM_004_A1_D03_MR
2009	ZM_004_A1_D04		ZM_004_A1_D04_MR
2010	ZM_004_A1_D05	ZM_004_A1_D05_T7C	
2011	ZM_004_A1_D05		ZM_004_A1_D05_MR
2012	ZM_004_A1_D06	ZM_004_A1_D06_T7C	
2013	ZM_004_A1_D06		ZM_004_A1_D06_MR
2014	ZM_004_A1_D07	ZM_004_A1_D07_T7C	
2015	ZM_004_A1_D08	ZM_004_A1_D08_T7C	
2016	ZM_004_A1_D08		ZM_004_A1_D08_MR
2017	ZM_004_A1_D09	ZM_004_A1_D09_T7C	
2018	ZM_004_A1_D09		ZM_004_A1_D09_MR
2019	ZM_004_A1_D10	ZM_004_A1_D10_T7C	
2020	ZM_004_A1_D10		ZM_004_A1_D10_MR
2021	ZM_004_A1_D11	ZM_004_A1_D11_T7C	
2022	ZM_004_A1_D11		ZM_004_A1_D11_MR
2023	ZM_004_A1_D12	ZM_004_A1_D12_T7C	
2024	ZM_004_A1_D12		ZM_004_A1_D12_MR
2025	ZM_004_A1_E01	ZM_004_A1_E01_T7C	
2026	ZM_004_A1_E02		ZM_004_A1_E02_MR
2027	ZM_004_A1_E03	ZM_004_A1_E03_T7C	
2028	ZM_004_A1_E04	ZM_004_A1_E04_T7C	
2029	ZM_004_A1_E04		ZM_004_A1_E04_MR
2030	ZM_004_A1_E05	ZM_004_A1_E05_T7C	
2031	ZM_004_A1_E05		ZM_004_A1_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2032	ZM_004_A1_E06	ZM_004_A1_E06_T7C	
2033	ZM_004_A1_E06		ZM_004_A1_E06_MR
2034	ZM_004_A1_E08	ZM_004_A1_E08_T7C	
2035	ZM_004_A1_E08		ZM_004_A1_E08_MR
2036	ZM_004_A1_E09	ZM_004_A1_E09_T7C	
2037	ZM_004_A1_E09		ZM_004_A1_E09_MR
2038	ZM_004_A1_E10	ZM_004_A1_E10_T7C	
2039	ZM_004_A1_E10		ZM_004_A1_E10_MR
2040	ZM_004_A1_E11		ZM_004_A1_E11_MR
2041	ZM_004_A1_F01	ZM_004_A1_F01_T7C	
2042	ZM_004_A1_F01		ZM_004_A1_F01_MR
2043	ZM_004_A1_F04	ZM_004_A1_F04_T7C	
2044	ZM_004_A1_F04		ZM_004_A1_F04_MR
2045	ZM_004_A1_F05		ZM_004_A1_F05_MR
2046	ZM_004_A1_F06	ZM_004_A1_F06_T7C	
2047	ZM_004_A1_F06		ZM_004_A1_F06_MR
2048	ZM_004_A1_F07		ZM_004_A1_F07_MR
2049	ZM_004_A1_F09	ZM_004_A1_F09_T7C	
2050	ZM_004_A1_F09		ZM_004_A1_F09_MR
2051	ZM_004_A1_F10	ZM_004_A1_F10_T7C	
2052	ZM_004_A1_F10		ZM_004_A1_F10_MR
2053	ZM_004_A1_F11		ZM_004_A1_F11_MR
2054	ZM_004_A1_G01	ZM_004_A1_G01_T7C	
2055	ZM_004_A1_G01		ZM_004_A1_G01_MR
2056	ZM_004_A1_G03	ZM_004_A1_G03_T7C	
2057	ZM_004_A1_G03		ZM_004_A1_G03_MR
2058	ZM_004_A1_G04	ZM_004_A1_G04_T7C	
2059	ZM_004_A1_G04		ZM_004_A1_G04_MR
2060	ZM_004_A1_G05		ZM_004_A1_G05_MR
2061	ZM_004_A1_G06	ZM_004_A1_G06_T7C	
2062	ZM_004_A1_G06		ZM_004_A1_G06_MR
2063	ZM_004_A1_G07		ZM_004_A1_G07_MR
2064	ZM_004_A1_G08	ZM_004_A1_G08_T7C	
2065	ZM_004_A1_G09		ZM_004_A1_G09_MR
2066	ZM_004_A1_G10	ZM_004_A1_G10_T7C	
2067	ZM_004_A1_G10		ZM_004_A1_G10_MR
2068	ZM_004_A1_G11	ZM_004_A1_G11_T7C	
2069	ZM_004_A1_G11		ZM_004_A1_G11_MR
2070	ZM_004_A1_G12	ZM_004_A1_G12_T7C	
2071	ZM_004_A1_G12		ZM_004_A1_G12_MR
2072	ZM_004_A1_H01	ZM_004_A1_H01_T7C	
2073	ZM_004_A1_H01		ZM_004_A1_H01_MR
2074	ZM_004_A1_H04	ZM_004_A1_H04_T7C	
2075	ZM_004_A1_H04		ZM_004_A1_H04_MR
2076	ZM_004_A1_H06		ZM_004_A1_H06_MR
2077	ZM_004_A1_H07		ZM_004_A1_H07_MR
2078	ZM_004_A1_H08	ZM_004_A1_H08_T7C	
2079	ZM_004_A1_H09	ZM_004_A1_H09_T7C	
2080	ZM_004_A1_H09		ZM_004_A1_H09_MR
2081	ZM_004_A1_H10		ZM_004_A1_H10_MR
2082	ZM_004_A1_H11	ZM_004_A1_H11_T7C	
2083	ZM_004_A1_H11		ZM_004_A1_H11_MR
2084	ZM_004_A1_H12	ZM_004_A1_H12_T7C	
2085	ZM_004_A1_H12		ZM_004_A1_H12_MR
2086	ZM_004_A2_A01	ZM_004_A2_A01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2087	ZM_004_A2_A01		ZM_004_A2_A01_MR
2088	ZM_004_A2_A02	ZM_004_A2_A02_T7C	
2089	ZM_004_A2_A02		ZM_004_A2_A02_MR
2090	ZM_004_A2_A03	ZM_004_A2_A03_T7C	
2091	ZM_004_A2_A04	ZM_004_A2_A04_T7C	
2092	ZM_004_A2_A05	ZM_004_A2_A05_T7C	
2093	ZM_004_A2_A05		ZM_004_A2_A05_MR
2094	ZM_004_A2_A06		ZM_004_A2_A06_MR
2095	ZM_004_A2_A07	ZM_004_A2_A07_T7C	
2096	ZM_004_A2_A07		ZM_004_A2_A07_MR
2097	ZM_004_A2_A08	ZM_004_A2_A08_T7C	
2098	ZM_004_A2_A09	ZM_004_A2_A09_T7C	
2099	ZM_004_A2_A09		ZM_004_A2_A09_MR
2100	ZM_004_A2_A10		ZM_004_A2_A10_MR
2101	ZM_004_A2_A11	ZM_004_A2_A11_T7C	
2102	ZM_004_A2_A12	ZM_004_A2_A12_T7C	
2103	ZM_004_A2_A12		ZM_004_A2_A12_MR
2104	ZM_004_A2_B03	ZM_004_A2_B03_T7C	
2105	ZM_004_A2_B04	ZM_004_A2_B04_T7C	
2106	ZM_004_A2_B04		ZM_004_A2_B04_MR
2107	ZM_004_A2_B05	ZM_004_A2_B05_T7C	
2108	ZM_004_A2_B05		ZM_004_A2_B05_MR
2109	ZM_004_A2_B06	ZM_004_A2_B06_T7C	
2110	ZM_004_A2_B06		ZM_004_A2_B06_MR
2111	ZM_004_A2_B07	ZM_004_A2_B07_T7C	
2112	ZM_004_A2_B07		ZM_004_A2_B07_MR
2113	ZM_004_A2_B08	ZM_004_A2_B08_T7C	
2114	ZM_004_A2_B08		ZM_004_A2_B08_MR
2115	ZM_004_A2_B09	ZM_004_A2_B09_T7C	
2116	ZM_004_A2_B10		ZM_004_A2_B10_MR
2117	ZM_004_A2_B11	ZM_004_A2_B11_T7C	
2118	ZM_004_A2_B11		ZM_004_A2_B11_MR
2119	ZM_004_A2_B12	ZM_004_A2_B12_T7C	
2120	ZM_004_A2_B12		ZM_004_A2_B12_MR
2121	ZM_004_A2_C01	ZM_004_A2_C01_T7C	
2122	ZM_004_A2_C02		ZM_004_A2_C02_MR
2123	ZM_004_A2_C03	ZM_004_A2_C03_T7C	
2124	ZM_004_A2_C03		ZM_004_A2_C03_MR
2125	ZM_004_A2_C04	ZM_004_A2_C04_T7C	
2126	ZM_004_A2_C04		ZM_004_A2_C04_MR
2127	ZM_004_A2_C05	ZM_004_A2_C05_T7C	
2128	ZM_004_A2_C05		ZM_004_A2_C05_MR
2129	ZM_004_A2_C06	ZM_004_A2_C06_T7C	
2130	ZM_004_A2_C06		ZM_004_A2_C06_MR
2131	ZM_004_A2_C07	ZM_004_A2_C07_T7C	
2132	ZM_004_A2_C07		ZM_004_A2_C07_MR
2133	ZM_004_A2_C08	ZM_004_A2_C08_T7C	
2134	ZM_004_A2_C08		ZM_004_A2_C08_MR
2135	ZM_004_A2_C09	ZM_004_A2_C09_T7C	
2136	ZM_004_A2_C09		ZM_004_A2_C09_MR
2137	ZM_004_A2_C10	ZM_004_A2_C10_T7C	
2138	ZM_004_A2_C10		ZM_004_A2_C10_MR
2139	ZM_004_A2_C11	ZM_004_A2_C11_T7C	
2140	ZM_004_A2_C12	ZM_004_A2_C12_T7C	
2141	ZM_004_A2_D01	ZM_004_A2_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2142	ZM_004_A2_D02	ZM_004_A2_D02_T7C	
2143	ZM_004_A2_D02		ZM_004_A2_D02_MR
2144	ZM_004_A2_D03		ZM_004_A2_D03_MR
2145	ZM_004_A2_D04	ZM_004_A2_D04_T7C	
2146	ZM_004_A2_D04		ZM_004_A2_D04_MR
2147	ZM_004_A2_D05	ZM_004_A2_D05_T7C	
2148	ZM_004_A2_D05		ZM_004_A2_D05_MR
2149	ZM_004_A2_D06	ZM_004_A2_D06_T7C	
2150	ZM_004_A2_D07		ZM_004_A2_D07_MR
2151	ZM_004_A2_D08	ZM_004_A2_D08_T7C	
2152	ZM_004_A2_D08		ZM_004_A2_D08_MR
2153	ZM_004_A2_D09	ZM_004_A2_D09_T7C	
2154	ZM_004_A2_D09		ZM_004_A2_D09_MR
2155	ZM_004_A2_D10	ZM_004_A2_D10_T7C	
2156	ZM_004_A2_D10		ZM_004_A2_D10_MR
2157	ZM_004_A2_D11	ZM_004_A2_D11_T7C	
2158	ZM_004_A2_D11		ZM_004_A2_D11_MR
2159	ZM_004_A2_D12	ZM_004_A2_D12_T7C	
2160	ZM_004_A2_D12		ZM_004_A2_D12_MR
2161	ZM_004_A2_E03	ZM_004_A2_E03_T7C	
2162	ZM_004_A2_E04		ZM_004_A2_E04_MR
2163	ZM_004_A2_E05	ZM_004_A2_E05_T7C	
2164	ZM_004_A2_E05		ZM_004_A2_E05_MR
2165	ZM_004_A2_E06	ZM_004_A2_E06_T7C	
2166	ZM_004_A2_E07	ZM_004_A2_E07_T7C	
2167	ZM_004_A2_E09	ZM_004_A2_E09_T7C	
2168	ZM_004_A2_E09		ZM_004_A2_E09_MR
2169	ZM_004_A2_E10	ZM_004_A2_E10_T7C	
2170	ZM_004_A2_E11	ZM_004_A2_E11_T7C	
2171	ZM_004_A2_F02	ZM_004_A2_F02_T7C	
2172	ZM_004_A2_F03	ZM_004_A2_F03_T7C	
2173	ZM_004_A2_F04	ZM_004_A2_F04_T7C	
2174	ZM_004_A2_F04		ZM_004_A2_F04_MR
2175	ZM_004_A2_F05	ZM_004_A2_F05_T7C	
2176	ZM_004_A2_F05		ZM_004_A2_F05_MR
2177	ZM_004_A2_F06	ZM_004_A2_F06_T7C	
2178	ZM_004_A2_F06		ZM_004_A2_F06_MR
2179	ZM_004_A2_F07	ZM_004_A2_F07_T7C	
2180	ZM_004_A2_F07		ZM_004_A2_F07_MR
2181	ZM_004_A2_F09	ZM_004_A2_F09_T7C	
2182	ZM_004_A2_F10		ZM_004_A2_F10_MR
2183	ZM_004_A2_F11		ZM_004_A2_F11_MR
2184	ZM_004_A2_G02		ZM_004_A2_G02_MR
2185	ZM_004_A2_G04	ZM_004_A2_G04_T7C	
2186	ZM_004_A2_G04		ZM_004_A2_G04_MR
2187	ZM_004_A2_G06		ZM_004_A2_G06_MR
2188	ZM_004_A2_G07		ZM_004_A2_G07_MR
2189	ZM_004_A2_G08	ZM_004_A2_G08_T7C	
2190	ZM_004_A2_G08		ZM_004_A2_G08_MR
2191	ZM_004_A2_G09	ZM_004_A2_G09_T7C	
2192	ZM_004_A2_G09		ZM_004_A2_G09_MR
2193	ZM_004_A2_G10	ZM_004_A2_G10_T7C	
2194	ZM_004_A2_G10		ZM_004_A2_G10_MR
2195	ZM_004_A2_G11	ZM_004_A2_G11_T7C	
2196	ZM_004_A2_G11		ZM_004_A2_G11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2197	ZM_004_A2_G12		ZM_004_A2_G12_MR
2198	ZM_004_A2_H06	ZM_004_A2_H06_T7C	
2199	ZM_004_A2_H06		ZM_004_A2_H06_MR
2200	ZM_004_A2_H07	ZM_004_A2_H07_T7C	
2201	ZM_004_A2_H07		ZM_004_A2_H07_MR
2202	ZM_004_A2_H08		ZM_004_A2_H08_MR
2203	ZM_004_A2_H09	ZM_004_A2_H09_T7C	
2204	ZM_004_A2_H09		ZM_004_A2_H09_MR
2205	ZM_004_A2_H11		ZM_004_A2_H11_MR
2206	ZM_004_A2_H12		ZM_004_A2_H12_MR
2207	ZM_004_B1_A01	ZM_004_B1_A01_T7C	
2208	ZM_004_B1_A01		ZM_004_B1_A01_MR
2209	ZM_004_B1_A02	ZM_004_B1_A02_T7C	
2210	ZM_004_B1_A02		ZM_004_B1_A02_MR
2211	ZM_004_B1_A03	ZM_004_B1_A03_T7C	
2212	ZM_004_B1_A03		ZM_004_B1_A03_MR
2213	ZM_004_B1_A04	ZM_004_B1_A04_T7C	
2214	ZM_004_B1_A04		ZM_004_B1_A04_MR
2215	ZM_004_B1_A05	ZM_004_B1_A05_T7C	
2216	ZM_004_B1_A05		ZM_004_B1_A05_MR
2217	ZM_004_B1_A06	ZM_004_B1_A06_T7C	
2218	ZM_004_B1_A06		ZM_004_B1_A06_MR
2219	ZM_004_B1_A07	ZM_004_B1_A07_T7C	
2220	ZM_004_B1_A07		ZM_004_B1_A07_MR
2221	ZM_004_B1_A08	ZM_004_B1_A08_T7C	
2222	ZM_004_B1_A08		ZM_004_B1_A08_MR
2223	ZM_004_B1_A09	ZM_004_B1_A09_T7C	
2224	ZM_004_B1_A09		ZM_004_B1_A09_MR
2225	ZM_004_B1_A10	ZM_004_B1_A10_T7C	
2226	ZM_004_B1_A11	ZM_004_B1_A11_T7C	
2227	ZM_004_B1_A11		ZM_004_B1_A11_MR
2228	ZM_004_B1_A12	ZM_004_B1_A12_T7C	
2229	ZM_004_B1_A12		ZM_004_B1_A12_MR
2230	ZM_004_B1_B01	ZM_004_B1_B01_T7C	
2231	ZM_004_B1_B01		ZM_004_B1_B01_MR
2232	ZM_004_B1_B02	ZM_004_B1_B02_T7C	
2233	ZM_004_B1_B02		ZM_004_B1_B02_MR
2234	ZM_004_B1_B03	ZM_004_B1_B03_T7C	
2235	ZM_004_B1_B03		ZM_004_B1_B03_MR
2236	ZM_004_B1_B04	ZM_004_B1_B04_T7C	
2237	ZM_004_B1_B04		ZM_004_B1_B04_MR
2238	ZM_004_B1_B05	ZM_004_B1_B05_T7C	
2239	ZM_004_B1_B05		ZM_004_B1_B05_MR
2240	ZM_004_B1_B06	ZM_004_B1_B06_T7C	
2241	ZM_004_B1_B06		ZM_004_B1_B06_MR
2242	ZM_004_B1_B07	ZM_004_B1_B07_T7C	
2243	ZM_004_B1_B07		ZM_004_B1_B07_MR
2244	ZM_004_B1_B08		ZM_004_B1_B08_MR
2245	ZM_004_B1_B09	ZM_004_B1_B09_T7C	
2246	ZM_004_B1_B09		ZM_004_B1_B09_MR
2247	ZM_004_B1_B10	ZM_004_B1_B10_T7C	
2248	ZM_004_B1_B10		ZM_004_B1_B10_MR
2249	ZM_004_B1_B11	ZM_004_B1_B11_T7C	
2250	ZM_004_B1_B11		ZM_004_B1_B11_MR
2251	ZM_004_B1_B12	ZM_004_B1_B12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2252	ZM_004_B1_B12		ZM_004_B1_B12_MR
2253	ZM_004_B1_C01	ZM_004_B1_C01_T7C	
2254	ZM_004_B1_C01		ZM_004_B1_C01_MR
2255	ZM_004_B1_C02	ZM_004_B1_C02_T7C	
2256	ZM_004_B1_C02		ZM_004_B1_C02_MR
2257	ZM_004_B1_C03	ZM_004_B1_C03_T7C	
2258	ZM_004_B1_C03		ZM_004_B1_C03_MR
2259	ZM_004_B1_C04	ZM_004_B1_C04_T7C	
2260	ZM_004_B1_C04		ZM_004_B1_C04_MR
2261	ZM_004_B1_C05	ZM_004_B1_C05_T7C	
2262	ZM_004_B1_C05		ZM_004_B1_C05_MR
2263	ZM_004_B1_C06	ZM_004_B1_C06_T7C	
2264	ZM_004_B1_C06		ZM_004_B1_C06_MR
2265	ZM_004_B1_C07	ZM_004_B1_C07_T7C	
2266	ZM_004_B1_C07		ZM_004_B1_C07_MR
2267	ZM_004_B1_C08		ZM_004_B1_C08_MR
2268	ZM_004_B1_C09	ZM_004_B1_C09_T7C	
2269	ZM_004_B1_C09		ZM_004_B1_C09_MR
2270	ZM_004_B1_C10	ZM_004_B1_C10_T7C	
2271	ZM_004_B1_C10		ZM_004_B1_C10_MR
2272	ZM_004_B1_C11	ZM_004_B1_C11_T7C	
2273	ZM_004_B1_C11		ZM_004_B1_C11_MR
2274	ZM_004_B1_C12	ZM_004_B1_C12_T7C	
2275	ZM_004_B1_C12		ZM_004_B1_C12_MR
2276	ZM_004_B1_D01	ZM_004_B1_D01_T7C	
2277	ZM_004_B1_D01		ZM_004_B1_D01_MR
2278	ZM_004_B1_D02	ZM_004_B1_D02_T7C	
2279	ZM_004_B1_D02		ZM_004_B1_D02_MR
2280	ZM_004_B1_D03	ZM_004_B1_D03_T7C	
2281	ZM_004_B1_D03		ZM_004_B1_D03_MR
2282	ZM_004_B1_D04	ZM_004_B1_D04_T7C	
2283	ZM_004_B1_D04		ZM_004_B1_D04_MR
2284	ZM_004_B1_D05	ZM_004_B1_D05_T7C	
2285	ZM_004_B1_D05		ZM_004_B1_D05_MR
2286	ZM_004_B1_D06	ZM_004_B1_D06_T7C	
2287	ZM_004_B1_D06		ZM_004_B1_D06_MR
2288	ZM_004_B1_D07	ZM_004_B1_D07_T7C	
2289	ZM_004_B1_D07		ZM_004_B1_D07_MR
2290	ZM_004_B1_D08		ZM_004_B1_D08_MR
2291	ZM_004_B1_D09	ZM_004_B1_D09_T7C	
2292	ZM_004_B1_D09		ZM_004_B1_D09_MR
2293	ZM_004_B1_D10		ZM_004_B1_D10_MR
2294	ZM_004_B1_D11	ZM_004_B1_D11_T7C	
2295	ZM_004_B1_D11		ZM_004_B1_D11_MR
2296	ZM_004_B1_D12	ZM_004_B1_D12_T7C	
2297	ZM_004_B1_D12		ZM_004_B1_D12_MR
2298	ZM_004_B1_E01	ZM_004_B1_E01_T7C	
2299	ZM_004_B1_E01		ZM_004_B1_E01_MR
2300	ZM_004_B1_E02	ZM_004_B1_E02_T7C	
2301	ZM_004_B1_E02		ZM_004_B1_E02_MR
2302	ZM_004_B1_E03	ZM_004_B1_E03_T7C	
2303	ZM_004_B1_E03		ZM_004_B1_E03_MR
2304	ZM_004_B1_E04	ZM_004_B1_E04_T7C	
2305	ZM_004_B1_E04		ZM_004_B1_E04_MR
2306	ZM_004_B1_E05	ZM_004_B1_E05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2307	ZM_004_B1_E05		ZM_004_B1_E05_MR
2308	ZM_004_B1_E06	ZM_004_B1_E06_T7C	
2309	ZM_004_B1_E06		ZM_004_B1_E06_MR
2310	ZM_004_B1_E07	ZM_004_B1_E07_T7C	
2311	ZM_004_B1_E07		ZM_004_B1_E07_MR
2312	ZM_004_B1_E08	ZM_004_B1_E08_T7C	
2313	ZM_004_B1_E08		ZM_004_B1_E08_MR
2314	ZM_004_B1_E09	ZM_004_B1_E09_T7C	
2315	ZM_004_B1_E09		ZM_004_B1_E09_MR
2316	ZM_004_B1_E10	ZM_004_B1_E10_T7C	
2317	ZM_004_B1_E10		ZM_004_B1_E10_MR
2318	ZM_004_B1_E11	ZM_004_B1_E11_T7C	
2319	ZM_004_B1_E11		ZM_004_B1_E11_MR
2320	ZM_004_B1_E12	ZM_004_B1_E12_T7C	
2321	ZM_004_B1_E12		ZM_004_B1_E12_MR
2322	ZM_004_B1_F01	ZM_004_B1_F01_T7C	
2323	ZM_004_B1_F01		ZM_004_B1_F01_MR
2324	ZM_004_B1_F02	ZM_004_B1_F02_T7C	
2325	ZM_004_B1_F02		ZM_004_B1_F02_MR
2326	ZM_004_B1_F03	ZM_004_B1_F03_T7C	
2327	ZM_004_B1_F03		ZM_004_B1_F03_MR
2328	ZM_004_B1_F04	ZM_004_B1_F04_T7C	
2329	ZM_004_B1_F04		ZM_004_B1_F04_MR
2330	ZM_004_B1_F05	ZM_004_B1_F05_T7C	
2331	ZM_004_B1_F05		ZM_004_B1_F05_MR
2332	ZM_004_B1_F06	ZM_004_B1_F06_T7C	
2333	ZM_004_B1_F06		ZM_004_B1_F06_MR
2334	ZM_004_B1_F07	ZM_004_B1_F07_T7C	
2335	ZM_004_B1_F07		ZM_004_B1_F07_MR
2336	ZM_004_B1_F08	ZM_004_B1_F08_T7C	
2337	ZM_004_B1_F08		ZM_004_B1_F08_MR
2338	ZM_004_B1_F09	ZM_004_B1_F09_T7C	
2339	ZM_004_B1_F09		ZM_004_B1_F09_MR
2340	ZM_004_B1_F11	ZM_004_B1_F11_T7C	
2341	ZM_004_B1_F11		ZM_004_B1_F11_MR
2342	ZM_004_B1_F12	ZM_004_B1_F12_T7C	
2343	ZM_004_B1_F12		ZM_004_B1_F12_MR
2344	ZM_004_B1_G01	ZM_004_B1_G01_T7C	
2345	ZM_004_B1_G01		ZM_004_B1_G01_MR
2346	ZM_004_B1_G02	ZM_004_B1_G02_T7C	
2347	ZM_004_B1_G02		ZM_004_B1_G02_MR
2348	ZM_004_B1_G03	ZM_004_B1_G03_T7C	
2349	ZM_004_B1_G03		ZM_004_B1_G03_MR
2350	ZM_004_B1_G04	ZM_004_B1_G04_T7C	
2351	ZM_004_B1_G04		ZM_004_B1_G04_MR
2352	ZM_004_B1_G05	ZM_004_B1_G05_T7C	
2353	ZM_004_B1_G05		ZM_004_B1_G05_MR
2354	ZM_004_B1_G06		ZM_004_B1_G06_MR
2355	ZM_004_B1_G07	ZM_004_B1_G07_T7C	
2356	ZM_004_B1_G07		ZM_004_B1_G07_MR
2357	ZM_004_B1_G08	ZM_004_B1_G08_T7C	
2358	ZM_004_B1_G08		ZM_004_B1_G08_MR
2359	ZM_004_B1_G09	ZM_004_B1_G09_T7C	
2360	ZM_004_B1_G09		ZM_004_B1_G09_MR
2361	ZM_004_B1_G10	ZM_004_B1_G10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2362	ZM_004_B1_G10		ZM_004_B1_G10_MR
2363	ZM_004_B1_G11	ZM_004_B1_G11_T7C	
2364	ZM_004_B1_G11		ZM_004_B1_G11_MR
2365	ZM_004_B1_G12	ZM_004_B1_G12_T7C	
2366	ZM_004_B1_G12		ZM_004_B1_G12_MR
2367	ZM_004_B1_H01	ZM_004_B1_H01_T7C	
2368	ZM_004_B1_H02	ZM_004_B1_H02_T7C	
2369	ZM_004_B1_H02		ZM_004_B1_H02_MR
2370	ZM_004_B1_H03	ZM_004_B1_H03_T7C	
2371	ZM_004_B1_H03		ZM_004_B1_H03_MR
2372	ZM_004_B1_H04	ZM_004_B1_H04_T7C	
2373	ZM_004_B1_H04		ZM_004_B1_H04_MR
2374	ZM_004_B1_H05	ZM_004_B1_H05_T7C	
2375	ZM_004_B1_H05		ZM_004_B1_H05_MR
2376	ZM_004_B1_H06	ZM_004_B1_H06_T7C	
2377	ZM_004_B1_H06		ZM_004_B1_H06_MR
2378	ZM_004_B1_H07	ZM_004_B1_H07_T7C	
2379	ZM_004_B1_H07		ZM_004_B1_H07_MR
2380	ZM_004_B1_H08	ZM_004_B1_H08_T7C	
2381	ZM_004_B1_H08		ZM_004_B1_H08_MR
2382	ZM_004_B1_H09	ZM_004_B1_H09_T7C	
2383	ZM_004_B1_H09		ZM_004_B1_H09_MR
2384	ZM_004_B1_H10	ZM_004_B1_H10_T7C	
2385	ZM_004_B1_H10		ZM_004_B1_H10_MR
2386	ZM_004_B1_H11	ZM_004_B1_H11_T7C	
2387	ZM_004_B1_H11		ZM_004_B1_H11_MR
2388	ZM_004_B1_H12	ZM_004_B1_H12_T7C	
2389	ZM_0050_B1_A09		ZM_0050_B1_A09_MR
2390	ZM_0050_B1_B04		ZM_0050_B1_B04_MR
2391	ZM_0050_B1_B05		ZM_0050_B1_B05_MR
2392	ZM_0050_B1_B08		ZM_0050_B1_B08_MR
2393	ZM_0050_B1_B10		ZM_0050_B1_B10_MR
2394	ZM_0050_B1_C01		ZM_0050_B1_C01_MR
2395	ZM_0050_B1_C04		ZM_0050_B1_C04_MR
2396	ZM_0050_B1_C07		ZM_0050_B1_C07_MR
2397	ZM_0050_B1_C08		ZM_0050_B1_C08_MR
2398	ZM_0050_B1_C11		ZM_0050_B1_C11_MR
2399	ZM_0050_B1_D01		ZM_0050_B1_D01_MR
2400	ZM_0050_B1_D04		ZM_0050_B1_D04_MR
2401	ZM_0050_B1_D05		ZM_0050_B1_D05_MR
2402	ZM_0050_B1_D06		ZM_0050_B1_D06_MR
2403	ZM_0050_B1_D07		ZM_0050_B1_D07_MR
2404	ZM_0050_B1_D09		ZM_0050_B1_D09_MR
2405	ZM_0050_B1_D10		ZM_0050_B1_D10_MR
2406	ZM_0050_B1_D12		ZM_0050_B1_D12_MR
2407	ZM_0050_B1_E03		ZM_0050_B1_E03_MR
2408	ZM_0050_B1_E04		ZM_0050_B1_E04_MR
2409	ZM_0050_B1_E05		ZM_0050_B1_E05_MR
2410	ZM_0050_B1_E06		ZM_0050_B1_E06_MR
2411	ZM_0050_B1_E07		ZM_0050_B1_E07_MR
2412	ZM_0050_B1_E09		ZM_0050_B1_E09_MR
2413	ZM_0050_B1_E11		ZM_0050_B1_E11_MR
2414	ZM_0050_B1_E12		ZM_0050_B1_E12_MR
2415	ZM_0050_B1_F04		ZM_0050_B1_F04_MR
2416	ZM_0050_B1_F05		ZM_0050_B1_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2417	ZM_0050_B1_F06		ZM_0050_B1_F06_MR
2418	ZM_0050_B1_F09		ZM_0050_B1_F09_MR
2419	ZM_0050_B1_F11		ZM_0050_B1_F11_MR
2420	ZM_0050_B1_F12		ZM_0050_B1_F12_MR
2421	ZM_0050_B1_G02		ZM_0050_B1_G02_MR
2422	ZM_0050_B1_G05		ZM_0050_B1_G05_MR
2423	ZM_0050_B1_G06		ZM_0050_B1_G06_MR
2424	ZM_0050_B1_G09		ZM_0050_B1_G09_MR
2425	ZM_0050_B1_G10		ZM_0050_B1_G10_MR
2426	ZM_0050_B1_G11		ZM_0050_B1_G11_MR
2427	ZM_0050_B1_H03		ZM_0050_B1_H03_MR
2428	ZM_0050_B1_H05		ZM_0050_B1_H05_MR
2429	ZM_0050_B1_H07		ZM_0050_B1_H07_MR
2430	ZM_0050_B1_H08		ZM_0050_B1_H08_MR
2431	ZM_0050_B1_H10		ZM_0050_B1_H10_MR
2432	ZM_0050_B1_H11		ZM_0050_B1_H11_MR
2433	ZM_0051_A1_A01	ZM_0051_A1_A01_T7C	
2434	ZM_0051_A1_A01		ZM_0051_A1_A01_MR
2435	ZM_0051_A1_A02		ZM_0051_A1_A02_MR
2436	ZM_0051_A1_A03	ZM_0051_A1_A03_T7C	
2437	ZM_0051_A1_A03		ZM_0051_A1_A03_MR
2438	ZM_0051_A1_A04	ZM_0051_A1_A04_T7C	
2439	ZM_0051_A1_A04		ZM_0051_A1_A04_MR
2440	ZM_0051_A1_A05	ZM_0051_A1_A05_T7C	
2441	ZM_0051_A1_A06	ZM_0051_A1_A06_T7C	
2442	ZM_0051_A1_A06		ZM_0051_A1_A06_MR
2443	ZM_0051_A1_A07	ZM_0051_A1_A07_T7C	
2444	ZM_0051_A1_A07		ZM_0051_A1_A07_MR
2445	ZM_0051_A1_A08	ZM_0051_A1_A08_T7C	
2446	ZM_0051_A1_A09	ZM_0051_A1_A09_T7C	
2447	ZM_0051_A1_A09		ZM_0051_A1_A09_MR
2448	ZM_0051_A1_A10	ZM_0051_A1_A10_T7C	
2449	ZM_0051_A1_A10		ZM_0051_A1_A10_MR
2450	ZM_0051_A1_A11	ZM_0051_A1_A11_T7C	
2451	ZM_0051_A1_A11		ZM_0051_A1_A11_MR
2452	ZM_0051_A1_A12	ZM_0051_A1_A12_T7C	
2453	ZM_0051_A1_A12		ZM_0051_A1_A12_MR
2454	ZM_0051_A1_B01	ZM_0051_A1_B01_T7C	
2455	ZM_0051_A1_B01		ZM_0051_A1_B01_MR
2456	ZM_0051_A1_B02	ZM_0051_A1_B02_T7C	
2457	ZM_0051_A1_B02		ZM_0051_A1_B02_MR
2458	ZM_0051_A1_B04	ZM_0051_A1_B04_T7C	
2459	ZM_0051_A1_B04		ZM_0051_A1_B04_MR
2460	ZM_0051_A1_B05	ZM_0051_A1_B05_T7C	
2461	ZM_0051_A1_B05		ZM_0051_A1_B05_MR
2462	ZM_0051_A1_B06	ZM_0051_A1_B06_T7C	
2463	ZM_0051_A1_B06		ZM_0051_A1_B06_MR
2464	ZM_0051_A1_B07	ZM_0051_A1_B07_T7C	
2465	ZM_0051_A1_B07		ZM_0051_A1_B07_MR
2466	ZM_0051_A1_B08	ZM_0051_A1_B08_T7C	
2467	ZM_0051_A1_B08		ZM_0051_A1_B08_MR
2468	ZM_0051_A1_B09	ZM_0051_A1_B09_T7C	
2469	ZM_0051_A1_B11	ZM_0051_A1_B11_T7C	
2470	ZM_0051_A1_B11		ZM_0051_A1_B11_MR
2471	ZM_0051_A1_B12	ZM_0051_A1_B12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2472	ZM_0051_A1_B12		ZM_0051_A1_B12_MR
2473	ZM_0051_A1_C02	ZM_0051_A1_C02_T7C	
2474	ZM_0051_A1_C02		ZM_0051_A1_C02_MR
2475	ZM_0051_A1_C04	ZM_0051_A1_C04_T7C	
2476	ZM_0051_A1_C04		ZM_0051_A1_C04_MR
2477	ZM_0051_A1_C05	ZM_0051_A1_C05_T7C	
2478	ZM_0051_A1_C06	ZM_0051_A1_C06_T7C	
2479	ZM_0051_A1_C08	ZM_0051_A1_C08_T7C	
2480	ZM_0051_A1_C08		ZM_0051_A1_C08_MR
2481	ZM_0051_A1_D01	ZM_0051_A1_D01_T7C	
2482	ZM_0051_A1_D01		ZM_0051_A1_D01_MR
2483	ZM_0051_A1_D02	ZM_0051_A1_D02_T7C	
2484	ZM_0051_A1_D02		ZM_0051_A1_D02_MR
2485	ZM_0051_A1_D03	ZM_0051_A1_D03_T7C	
2486	ZM_0051_A1_D03		ZM_0051_A1_D03_MR
2487	ZM_0051_A1_D04	ZM_0051_A1_D04_T7C	
2488	ZM_0051_A1_D04		ZM_0051_A1_D04_MR
2489	ZM_0051_A1_D05	ZM_0051_A1_D05_T7C	
2490	ZM_0051_A1_D05		ZM_0051_A1_D05_MR
2491	ZM_0051_A1_D06	ZM_0051_A1_D06_T7C	
2492	ZM_0051_A1_D06		ZM_0051_A1_D06_MR
2493	ZM_0051_A1_D07	ZM_0051_A1_D07_T7C	
2494	ZM_0051_A1_D07		ZM_0051_A1_D07_MR
2495	ZM_0051_A1_D08	ZM_0051_A1_D08_T7C	
2496	ZM_0051_A1_D08		ZM_0051_A1_D08_MR
2497	ZM_0051_A1_D09	ZM_0051_A1_D09_T7C	
2498	ZM_0051_A1_D09		ZM_0051_A1_D09_MR
2499	ZM_0051_A1_D10	ZM_0051_A1_D10_T7C	
2500	ZM_0051_A1_D10		ZM_0051_A1_D10_MR
2501	ZM_0051_A1_D11	ZM_0051_A1_D11_T7C	
2502	ZM_0051_A1_D11		ZM_0051_A1_D11_MR
2503	ZM_0051_A1_D12	ZM_0051_A1_D12_T7C	
2504	ZM_0051_A1_D12		ZM_0051_A1_D12_MR
2505	ZM_0051_A1_E01	ZM_0051_A1_E01_T7C	
2506	ZM_0051_A1_E01		ZM_0051_A1_E01_MR
2507	ZM_0051_A1_E02	ZM_0051_A1_E02_T7C	
2508	ZM_0051_A1_E02		ZM_0051_A1_E02_MR
2509	ZM_0051_A1_E03	ZM_0051_A1_E03_T7C	
2510	ZM_0051_A1_E04	ZM_0051_A1_E04_T7C	
2511	ZM_0051_A1_E04		ZM_0051_A1_E04_MR
2512	ZM_0051_A1_E05	ZM_0051_A1_E05_T7C	
2513	ZM_0051_A1_E05		ZM_0051_A1_E05_MR
2514	ZM_0051_A1_E07	ZM_0051_A1_E07_T7C	
2515	ZM_0051_A1_E07		ZM_0051_A1_E07_MR
2516	ZM_0051_A1_E08	ZM_0051_A1_E08_T7C	
2517	ZM_0051_A1_E08		ZM_0051_A1_E08_MR
2518	ZM_0051_A1_E09	ZM_0051_A1_E09_T7C	
2519	ZM_0051_A1_E09		ZM_0051_A1_E09_MR
2520	ZM_0051_A1_E10	ZM_0051_A1_E10_T7C	
2521	ZM_0051_A1_E10		ZM_0051_A1_E10_MR
2522	ZM_0051_A1_E11	ZM_0051_A1_E11_T7C	
2523	ZM_0051_A1_E11		ZM_0051_A1_E11_MR
2524	ZM_0051_A1_E12	ZM_0051_A1_E12_T7C	
2525	ZM_0051_A1_E12		ZM_0051_A1_E12_MR
2526	ZM_0051_A1_F01	ZM_0051_A1_F01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2527	ZM_0051_A1_F01		ZM_0051_A1_F01_MR
2528	ZM_0051_A1_F02	ZM_0051_A1_F02_T7C	
2529	ZM_0051_A1_F02		ZM_0051_A1_F02_MR
2530	ZM_0051_A1_F04	ZM_0051_A1_F04_T7C	
2531	ZM_0051_A1_F04		ZM_0051_A1_F04_MR
2532	ZM_0051_A1_F05	ZM_0051_A1_F05_T7C	
2533	ZM_0051_A1_F05		ZM_0051_A1_F05_MR
2534	ZM_0051_A1_F06	ZM_0051_A1_F06_T7C	
2535	ZM_0051_A1_F06		ZM_0051_A1_F06_MR
2536	ZM_0051_A1_F07	ZM_0051_A1_F07_T7C	
2537	ZM_0051_A1_F07		ZM_0051_A1_F07_MR
2538	ZM_0051_A1_F08	ZM_0051_A1_F08_T7C	
2539	ZM_0051_A1_F08		ZM_0051_A1_F08_MR
2540	ZM_0051_A1_F09	ZM_0051_A1_F09_T7C	
2541	ZM_0051_A1_F09		ZM_0051_A1_F09_MR
2542	ZM_0051_A1_F10	ZM_0051_A1_F10_T7C	
2543	ZM_0051_A1_F10		ZM_0051_A1_F10_MR
2544	ZM_0051_A1_F11	ZM_0051_A1_F11_T7C	
2545	ZM_0051_A1_F11		ZM_0051_A1_F11_MR
2546	ZM_0051_A1_F12	ZM_0051_A1_F12_T7C	
2547	ZM_0051_A1_F12		ZM_0051_A1_F12_MR
2548	ZM_0051_A1_G01		ZM_0051_A1_G01_MR
2549	ZM_0051_A1_G02	ZM_0051_A1_G02_T7C	
2550	ZM_0051_A1_G02		ZM_0051_A1_G02_MR
2551	ZM_0051_A1_G03	ZM_0051_A1_G03_T7C	
2552	ZM_0051_A1_G03		ZM_0051_A1_G03_MR
2553	ZM_0051_A1_G05		ZM_0051_A1_G05_MR
2554	ZM_0051_A1_G06	ZM_0051_A1_G06_T7C	
2555	ZM_0051_A1_G07	ZM_0051_A1_G07_T7C	
2556	ZM_0051_A1_G07		ZM_0051_A1_G07_MR
2557	ZM_0051_A1_G08	ZM_0051_A1_G08_T7C	
2558	ZM_0051_A1_G08		ZM_0051_A1_G08_MR
2559	ZM_0051_A1_G09	ZM_0051_A1_G09_T7C	
2560	ZM_0051_A1_G10	ZM_0051_A1_G10_T7C	
2561	ZM_0051_A1_G10		ZM_0051_A1_G10_MR
2562	ZM_0051_A1_G11	ZM_0051_A1_G11_T7C	
2563	ZM_0051_A1_G11		ZM_0051_A1_G11_MR
2564	ZM_0051_A1_G12	ZM_0051_A1_G12_T7C	
2565	ZM_0051_A1_G12		ZM_0051_A1_G12_MR
2566	ZM_0051_A1_H01	ZM_0051_A1_H01_T7C	
2567	ZM_0051_A1_H01		ZM_0051_A1_H01_MR
2568	ZM_0051_A1_H02	ZM_0051_A1_H02_T7C	
2569	ZM_0051_A1_H02		ZM_0051_A1_H02_MR
2570	ZM_0051_A1_H03	ZM_0051_A1_H03_T7C	
2571	ZM_0051_A1_H05	ZM_0051_A1_H05_T7C	
2572	ZM_0051_A1_H06		ZM_0051_A1_H06_MR
2573	ZM_0051_A1_H07	ZM_0051_A1_H07_T7C	
2574	ZM_0051_A1_H07		ZM_0051_A1_H07_MR
2575	ZM_0051_A1_H08	ZM_0051_A1_H08_T7C	
2576	ZM_0051_A1_H09	ZM_0051_A1_H09_T7C	
2577	ZM_0051_A1_H10	ZM_0051_A1_H10_T7C	
2578	ZM_0051_A1_H11	ZM_0051_A1_H11_T7C	
2579	ZM_0051_A1_H11		ZM_0051_A1_H11_MR
2580	ZM_0051_A1_H12	ZM_0051_A1_H12_T7C	
2581	ZM_0051_A1_H12		ZM_0051_A1_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2582	ZM_0052_A1_A01		ZM_0052_A1_A01_MR
2583	ZM_0052_A1_A02		ZM_0052_A1_A02_MR
2584	ZM_0052_A1_A05		ZM_0052_A1_A05_MR
2585	ZM_0052_A1_A06		ZM_0052_A1_A06_MR
2586	ZM_0052_A1_A07		ZM_0052_A1_A07_MR
2587	ZM_0052_A1_A09		ZM_0052_A1_A09_MR
2588	ZM_0052_A1_A10		ZM_0052_A1_A10_MR
2589	ZM_0052_A1_B01		ZM_0052_A1_B01_MR
2590	ZM_0052_A1_B02		ZM_0052_A1_B02_MR
2591	ZM_0052_A1_B03		ZM_0052_A1_B03_MR
2592	ZM_0052_A1_B04		ZM_0052_A1_B04_MR
2593	ZM_0052_A1_B05		ZM_0052_A1_B05_MR
2594	ZM_0052_A1_B06		ZM_0052_A1_B06_MR
2595	ZM_0052_A1_B07		ZM_0052_A1_B07_MR
2596	ZM_0052_A1_B08		ZM_0052_A1_B08_MR
2597	ZM_0052_A1_B09		ZM_0052_A1_B09_MR
2598	ZM_0052_A1_B10		ZM_0052_A1_B10_MR
2599	ZM_0052_A1_B11		ZM_0052_A1_B11_MR
2600	ZM_0052_A1_C01		ZM_0052_A1_C01_MR
2601	ZM_0052_A1_C02		ZM_0052_A1_C02_MR
2602	ZM_0052_A1_C03		ZM_0052_A1_C03_MR
2603	ZM_0052_A1_C04		ZM_0052_A1_C04_MR
2604	ZM_0052_A1_C05		ZM_0052_A1_C05_MR
2605	ZM_0052_A1_C06		ZM_0052_A1_C06_MR
2606	ZM_0052_A1_C08		ZM_0052_A1_C08_MR
2607	ZM_0052_A1_C09		ZM_0052_A1_C09_MR
2608	ZM_0052_A1_C10		ZM_0052_A1_C10_MR
2609	ZM_0052_A1_C11		ZM_0052_A1_C11_MR
2610	ZM_0052_A1_C12		ZM_0052_A1_C12_MR
2611	ZM_0052_A1_D01		ZM_0052_A1_D01_MR
2612	ZM_0052_A1_D02		ZM_0052_A1_D02_MR
2613	ZM_0052_A1_D03		ZM_0052_A1_D03_MR
2614	ZM_0052_A1_D04		ZM_0052_A1_D04_MR
2615	ZM_0052_A1_D05		ZM_0052_A1_D05_MR
2616	ZM_0052_A1_D06		ZM_0052_A1_D06_MR
2617	ZM_0052_A1_D07		ZM_0052_A1_D07_MR
2618	ZM_0052_A1_D08		ZM_0052_A1_D08_MR
2619	ZM_0052_A1_D09		ZM_0052_A1_D09_MR
2620	ZM_0052_A1_D10		ZM_0052_A1_D10_MR
2621	ZM_0052_A1_D11		ZM_0052_A1_D11_MR
2622	ZM_0052_A1_D12		ZM_0052_A1_D12_MR
2623	ZM_0052_A1_E01		ZM_0052_A1_E01_MR
2624	ZM_0052_A1_E02		ZM_0052_A1_E02_MR
2625	ZM_0052_A1_E04		ZM_0052_A1_E04_MR
2626	ZM_0052_A1_E05		ZM_0052_A1_E05_MR
2627	ZM_0052_A1_E06		ZM_0052_A1_E06_MR
2628	ZM_0052_A1_E07		ZM_0052_A1_E07_MR
2629	ZM_0052_A1_E08		ZM_0052_A1_E08_MR
2630	ZM_0052_A1_E10		ZM_0052_A1_E10_MR
2631	ZM_0052_A1_E11		ZM_0052_A1_E11_MR
2632	ZM_0052_A1_E12		ZM_0052_A1_E12_MR
2633	ZM_0052_A1_F01		ZM_0052_A1_F01_MR
2634	ZM_0052_A1_F02		ZM_0052_A1_F02_MR
2635	ZM_0052_A1_F04		ZM_0052_A1_F04_MR
2636	ZM_0052_A1_F05		ZM_0052_A1_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2637	ZM_0052_A1_F06		ZM_0052_A1_F06_MR
2638	ZM_0052_A1_F07		ZM_0052_A1_F07_MR
2639	ZM_0052_A1_F08		ZM_0052_A1_F08_MR
2640	ZM_0052_A1_F09		ZM_0052_A1_F09_MR
2641	ZM_0052_A1_F10		ZM_0052_A1_F10_MR
2642	ZM_0052_A1_F11		ZM_0052_A1_F11_MR
2643	ZM_0052_A1_F12		ZM_0052_A1_F12_MR
2644	ZM_0052_A1_G01		ZM_0052_A1_G01_MR
2645	ZM_0052_A1_G02		ZM_0052_A1_G02_MR
2646	ZM_0052_A1_G03		ZM_0052_A1_G03_MR
2647	ZM_0052_A1_G04		ZM_0052_A1_G04_MR
2648	ZM_0052_A1_G05		ZM_0052_A1_G05_MR
2649	ZM_0052_A1_G06		ZM_0052_A1_G06_MR
2650	ZM_0052_A1_G07		ZM_0052_A1_G07_MR
2651	ZM_0052_A1_G08		ZM_0052_A1_G08_MR
2652	ZM_0052_A1_G09		ZM_0052_A1_G09_MR
2653	ZM_0052_A1_G10		ZM_0052_A1_G10_MR
2654	ZM_0052_A1_G11		ZM_0052_A1_G11_MR
2655	ZM_0052_A1_G12		ZM_0052_A1_G12_MR
2656	ZM_0052_A1_H01		ZM_0052_A1_H01_MR
2657	ZM_0052_A1_H02		ZM_0052_A1_H02_MR
2658	ZM_0052_A1_H03		ZM_0052_A1_H03_MR
2659	ZM_0052_A1_H05		ZM_0052_A1_H05_MR
2660	ZM_0052_A1_H06		ZM_0052_A1_H06_MR
2661	ZM_0052_A1_H07		ZM_0052_A1_H07_MR
2662	ZM_0052_A1_H08		ZM_0052_A1_H08_MR
2663	ZM_0052_A1_H09		ZM_0052_A1_H09_MR
2664	ZM_0052_A1_H10		ZM_0052_A1_H10_MR
2665	ZM_0052_A1_H11		ZM_0052_A1_H11_MR
2666	ZM_0052_A1_H12		ZM_0052_A1_H12_MR
2667	ZM_0053_A1_A02		ZM_0053_A1_A02_MR
2668	ZM_0053_A1_A03		ZM_0053_A1_A03_MR
2669	ZM_0053_A1_A04		ZM_0053_A1_A04_MR
2670	ZM_0053_A1_A05		ZM_0053_A1_A05_MR
2671	ZM_0053_A1_A06		ZM_0053_A1_A06_MR
2672	ZM_0053_A1_A07		ZM_0053_A1_A07_MR
2673	ZM_0053_A1_A08		ZM_0053_A1_A08_MR
2674	ZM_0053_A1_A10		ZM_0053_A1_A10_MR
2675	ZM_0053_A1_B01		ZM_0053_A1_B01_MR
2676	ZM_0053_A1_B02		ZM_0053_A1_B02_MR
2677	ZM_0053_A1_B04		ZM_0053_A1_B04_MR
2678	ZM_0053_A1_B05		ZM_0053_A1_B05_MR
2679	ZM_0053_A1_B06		ZM_0053_A1_B06_MR
2680	ZM_0053_A1_B08		ZM_0053_A1_B08_MR
2681	ZM_0053_A1_B10		ZM_0053_A1_B10_MR
2682	ZM_0053_A1_B11		ZM_0053_A1_B11_MR
2683	ZM_0053_A1_B12		ZM_0053_A1_B12_MR
2684	ZM_0053_A1_C01		ZM_0053_A1_C01_MR
2685	ZM_0053_A1_C02		ZM_0053_A1_C02_MR
2686	ZM_0053_A1_C04		ZM_0053_A1_C04_MR
2687	ZM_0053_A1_C05		ZM_0053_A1_C05_MR
2688	ZM_0053_A1_C07		ZM_0053_A1_C07_MR
2689	ZM_0053_A1_C08		ZM_0053_A1_C08_MR
2690	ZM_0053_A1_C09		ZM_0053_A1_C09_MR
2691	ZM_0053_A1_C10		ZM_0053_A1_C10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2692	ZM_0053_A1_C11		ZM_0053_A1_C11_MR
2693	ZM_0053_A1_C12		ZM_0053_A1_C12_MR
2694	ZM_0053_A1_D01		ZM_0053_A1_D01_MR
2695	ZM_0053_A1_D04		ZM_0053_A1_D04_MR
2696	ZM_0053_A1_D05		ZM_0053_A1_D05_MR
2697	ZM_0053_A1_D06		ZM_0053_A1_D06_MR
2698	ZM_0053_A1_D08		ZM_0053_A1_D08_MR
2699	ZM_0053_A1_D09		ZM_0053_A1_D09_MR
2700	ZM_0053_A1_D10		ZM_0053_A1_D10_MR
2701	ZM_0053_A1_D11		ZM_0053_A1_D11_MR
2702	ZM_0053_A1_E01		ZM_0053_A1_E01_MR
2703	ZM_0053_A1_E03		ZM_0053_A1_E03_MR
2704	ZM_0053_A1_E04		ZM_0053_A1_E04_MR
2705	ZM_0053_A1_E05		ZM_0053_A1_E05_MR
2706	ZM_0053_A1_E06		ZM_0053_A1_E06_MR
2707	ZM_0053_A1_E07		ZM_0053_A1_E07_MR
2708	ZM_0053_A1_E08		ZM_0053_A1_E08_MR
2709	ZM_0053_A1_E09		ZM_0053_A1_E09_MR
2710	ZM_0053_A1_E10		ZM_0053_A1_E10_MR
2711	ZM_0053_A1_E12		ZM_0053_A1_E12_MR
2712	ZM_0053_A1_F01		ZM_0053_A1_F01_MR
2713	ZM_0053_A1_F03		ZM_0053_A1_F03_MR
2714	ZM_0053_A1_F04		ZM_0053_A1_F04_MR
2715	ZM_0053_A1_F05		ZM_0053_A1_F05_MR
2716	ZM_0053_A1_F06		ZM_0053_A1_F06_MR
2717	ZM_0053_A1_F07		ZM_0053_A1_F07_MR
2718	ZM_0053_A1_F08		ZM_0053_A1_F08_MR
2719	ZM_0053_A1_F09		ZM_0053_A1_F09_MR
2720	ZM_0053_A1_F10		ZM_0053_A1_F10_MR
2721	ZM_0053_A1_F11		ZM_0053_A1_F11_MR
2722	ZM_0053_A1_F12		ZM_0053_A1_F12_MR
2723	ZM_0053_A1_G01		ZM_0053_A1_G01_MR
2724	ZM_0053_A1_G02		ZM_0053_A1_G02_MR
2725	ZM_0053_A1_G03		ZM_0053_A1_G03_MR
2726	ZM_0053_A1_G04		ZM_0053_A1_G04_MR
2727	ZM_0053_A1_G05		ZM_0053_A1_G05_MR
2728	ZM_0053_A1_G06		ZM_0053_A1_G06_MR
2729	ZM_0053_A1_G07		ZM_0053_A1_G07_MR
2730	ZM_0053_A1_G08		ZM_0053_A1_G08_MR
2731	ZM_0053_A1_G09		ZM_0053_A1_G09_MR
2732	ZM_0053_A1_G10		ZM_0053_A1_G10_MR
2733	ZM_0053_A1_G11		ZM_0053_A1_G11_MR
2734	ZM_0053_A1_G12		ZM_0053_A1_G12_MR
2735	ZM_0053_A1_H03		ZM_0053_A1_H03_MR
2736	ZM_0053_A1_H06		ZM_0053_A1_H06_MR
2737	ZM_0053_A1_H07		ZM_0053_A1_H07_MR
2738	ZM_0053_A1_H08		ZM_0053_A1_H08_MR
2739	ZM_0053_A1_H09		ZM_0053_A1_H09_MR
2740	ZM_0053_A1_H10		ZM_0053_A1_H10_MR
2741	ZM_005_A1_A01	ZM_005_A1_A01_T7C	
2742	ZM_005_A1_A02	ZM_005_A1_A02_T7C	
2743	ZM_005_A1_A02		ZM_005_A1_A02_MR
2744	ZM_005_A1_A03	ZM_005_A1_A03_T7C	
2745	ZM_005_A1_A04	ZM_005_A1_A04_T7C	
2746	ZM_005_A1_A05	ZM_005_A1_A05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2747	ZM_005_A1_A06		ZM_005_A1_A06_MR
2748	ZM_005_A1_A07	ZM_005_A1_A07_T7C	
2749	ZM_005_A1_A07		ZM_005_A1_A07_MR
2750	ZM_005_A1_A08	ZM_005_A1_A08_T7C	
2751	ZM_005_A1_A09	ZM_005_A1_A09_T7C	
2752	ZM_005_A1_A10	ZM_005_A1_A10_T7C	
2753	ZM_005_A1_A11	ZM_005_A1_A11_T7C	
2754	ZM_005_A1_A12	ZM_005_A1_A12_T7C	
2755	ZM_005_A1_B01	ZM_005_A1_B01_T7C	
2756	ZM_005_A1_B02	ZM_005_A1_B02_T7C	
2757	ZM_005_A1_B03	ZM_005_A1_B03_T7C	
2758	ZM_005_A1_B04	ZM_005_A1_B04_T7C	
2759	ZM_005_A1_B05		ZM_005_A1_B05_MR
2760	ZM_005_A1_B06	ZM_005_A1_B06_T7C	
2761	ZM_005_A1_B06		ZM_005_A1_B06_MR
2762	ZM_005_A1_B07	ZM_005_A1_B07_T7C	
2763	ZM_005_A1_B09		ZM_005_A1_B09_MR
2764	ZM_005_A1_B10	ZM_005_A1_B10_T7C	
2765	ZM_005_A1_B10		ZM_005_A1_B10_MR
2766	ZM_005_A1_B11	ZM_005_A1_B11_T7C	
2767	ZM_005_A1_B12	ZM_005_A1_B12_T7C	
2768	ZM_005_A1_C01	ZM_005_A1_C01_T7C	
2769	ZM_005_A1_C02	ZM_005_A1_C02_T7C	
2770	ZM_005_A1_C03	ZM_005_A1_C03_T7C	
2771	ZM_005_A1_C03		ZM_005_A1_C03_MR
2772	ZM_005_A1_C04	ZM_005_A1_C04_T7C	
2773	ZM_005_A1_C04		ZM_005_A1_C04_MR
2774	ZM_005_A1_C05	ZM_005_A1_C05_T7C	
2775	ZM_005_A1_C05		ZM_005_A1_C05_MR
2776	ZM_005_A1_C06	ZM_005_A1_C06_T7C	
2777	ZM_005_A1_C07	ZM_005_A1_C07_T7C	
2778	ZM_005_A1_C08	ZM_005_A1_C08_T7C	
2779	ZM_005_A1_C09	ZM_005_A1_C09_T7C	
2780	ZM_005_A1_C11	ZM_005_A1_C11_T7C	
2781	ZM_005_A1_C12	ZM_005_A1_C12_T7C	
2782	ZM_005_A1_D01	ZM_005_A1_D01_T7C	
2783	ZM_005_A1_D02	ZM_005_A1_D02_T7C	
2784	ZM_005_A1_D03	ZM_005_A1_D03_T7C	
2785	ZM_005_A1_D03		ZM_005_A1_D03_MR
2786	ZM_005_A1_D04	ZM_005_A1_D04_T7C	
2787	ZM_005_A1_D04		ZM_005_A1_D04_MR
2788	ZM_005_A1_D05	ZM_005_A1_D05_T7C	
2789	ZM_005_A1_D06	ZM_005_A1_D06_T7C	
2790	ZM_005_A1_D07	ZM_005_A1_D07_T7C	
2791	ZM_005_A1_D07		ZM_005_A1_D07_MR
2792	ZM_005_A1_D08	ZM_005_A1_D08_T7C	
2793	ZM_005_A1_D09	ZM_005_A1_D09_T7C	
2794	ZM_005_A1_D10	ZM_005_A1_D10_T7C	
2795	ZM_005_A1_D10		ZM_005_A1_D10_MR
2796	ZM_005_A1_D11	ZM_005_A1_D11_T7C	
2797	ZM_005_A1_D12	ZM_005_A1_D12_T7C	
2798	ZM_005_A1_E01	ZM_005_A1_E01_T7C	
2799	ZM_005_A1_E02	ZM_005_A1_E02_T7C	
2800	ZM_005_A1_E03	ZM_005_A1_E03_T7C	
2801	ZM_005_A1_E04	ZM_005_A1_E04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2802	ZM_005_A1_E04		ZM_005_A1_E04_MR
2803	ZM_005_A1_E05	ZM_005_A1_E05_T7C	
2804	ZM_005_A1_E05		ZM_005_A1_E05_MR
2805	ZM_005_A1_E06	ZM_005_A1_E06_T7C	
2806	ZM_005_A1_E07	ZM_005_A1_E07_T7C	
2807	ZM_005_A1_E08	ZM_005_A1_E08_T7C	
2808	ZM_005_A1_E09	ZM_005_A1_E09_T7C	
2809	ZM_005_A1_E09		ZM_005_A1_E09_MR
2810	ZM_005_A1_E10	ZM_005_A1_E10_T7C	
2811	ZM_005_A1_E11	ZM_005_A1_E11_T7C	
2812	ZM_005_A1_E12	ZM_005_A1_E12_T7C	
2813	ZM_005_A1_F02	ZM_005_A1_F02_T7C	
2814	ZM_005_A1_F03		ZM_005_A1_F03_MR
2815	ZM_005_A1_F04		ZM_005_A1_F04_MR
2816	ZM_005_A1_F05	ZM_005_A1_F05_T7C	
2817	ZM_005_A1_F05		ZM_005_A1_F05_MR
2818	ZM_005_A1_F06	ZM_005_A1_F06_T7C	
2819	ZM_005_A1_F07	ZM_005_A1_F07_T7C	
2820	ZM_005_A1_F07		ZM_005_A1_F07_MR
2821	ZM_005_A1_F08	ZM_005_A1_F08_T7C	
2822	ZM_005_A1_F08		ZM_005_A1_F08_MR
2823	ZM_005_A1_F09	ZM_005_A1_F09_T7C	
2824	ZM_005_A1_F09		ZM_005_A1_F09_MR
2825	ZM_005_A1_F10		ZM_005_A1_F10_MR
2826	ZM_005_A1_F11	ZM_005_A1_F11_T7C	
2827	ZM_005_A1_F12	ZM_005_A1_F12_T7C	
2828	ZM_005_A1_G02	ZM_005_A1_G02_T7C	
2829	ZM_005_A1_G05	ZM_005_A1_G05_T7C	
2830	ZM_005_A1_G05		ZM_005_A1_G05_MR
2831	ZM_005_A1_G06	ZM_005_A1_G06_T7C	
2832	ZM_005_A1_G07	ZM_005_A1_G07_T7C	
2833	ZM_005_A1_G08	ZM_005_A1_G08_T7C	
2834	ZM_005_A1_G08		ZM_005_A1_G08_MR
2835	ZM_005_A1_G09	ZM_005_A1_G09_T7C	
2836	ZM_005_A1_G10	ZM_005_A1_G10_T7C	
2837	ZM_005_A1_G10		ZM_005_A1_G10_MR
2838	ZM_005_A1_G11	ZM_005_A1_G11_T7C	
2839	ZM_005_A1_G12		ZM_005_A1_G12_MR
2840	ZM_005_A1_H01		ZM_005_A1_H01_MR
2841	ZM_005_A1_H02	ZM_005_A1_H02_T7C	
2842	ZM_005_A1_H03	ZM_005_A1_H03_T7C	
2843	ZM_005_A1_H04	ZM_005_A1_H04_T7C	
2844	ZM_005_A1_H04		ZM_005_A1_H04_MR
2845	ZM_005_A1_H06	ZM_005_A1_H06_T7C	
2846	ZM_005_A1_H07	ZM_005_A1_H07_T7C	
2847	ZM_005_A1_H09	ZM_005_A1_H09_T7C	
2848	ZM_005_A1_H10	ZM_005_A1_H10_T7C	
2849	ZM_005_A1_H11	ZM_005_A1_H11_T7C	
2850	ZM_005_A1_H12	ZM_005_A1_H12_T7C	
2851	ZM_005_A1_H12		ZM_005_A1_H12_MR
2852	ZM_005_A2_A01	ZM_005_A2_A01_T7C	
2853	ZM_005_A2_A02	ZM_005_A2_A02_T7C	
2854	ZM_005_A2_A03	ZM_005_A2_A03_T7C	
2855	ZM_005_A2_A03		ZM_005_A2_A03_MR
2856	ZM_005_A2_A04	ZM_005_A2_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2857	ZM_005_A2_A05	ZM_005_A2_A05_T7C	
2858	ZM_005_A2_A06	ZM_005_A2_A06_T7C	
2859	ZM_005_A2_A07	ZM_005_A2_A07_T7C	
2860	ZM_005_A2_A07		ZM_005_A2_A07_MR
2861	ZM_005_A2_A08	ZM_005_A2_A08_T7C	
2862	ZM_005_A2_A08		ZM_005_A2_A08_MR
2863	ZM_005_A2_A10	ZM_005_A2_A10_T7C	
2864	ZM_005_A2_A10		ZM_005_A2_A10_MR
2865	ZM_005_A2_A12	ZM_005_A2_A12_T7C	
2866	ZM_005_A2_B01	ZM_005_A2_B01_T7C	
2867	ZM_005_A2_B01		ZM_005_A2_B01_MR
2868	ZM_005_A2_B02	ZM_005_A2_B02_T7C	
2869	ZM_005_A2_B03	ZM_005_A2_B03_T7C	
2870	ZM_005_A2_B04	ZM_005_A2_B04_T7C	
2871	ZM_005_A2_B05	ZM_005_A2_B05_T7C	
2872	ZM_005_A2_B05		ZM_005_A2_B05_MR
2873	ZM_005_A2_B06	ZM_005_A2_B06_T7C	
2874	ZM_005_A2_B07	ZM_005_A2_B07_T7C	
2875	ZM_005_A2_B07		ZM_005_A2_B07_MR
2876	ZM_005_A2_B08	ZM_005_A2_B08_T7C	
2877	ZM_005_A2_B08		ZM_005_A2_B08_MR
2878	ZM_005_A2_B09	ZM_005_A2_B09_T7C	
2879	ZM_005_A2_B10	ZM_005_A2_B10_T7C	
2880	ZM_005_A2_B11	ZM_005_A2_B11_T7C	
2881	ZM_005_A2_B12		ZM_005_A2_B12_MR
2882	ZM_005_A2_C01	ZM_005_A2_C01_T7C	
2883	ZM_005_A2_C03	ZM_005_A2_C03_T7C	
2884	ZM_005_A2_C04	ZM_005_A2_C04_T7C	
2885	ZM_005_A2_C04		ZM_005_A2_C04_MR
2886	ZM_005_A2_C05	ZM_005_A2_C05_T7C	
2887	ZM_005_A2_C06	ZM_005_A2_C06_T7C	
2888	ZM_005_A2_C07	ZM_005_A2_C07_T7C	
2889	ZM_005_A2_C08	ZM_005_A2_C08_T7C	
2890	ZM_005_A2_C09	ZM_005_A2_C09_T7C	
2891	ZM_005_A2_C10	ZM_005_A2_C10_T7C	
2892	ZM_005_A2_C11	ZM_005_A2_C11_T7C	
2893	ZM_005_A2_C12	ZM_005_A2_C12_T7C	
2894	ZM_005_A2_D01	ZM_005_A2_D01_T7C	
2895	ZM_005_A2_D01		ZM_005_A2_D01_MR
2896	ZM_005_A2_D02	ZM_005_A2_D02_T7C	
2897	ZM_005_A2_D02		ZM_005_A2_D02_MR
2898	ZM_005_A2_D03	ZM_005_A2_D03_T7C	
2899	ZM_005_A2_D03		ZM_005_A2_D03_MR
2900	ZM_005_A2_D04	ZM_005_A2_D04_T7C	
2901	ZM_005_A2_D04		ZM_005_A2_D04_MR
2902	ZM_005_A2_D05	ZM_005_A2_D05_T7C	
2903	ZM_005_A2_D06	ZM_005_A2_D06_T7C	
2904	ZM_005_A2_D07	ZM_005_A2_D07_T7C	
2905	ZM_005_A2_D08	ZM_005_A2_D08_T7C	
2906	ZM_005_A2_D08		ZM_005_A2_D08_MR
2907	ZM_005_A2_D09	ZM_005_A2_D09_T7C	
2908	ZM_005_A2_D10	ZM_005_A2_D10_T7C	
2909	ZM_005_A2_D11	ZM_005_A2_D11_T7C	
2910	ZM_005_A2_D12	ZM_005_A2_D12_T7C	
2911	ZM_005_A2_D12		ZM_005_A2_D12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2912	ZM_005_A2_E01	ZM_005_A2_E01_T7C	
2913	ZM_005_A2_E01		ZM_005_A2_E01_MR
2914	ZM_005_A2_E02	ZM_005_A2_E02_T7C	
2915	ZM_005_A2_E02		ZM_005_A2_E02_MR
2916	ZM_005_A2_E03	ZM_005_A2_E03_T7C	
2917	ZM_005_A2_E03		ZM_005_A2_E03_MR
2918	ZM_005_A2_E04	ZM_005_A2_E04_T7C	
2919	ZM_005_A2_E05	ZM_005_A2_E05_T7C	
2920	ZM_005_A2_E05		ZM_005_A2_E05_MR
2921	ZM_005_A2_E06	ZM_005_A2_E06_T7C	
2922	ZM_005_A2_E06		ZM_005_A2_E06_MR
2923	ZM_005_A2_E07	ZM_005_A2_E07_T7C	
2924	ZM_005_A2_E08	ZM_005_A2_E08_T7C	
2925	ZM_005_A2_E08		ZM_005_A2_E08_MR
2926	ZM_005_A2_E09	ZM_005_A2_E09_T7C	
2927	ZM_005_A2_E11	ZM_005_A2_E11_T7C	
2928	ZM_005_A2_E11		ZM_005_A2_E11_MR
2929	ZM_005_A2_E12	ZM_005_A2_E12_T7C	
2930	ZM_005_A2_E12		ZM_005_A2_E12_MR
2931	ZM_005_A2_F01	ZM_005_A2_F01_T7C	
2932	ZM_005_A2_F01		ZM_005_A2_F01_MR
2933	ZM_005_A2_F02	ZM_005_A2_F02_T7C	
2934	ZM_005_A2_F02		ZM_005_A2_F02_MR
2935	ZM_005_A2_F03	ZM_005_A2_F03_T7C	
2936	ZM_005_A2_F04		ZM_005_A2_F04_MR
2937	ZM_005_A2_F05	ZM_005_A2_F05_T7C	
2938	ZM_005_A2_F06	ZM_005_A2_F06_T7C	
2939	ZM_005_A2_F07	ZM_005_A2_F07_T7C	
2940	ZM_005_A2_F07		ZM_005_A2_F07_MR
2941	ZM_005_A2_F08	ZM_005_A2_F08_T7C	
2942	ZM_005_A2_F08		ZM_005_A2_F08_MR
2943	ZM_005_A2_F09	ZM_005_A2_F09_T7C	
2944	ZM_005_A2_F11	ZM_005_A2_F11_T7C	
2945	ZM_005_A2_F12		ZM_005_A2_F12_MR
2946	ZM_005_A2_G01	ZM_005_A2_G01_T7C	
2947	ZM_005_A2_G01		ZM_005_A2_G01_MR
2948	ZM_005_A2_G02	ZM_005_A2_G02_T7C	
2949	ZM_005_A2_G04	ZM_005_A2_G04_T7C	
2950	ZM_005_A2_G06	ZM_005_A2_G06_T7C	
2951	ZM_005_A2_G07	ZM_005_A2_G07_T7C	
2952	ZM_005_A2_G07		ZM_005_A2_G07_MR
2953	ZM_005_A2_G08	ZM_005_A2_G08_T7C	
2954	ZM_005_A2_G08		ZM_005_A2_G08_MR
2955	ZM_005_A2_G09	ZM_005_A2_G09_T7C	
2956	ZM_005_A2_G09		ZM_005_A2_G09_MR
2957	ZM_005_A2_G10	ZM_005_A2_G10_T7C	
2958	ZM_005_A2_G11	ZM_005_A2_G11_T7C	
2959	ZM_005_A2_G11		ZM_005_A2_G11_MR
2960	ZM_005_A2_G12	ZM_005_A2_G12_T7C	
2961	ZM_005_A2_G12		ZM_005_A2_G12_MR
2962	ZM_005_A2_H01	ZM_005_A2_H01_T7C	
2963	ZM_005_A2_H02	ZM_005_A2_H02_T7C	
2964	ZM_005_A2_H03	ZM_005_A2_H03_T7C	
2965	ZM_005_A2_H03		ZM_005_A2_H03_MR
2966	ZM_005_A2_H04	ZM_005_A2_H04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
2967	ZM_005_A2_H05	ZM_005_A2_H05_T7C	
2968	ZM_005_A2_H06	ZM_005_A2_H06_T7C	
2969	ZM_005_A2_H07	ZM_005_A2_H07_T7C	
2970	ZM_005_A2_H07		ZM_005_A2_H07_MR
2971	ZM_005_A2_H08	ZM_005_A2_H08_T7C	
2972	ZM_005_A2_H08		ZM_005_A2_H08_MR
2973	ZM_005_A2_H09	ZM_005_A2_H09_T7C	
2974	ZM_005_A2_H11	ZM_005_A2_H11_T7C	
2975	ZM_005_A2_H11		ZM_005_A2_H11_MR
2976	ZM_005_A2_H12	ZM_005_A2_H12_T7C	
2977	ZM_005_A2_H12		ZM_005_A2_H12_MR
2978	ZM_005_B1_A01	ZM_005_B1_A01_T7C	
2979	ZM_005_B1_A01		ZM_005_B1_A01_MR
2980	ZM_005_B1_A02	ZM_005_B1_A02_T7C	
2981	ZM_005_B1_A03	ZM_005_B1_A03_T7C	
2982	ZM_005_B1_A03		ZM_005_B1_A03_MR
2983	ZM_005_B1_A04	ZM_005_B1_A04_T7C	
2984	ZM_005_B1_A04		ZM_005_B1_A04_MR
2985	ZM_005_B1_A05	ZM_005_B1_A05_T7C	
2986	ZM_005_B1_A05		ZM_005_B1_A05_MR
2987	ZM_005_B1_A06		ZM_005_B1_A06_MR
2988	ZM_005_B1_A07	ZM_005_B1_A07_T7C	
2989	ZM_005_B1_A07		ZM_005_B1_A07_MR
2990	ZM_005_B1_A08	ZM_005_B1_A08_T7C	
2991	ZM_005_B1_A08		ZM_005_B1_A08_MR
2992	ZM_005_B1_A09	ZM_005_B1_A09_T7C	
2993	ZM_005_B1_A09		ZM_005_B1_A09_MR
2994	ZM_005_B1_A10	ZM_005_B1_A10_T7C	
2995	ZM_005_B1_A10		ZM_005_B1_A10_MR
2996	ZM_005_B1_A11	ZM_005_B1_A11_T7C	
2997	ZM_005_B1_A11		ZM_005_B1_A11_MR
2998	ZM_005_B1_A12	ZM_005_B1_A12_T7C	
2999	ZM_005_B1_A12		ZM_005_B1_A12_MR
3000	ZM_005_B1_B01	ZM_005_B1_B01_T7C	
3001	ZM_005_B1_B01		ZM_005_B1_B01_MR
3002	ZM_005_B1_B02	ZM_005_B1_B02_T7C	
3003	ZM_005_B1_B02		ZM_005_B1_B02_MR
3004	ZM_005_B1_B03	ZM_005_B1_B03_T7C	
3005	ZM_005_B1_B03		ZM_005_B1_B03_MR
3006	ZM_005_B1_B04		ZM_005_B1_B04_MR
3007	ZM_005_B1_B05	ZM_005_B1_B05_T7C	
3008	ZM_005_B1_B05		ZM_005_B1_B05_MR
3009	ZM_005_B1_B06	ZM_005_B1_B06_T7C	
3010	ZM_005_B1_B06		ZM_005_B1_B06_MR
3011	ZM_005_B1_B07	ZM_005_B1_B07_T7C	
3012	ZM_005_B1_B07		ZM_005_B1_B07_MR
3013	ZM_005_B1_B08	ZM_005_B1_B08_T7C	
3014	ZM_005_B1_B08		ZM_005_B1_B08_MR
3015	ZM_005_B1_B09	ZM_005_B1_B09_T7C	
3016	ZM_005_B1_B09		ZM_005_B1_B09_MR
3017	ZM_005_B1_B10	ZM_005_B1_B10_T7C	
3018	ZM_005_B1_B10		ZM_005_B1_B10_MR
3019	ZM_005_B1_B12	ZM_005_B1_B12_T7C	
3020	ZM_005_B1_B12		ZM_005_B1_B12_MR
3021	ZM_005_B1_C01	ZM_005_B1_C01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3022	ZM_005_B1_C01		ZM_005_B1_C01_MR
3023	ZM_005_B1_C02	ZM_005_B1_C02_T7C	
3024	ZM_005_B1_C02		ZM_005_B1_C02_MR
3025	ZM_005_B1_C03	ZM_005_B1_C03_T7C	
3026	ZM_005_B1_C04	ZM_005_B1_C04_T7C	
3027	ZM_005_B1_C04		ZM_005_B1_C04_MR
3028	ZM_005_B1_C05	ZM_005_B1_C05_T7C	
3029	ZM_005_B1_C05		ZM_005_B1_C05_MR
3030	ZM_005_B1_C06	ZM_005_B1_C06_T7C	
3031	ZM_005_B1_C06		ZM_005_B1_C06_MR
3032	ZM_005_B1_C07	ZM_005_B1_C07_T7C	
3033	ZM_005_B1_C07		ZM_005_B1_C07_MR
3034	ZM_005_B1_C08	ZM_005_B1_C08_T7C	
3035	ZM_005_B1_C08		ZM_005_B1_C08_MR
3036	ZM_005_B1_C09	ZM_005_B1_C09_T7C	
3037	ZM_005_B1_C09		ZM_005_B1_C09_MR
3038	ZM_005_B1_C11	ZM_005_B1_C11_T7C	
3039	ZM_005_B1_C11		ZM_005_B1_C11_MR
3040	ZM_005_B1_C12	ZM_005_B1_C12_T7C	
3041	ZM_005_B1_C12		ZM_005_B1_C12_MR
3042	ZM_005_B1_D01	ZM_005_B1_D01_T7C	
3043	ZM_005_B1_D01		ZM_005_B1_D01_MR
3044	ZM_005_B1_D02	ZM_005_B1_D02_T7C	
3045	ZM_005_B1_D02		ZM_005_B1_D02_MR
3046	ZM_005_B1_D03	ZM_005_B1_D03_T7C	
3047	ZM_005_B1_D03		ZM_005_B1_D03_MR
3048	ZM_005_B1_D04	ZM_005_B1_D04_T7C	
3049	ZM_005_B1_D04		ZM_005_B1_D04_MR
3050	ZM_005_B1_D05	ZM_005_B1_D05_T7C	
3051	ZM_005_B1_D05		ZM_005_B1_D05_MR
3052	ZM_005_B1_D06	ZM_005_B1_D06_T7C	
3053	ZM_005_B1_D06		ZM_005_B1_D06_MR
3054	ZM_005_B1_D07	ZM_005_B1_D07_T7C	
3055	ZM_005_B1_D07		ZM_005_B1_D07_MR
3056	ZM_005_B1_D08	ZM_005_B1_D08_T7C	
3057	ZM_005_B1_D08		ZM_005_B1_D08_MR
3058	ZM_005_B1_D09	ZM_005_B1_D09_T7C	
3059	ZM_005_B1_D09		ZM_005_B1_D09_MR
3060	ZM_005_B1_D10	ZM_005_B1_D10_T7C	
3061	ZM_005_B1_D10		ZM_005_B1_D10_MR
3062	ZM_005_B1_D11	ZM_005_B1_D11_T7C	
3063	ZM_005_B1_D11		ZM_005_B1_D11_MR
3064	ZM_005_B1_D12	ZM_005_B1_D12_T7C	
3065	ZM_005_B1_D12		ZM_005_B1_D12_MR
3066	ZM_005_B1_E01	ZM_005_B1_E01_T7C	
3067	ZM_005_B1_E02	ZM_005_B1_E02_T7C	
3068	ZM_005_B1_E02		ZM_005_B1_E02_MR
3069	ZM_005_B1_E03	ZM_005_B1_E03_T7C	
3070	ZM_005_B1_E03		ZM_005_B1_E03_MR
3071	ZM_005_B1_E04	ZM_005_B1_E04_T7C	
3072	ZM_005_B1_E05	ZM_005_B1_E05_T7C	
3073	ZM_005_B1_E06	ZM_005_B1_E06_T7C	
3074	ZM_005_B1_E06		ZM_005_B1_E06_MR
3075	ZM_005_B1_E07	ZM_005_B1_E07_T7C	
3076	ZM_005_B1_E07		ZM_005_B1_E07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3077	ZM_005_B1_E08	ZM_005_B1_E08_T7C	ZM_005_B1_E08_MR
3078	ZM_005_B1_E08		
3079	ZM_005_B1_E09	ZM_005_B1_E09_T7C	ZM_005_B1_E09_MR
3080	ZM_005_B1_E09		
3081	ZM_005_B1_E10	ZM_005_B1_E10_T7C	ZM_005_B1_E10_MR
3082	ZM_005_B1_E10		
3083	ZM_005_B1_E11	ZM_005_B1_E11_T7C	ZM_005_B1_E11_MR
3084	ZM_005_B1_E11		
3085	ZM_005_B1_E12	ZM_005_B1_E12_T7C	ZM_005_B1_E12_MR
3086	ZM_005_B1_E12		
3087	ZM_005_B1_F01	ZM_005_B1_F01_T7C	ZM_005_B1_F01_MR
3088	ZM_005_B1_F01		
3089	ZM_005_B1_F02	ZM_005_B1_F02_T7C	ZM_005_B1_F02_MR
3090	ZM_005_B1_F02		
3091	ZM_005_B1_F03	ZM_005_B1_F03_T7C	ZM_005_B1_F03_MR
3092	ZM_005_B1_F03		
3093	ZM_005_B1_F04	ZM_005_B1_F04_T7C	ZM_005_B1_F04_MR
3094	ZM_005_B1_F04		
3095	ZM_005_B1_F05		ZM_005_B1_F05_MR
3096	ZM_005_B1_F06	ZM_005_B1_F06_T7C	ZM_005_B1_F06_MR
3097	ZM_005_B1_F06		
3098	ZM_005_B1_F07	ZM_005_B1_F07_T7C	ZM_005_B1_F07_MR
3099	ZM_005_B1_F07		
3100	ZM_005_B1_F08	ZM_005_B1_F08_T7C	ZM_005_B1_F08_MR
3101	ZM_005_B1_F08		
3102	ZM_005_B1_F09	ZM_005_B1_F09_T7C	ZM_005_B1_F09_MR
3103	ZM_005_B1_F09		
3104	ZM_005_B1_F10	ZM_005_B1_F10_T7C	ZM_005_B1_F10_MR
3105	ZM_005_B1_F10		
3106	ZM_005_B1_F11	ZM_005_B1_F11_T7C	ZM_005_B1_F11_MR
3107	ZM_005_B1_F11		
3108	ZM_005_B1_F12	ZM_005_B1_F12_T7C	ZM_005_B1_F12_MR
3109	ZM_005_B1_F12		
3110	ZM_005_B1_G01		ZM_005_B1_G01_MR
3111	ZM_005_B1_G02	ZM_005_B1_G02_T7C	ZM_005_B1_G02_MR
3112	ZM_005_B1_G02		
3113	ZM_005_B1_G03	ZM_005_B1_G03_T7C	ZM_005_B1_G03_MR
3114	ZM_005_B1_G03		
3115	ZM_005_B1_G04	ZM_005_B1_G04_T7C	ZM_005_B1_G04_MR
3116	ZM_005_B1_G04		
3117	ZM_005_B1_G05	ZM_005_B1_G05_T7C	ZM_005_B1_G05_MR
3118	ZM_005_B1_G05		
3119	ZM_005_B1_G06	ZM_005_B1_G06_T7C	ZM_005_B1_G06_MR
3120	ZM_005_B1_G06		
3121	ZM_005_B1_G07	ZM_005_B1_G07_T7C	ZM_005_B1_G07_MR
3122	ZM_005_B1_G07		
3123	ZM_005_B1_G09	ZM_005_B1_G09_T7C	ZM_005_B1_G09_MR
3124	ZM_005_B1_G09		
3125	ZM_005_B1_G10		ZM_005_B1_G10_MR
3126	ZM_005_B1_G11	ZM_005_B1_G11_T7C	ZM_005_B1_G11_MR
3127	ZM_005_B1_G11		
3128	ZM_005_B1_G12	ZM_005_B1_G12_T7C	ZM_005_B1_G12_MR
3129	ZM_005_B1_G12		
3130	ZM_005_B1_H01	ZM_005_B1_H01_T7C	ZM_005_B1_H01_MR
3131	ZM_005_B1_H01		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3132	ZM_005_B1_H02	ZM_005_B1_H02_T7C	
3133	ZM_005_B1_H02		ZM_005_B1_H02_MR
3134	ZM_005_B1_H03	ZM_005_B1_H03_T7C	
3135	ZM_005_B1_H03		ZM_005_B1_H03_MR
3136	ZM_005_B1_H04	ZM_005_B1_H04_T7C	
3137	ZM_005_B1_H04		ZM_005_B1_H04_MR
3138	ZM_005_B1_H05	ZM_005_B1_H05_T7C	
3139	ZM_005_B1_H05		ZM_005_B1_H05_MR
3140	ZM_005_B1_H06	ZM_005_B1_H06_T7C	
3141	ZM_005_B1_H06		ZM_005_B1_H06_MR
3142	ZM_005_B1_H07	ZM_005_B1_H07_T7C	
3143	ZM_005_B1_H07		ZM_005_B1_H07_MR
3144	ZM_005_B1_H08	ZM_005_B1_H08_T7C	
3145	ZM_005_B1_H08		ZM_005_B1_H08_MR
3146	ZM_005_B1_H09	ZM_005_B1_H09_T7C	
3147	ZM_005_B1_H09		ZM_005_B1_H09_MR
3148	ZM_005_B1_H10	ZM_005_B1_H10_T7C	
3149	ZM_005_B1_H10		ZM_005_B1_H10_MR
3150	ZM_005_B1_H11	ZM_005_B1_H11_T7C	
3151	ZM_005_B1_H11		ZM_005_B1_H11_MR
3152	ZM_005_B1_H12	ZM_005_B1_H12_T7C	
3153	ZM_005_B1_H12		ZM_005_B1_H12_MR
3154	ZM_005_B2_A02	ZM_005_B2_A02_T7C	
3155	ZM_005_B2_A04	ZM_005_B2_A04_T7C	
3156	ZM_005_B2_A06	ZM_005_B2_A06_T7C	
3157	ZM_005_B2_A10	ZM_005_B2_A10_T7C	
3158	ZM_005_B2_A11	ZM_005_B2_A11_T7C	
3159	ZM_005_B2_A11		ZM_005_B2_A11_MR
3160	ZM_005_B2_A12	ZM_005_B2_A12_T7C	
3161	ZM_005_B2_A12		ZM_005_B2_A12_MR
3162	ZM_005_B2_B01	ZM_005_B2_B01_T7C	
3163	ZM_005_B2_B01		ZM_005_B2_B01_MR
3164	ZM_005_B2_B02	ZM_005_B2_B02_T7C	
3165	ZM_005_B2_B04	ZM_005_B2_B04_T7C	
3166	ZM_005_B2_B05	ZM_005_B2_B05_T7C	
3167	ZM_005_B2_B05		ZM_005_B2_B05_MR
3168	ZM_005_B2_B06	ZM_005_B2_B06_T7C	
3169	ZM_005_B2_B07	ZM_005_B2_B07_T7C	
3170	ZM_005_B2_B07		ZM_005_B2_B07_MR
3171	ZM_005_B2_B08	ZM_005_B2_B08_T7C	
3172	ZM_005_B2_B08		ZM_005_B2_B08_MR
3173	ZM_005_B2_B09		ZM_005_B2_B09_MR
3174	ZM_005_B2_B10	ZM_005_B2_B10_T7C	
3175	ZM_005_B2_B11		ZM_005_B2_B11_MR
3176	ZM_005_B2_B12	ZM_005_B2_B12_T7C	
3177	ZM_005_B2_B12		ZM_005_B2_B12_MR
3178	ZM_005_B2_C01	ZM_005_B2_C01_T7C	
3179	ZM_005_B2_C02	ZM_005_B2_C02_T7C	
3180	ZM_005_B2_C02		ZM_005_B2_C02_MR
3181	ZM_005_B2_C04	ZM_005_B2_C04_T7C	
3182	ZM_005_B2_C04		ZM_005_B2_C04_MR
3183	ZM_005_B2_C05	ZM_005_B2_C05_T7C	
3184	ZM_005_B2_C05		ZM_005_B2_C05_MR
3185	ZM_005_B2_C06	ZM_005_B2_C06_T7C	
3186	ZM_005_B2_C06		ZM_005_B2_C06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3187	ZM_005_B2_C08	ZM_005_B2_C08_T7C	
3188	ZM_005_B2_C08		ZM_005_B2_C08_MR
3189	ZM_005_B2_C09	ZM_005_B2_C09_T7C	
3190	ZM_005_B2_C09		ZM_005_B2_C09_MR
3191	ZM_005_B2_C11	ZM_005_B2_C11_T7C	
3192	ZM_005_B2_D05	ZM_005_B2_D05_T7C	
3193	ZM_005_B2_D06		ZM_005_B2_D06_MR
3194	ZM_005_B2_D07	ZM_005_B2_D07_T7C	
3195	ZM_005_B2_D08	ZM_005_B2_D08_T7C	
3196	ZM_005_B2_D10	ZM_005_B2_D10_T7C	
3197	ZM_005_B2_E02	ZM_005_B2_E02_T7C	
3198	ZM_005_B2_E02		ZM_005_B2_E02_MR
3199	ZM_005_B2_E04	ZM_005_B2_E04_T7C	
3200	ZM_005_B2_E05	ZM_005_B2_E05_T7C	
3201	ZM_005_B2_E05		ZM_005_B2_E05_MR
3202	ZM_005_B2_E08		ZM_005_B2_E08_MR
3203	ZM_005_B2_E09	ZM_005_B2_E09_T7C	
3204	ZM_005_B2_E09		ZM_005_B2_E09_MR
3205	ZM_005_B2_E10		ZM_005_B2_E10_MR
3206	ZM_005_B2_E11		ZM_005_B2_E11_MR
3207	ZM_005_B2_F01	ZM_005_B2_F01_T7C	
3208	ZM_005_B2_F01		ZM_005_B2_F01_MR
3209	ZM_005_B2_F03	ZM_005_B2_F03_T7C	
3210	ZM_005_B2_F03		ZM_005_B2_F03_MR
3211	ZM_005_B2_F05	ZM_005_B2_F05_T7C	
3212	ZM_005_B2_F05		ZM_005_B2_F05_MR
3213	ZM_005_B2_F06		ZM_005_B2_F06_MR
3214	ZM_005_B2_F07		ZM_005_B2_F07_MR
3215	ZM_005_B2_F08	ZM_005_B2_F08_T7C	
3216	ZM_005_B2_F08		ZM_005_B2_F08_MR
3217	ZM_005_B2_F09	ZM_005_B2_F09_T7C	
3218	ZM_005_B2_F09		ZM_005_B2_F09_MR
3219	ZM_005_B2_F10		ZM_005_B2_F10_MR
3220	ZM_005_B2_F11		ZM_005_B2_F11_MR
3221	ZM_005_B2_F12		ZM_005_B2_F12_MR
3222	ZM_005_B2_G01	ZM_005_B2_G01_T7C	
3223	ZM_005_B2_G02	ZM_005_B2_G02_T7C	
3224	ZM_005_B2_G02		ZM_005_B2_G02_MR
3225	ZM_005_B2_G03	ZM_005_B2_G03_T7C	
3226	ZM_005_B2_G03		ZM_005_B2_G03_MR
3227	ZM_005_B2_G04	ZM_005_B2_G04_T7C	
3228	ZM_005_B2_G05	ZM_005_B2_G05_T7C	
3229	ZM_005_B2_G05		ZM_005_B2_G05_MR
3230	ZM_005_B2_G06	ZM_005_B2_G06_T7C	
3231	ZM_005_B2_G07	ZM_005_B2_G07_T7C	
3232	ZM_005_B2_G07		ZM_005_B2_G07_MR
3233	ZM_005_B2_G08		ZM_005_B2_G08_MR
3234	ZM_005_B2_G10	ZM_005_B2_G10_T7C	
3235	ZM_005_B2_G11	ZM_005_B2_G11_T7C	
3236	ZM_005_B2_G12	ZM_005_B2_G12_T7C	
3237	ZM_005_B2_G12		ZM_005_B2_G12_MR
3238	ZM_005_B2_H04	ZM_005_B2_H04_T7C	
3239	ZM_005_B2_H04		ZM_005_B2_H04_MR
3240	ZM_005_B2_H05	ZM_005_B2_H05_T7C	
3241	ZM_005_B2_H05		ZM_005_B2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3242	ZM_005_B2_H06	ZM_005_B2_H06_T7C	
3243	ZM_005_B2_H06		ZM_005_B2_H06_MR
3244	ZM_005_B2_H07	ZM_005_B2_H07_T7C	
3245	ZM_005_B2_H07		ZM_005_B2_H07_MR
3246	ZM_005_B2_H08	ZM_005_B2_H08_T7C	
3247	ZM_0065_A2_A01	ZM_0065_A2_A01_T7C	
3248	ZM_0065_A2_A02	ZM_0065_A2_A02_T7C	
3249	ZM_0065_A2_A02		ZM_0065_A2_A02_MR
3250	ZM_0065_A2_A04	ZM_0065_A2_A04_T7C	
3251	ZM_0065_A2_A04		ZM_0065_A2_A04_MR
3252	ZM_0065_A2_A07	ZM_0065_A2_A07_T7C	
3253	ZM_0065_A2_A08	ZM_0065_A2_A08_T7C	
3254	ZM_0065_A2_A08		ZM_0065_A2_A08_MR
3255	ZM_0065_A2_A10	ZM_0065_A2_A10_T7C	
3256	ZM_0065_A2_A11	ZM_0065_A2_A11_T7C	
3257	ZM_0065_A2_B01	ZM_0065_A2_B01_T7C	
3258	ZM_0065_A2_B01		ZM_0065_A2_B01_MR
3259	ZM_0065_A2_B02		ZM_0065_A2_B02_MR
3260	ZM_0065_A2_B03	ZM_0065_A2_B03_T7C	
3261	ZM_0065_A2_B04	ZM_0065_A2_B04_T7C	
3262	ZM_0065_A2_B04		ZM_0065_A2_B04_MR
3263	ZM_0065_A2_B05		ZM_0065_A2_B05_MR
3264	ZM_0065_A2_B06	ZM_0065_A2_B06_T7C	
3265	ZM_0065_A2_B06		ZM_0065_A2_B06_MR
3266	ZM_0065_A2_B07	ZM_0065_A2_B07_T7C	
3267	ZM_0065_A2_B07		ZM_0065_A2_B07_MR
3268	ZM_0065_A2_B08	ZM_0065_A2_B08_T7C	
3269	ZM_0065_A2_B08		ZM_0065_A2_B08_MR
3270	ZM_0065_A2_B09	ZM_0065_A2_B09_T7C	
3271	ZM_0065_A2_B09		ZM_0065_A2_B09_MR
3272	ZM_0065_A2_B10	ZM_0065_A2_B10_T7C	
3273	ZM_0065_A2_B10		ZM_0065_A2_B10_MR
3274	ZM_0065_A2_B11	ZM_0065_A2_B11_T7C	
3275	ZM_0065_A2_B11		ZM_0065_A2_B11_MR
3276	ZM_0065_A2_B12	ZM_0065_A2_B12_T7C	
3277	ZM_0065_A2_B12		ZM_0065_A2_B12_MR
3278	ZM_0065_A2_C01	ZM_0065_A2_C01_T7C	
3279	ZM_0065_A2_C02		ZM_0065_A2_C02_MR
3280	ZM_0065_A2_C03	ZM_0065_A2_C03_T7C	
3281	ZM_0065_A2_C04	ZM_0065_A2_C04_T7C	
3282	ZM_0065_A2_C04		ZM_0065_A2_C04_MR
3283	ZM_0065_A2_C05	ZM_0065_A2_C05_T7C	
3284	ZM_0065_A2_C06		ZM_0065_A2_C06_MR
3285	ZM_0065_A2_C07	ZM_0065_A2_C07_T7C	
3286	ZM_0065_A2_C07		ZM_0065_A2_C07_MR
3287	ZM_0065_A2_C08	ZM_0065_A2_C08_T7C	
3288	ZM_0065_A2_D01	ZM_0065_A2_D01_T7C	
3289	ZM_0065_A2_D01		ZM_0065_A2_D01_MR
3290	ZM_0065_A2_D02	ZM_0065_A2_D02_T7C	
3291	ZM_0065_A2_D02		ZM_0065_A2_D02_MR
3292	ZM_0065_A2_D03	ZM_0065_A2_D03_T7C	
3293	ZM_0065_A2_D03		ZM_0065_A2_D03_MR
3294	ZM_0065_A2_D04	ZM_0065_A2_D04_T7C	
3295	ZM_0065_A2_D04		ZM_0065_A2_D04_MR
3296	ZM_0065_A2_D05	ZM_0065_A2_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3297	ZM_0065_A2_D05		ZM_0065_A2_D05_MR
3298	ZM_0065_A2_D06		ZM_0065_A2_D06_MR
3299	ZM_0065_A2_D07		ZM_0065_A2_D07_MR
3300	ZM_0065_A2_D08	ZM_0065_A2_D08_T7C	
3301	ZM_0065_A2_D08		ZM_0065_A2_D08_MR
3302	ZM_0065_A2_D10	ZM_0065_A2_D10_T7C	
3303	ZM_0065_A2_D11	ZM_0065_A2_D11_T7C	
3304	ZM_0065_A2_D11		ZM_0065_A2_D11_MR
3305	ZM_0065_A2_D12	ZM_0065_A2_D12_T7C	
3306	ZM_0065_A2_D12		ZM_0065_A2_D12_MR
3307	ZM_0065_A2_E01	ZM_0065_A2_E01_T7C	
3308	ZM_0065_A2_E01		ZM_0065_A2_E01_MR
3309	ZM_0065_A2_E02	ZM_0065_A2_E02_T7C	
3310	ZM_0065_A2_E02		ZM_0065_A2_E02_MR
3311	ZM_0065_A2_E03	ZM_0065_A2_E03_T7C	
3312	ZM_0065_A2_E04		ZM_0065_A2_E04_MR
3313	ZM_0065_A2_E07	ZM_0065_A2_E07_T7C	
3314	ZM_0065_A2_E07		ZM_0065_A2_E07_MR
3315	ZM_0065_A2_E08	ZM_0065_A2_E08_T7C	
3316	ZM_0065_A2_E08		ZM_0065_A2_E08_MR
3317	ZM_0065_A2_E09	ZM_0065_A2_E09_T7C	
3318	ZM_0065_A2_E10	ZM_0065_A2_E10_T7C	
3319	ZM_0065_A2_E11	ZM_0065_A2_E11_T7C	
3320	ZM_0065_A2_E11		ZM_0065_A2_E11_MR
3321	ZM_0065_A2_E12	ZM_0065_A2_E12_T7C	
3322	ZM_0065_A2_F01	ZM_0065_A2_F01_T7C	
3323	ZM_0065_A2_F01		ZM_0065_A2_F01_MR
3324	ZM_0065_A2_F02	ZM_0065_A2_F02_T7C	
3325	ZM_0065_A2_F02		ZM_0065_A2_F02_MR
3326	ZM_0065_A2_F04	ZM_0065_A2_F04_T7C	
3327	ZM_0065_A2_F04		ZM_0065_A2_F04_MR
3328	ZM_0065_A2_F06		ZM_0065_A2_F06_MR
3329	ZM_0065_A2_F07	ZM_0065_A2_F07_T7C	
3330	ZM_0065_A2_F07		ZM_0065_A2_F07_MR
3331	ZM_0065_A2_F08	ZM_0065_A2_F08_T7C	
3332	ZM_0065_A2_F08		ZM_0065_A2_F08_MR
3333	ZM_0065_A2_F09		ZM_0065_A2_F09_MR
3334	ZM_0065_A2_F10	ZM_0065_A2_F10_T7C	
3335	ZM_0065_A2_F10		ZM_0065_A2_F10_MR
3336	ZM_0065_A2_F11	ZM_0065_A2_F11_T7C	
3337	ZM_0065_A2_F11		ZM_0065_A2_F11_MR
3338	ZM_0065_A2_F12	ZM_0065_A2_F12_T7C	
3339	ZM_0065_A2_F12		ZM_0065_A2_F12_MR
3340	ZM_0065_A2_G02	ZM_0065_A2_G02_T7C	
3341	ZM_0065_A2_G04	ZM_0065_A2_G04_T7C	
3342	ZM_0065_A2_G06	ZM_0065_A2_G06_T7C	
3343	ZM_0065_A2_G07	ZM_0065_A2_G07_T7C	
3344	ZM_0065_A2_G08	ZM_0065_A2_G08_T7C	
3345	ZM_0065_A2_G10	ZM_0065_A2_G10_T7C	
3346	ZM_0065_A2_G11	ZM_0065_A2_G11_T7C	
3347	ZM_0065_A2_G12	ZM_0065_A2_G12_T7C	
3348	ZM_0065_A2_H01	ZM_0065_A2_H01_T7C	
3349	ZM_0065_A2_H02	ZM_0065_A2_H02_T7C	
3350	ZM_0065_A2_H02		ZM_0065_A2_H02_MR
3351	ZM_0065_A2_H03	ZM_0065_A2_H03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3352	ZM_0065_A2_H03		ZM_0065_A2_H03_MR
3353	ZM_0065_A2_H04	ZM_0065_A2_H04_T7C	
3354	ZM_0065_A2_H04		ZM_0065_A2_H04_MR
3355	ZM_0065_A2_H06	ZM_0065_A2_H06_T7C	
3356	ZM_0065_A2_H06		ZM_0065_A2_H06_MR
3357	ZM_0065_A2_H07	ZM_0065_A2_H07_T7C	
3358	ZM_0065_A2_H07		ZM_0065_A2_H07_MR
3359	ZM_0065_A2_H08	ZM_0065_A2_H08_T7C	
3360	ZM_0065_A2_H08		ZM_0065_A2_H08_MR
3361	ZM_0065_A2_H09	ZM_0065_A2_H09_T7C	
3362	ZM_0065_A2_H10	ZM_0065_A2_H10_T7C	
3363	ZM_0065_A2_H10		ZM_0065_A2_H10_MR
3364	ZM_0065_A2_H11	ZM_0065_A2_H11_T7C	
3365	ZM_0065_A2_H11		ZM_0065_A2_H11_MR
3366	ZM_0065_A2_H12	ZM_0065_A2_H12_T7C	
3367	ZM_006_A1_A01	ZM_006_A1_A01_T7C	
3368	ZM_006_A1_A02	ZM_006_A1_A02_T7C	
3369	ZM_006_A1_A03	ZM_006_A1_A03_T7C	
3370	ZM_006_A1_A04	ZM_006_A1_A04_T7C	
3371	ZM_006_A1_A04		ZM_006_A1_A04_MR
3372	ZM_006_A1_A05	ZM_006_A1_A05_T7C	
3373	ZM_006_A1_A05		ZM_006_A1_A05_MR
3374	ZM_006_A1_A06	ZM_006_A1_A06_T7C	
3375	ZM_006_A1_A07		ZM_006_A1_A07_MR
3376	ZM_006_A1_A08	ZM_006_A1_A08_T7C	
3377	ZM_006_A1_A09	ZM_006_A1_A09_T7C	
3378	ZM_006_A1_A10	ZM_006_A1_A10_T7C	
3379	ZM_006_A1_A11	ZM_006_A1_A11_T7C	
3380	ZM_006_A1_A12	ZM_006_A1_A12_T7C	
3381	ZM_006_A1_B01	ZM_006_A1_B01_T7C	
3382	ZM_006_A1_B02	ZM_006_A1_B02_T7C	
3383	ZM_006_A1_B03	ZM_006_A1_B03_T7C	
3384	ZM_006_A1_B04	ZM_006_A1_B04_T7C	
3385	ZM_006_A1_B04		ZM_006_A1_B04_MR
3386	ZM_006_A1_B05	ZM_006_A1_B05_T7C	
3387	ZM_006_A1_B05		ZM_006_A1_B05_MR
3388	ZM_006_A1_B06	ZM_006_A1_B06_T7C	
3389	ZM_006_A1_B06		ZM_006_A1_B06_MR
3390	ZM_006_A1_B07	ZM_006_A1_B07_T7C	
3391	ZM_006_A1_B08	ZM_006_A1_B08_T7C	
3392	ZM_006_A1_B08		ZM_006_A1_B08_MR
3393	ZM_006_A1_B09	ZM_006_A1_B09_T7C	
3394	ZM_006_A1_B10	ZM_006_A1_B10_T7C	
3395	ZM_006_A1_B10		ZM_006_A1_B10_MR
3396	ZM_006_A1_B11	ZM_006_A1_B11_T7C	
3397	ZM_006_A1_B12	ZM_006_A1_B12_T7C	
3398	ZM_006_A1_B12		ZM_006_A1_B12_MR
3399	ZM_006_A1_C02	ZM_006_A1_C02_T7C	
3400	ZM_006_A1_C04	ZM_006_A1_C04_T7C	
3401	ZM_006_A1_C04		ZM_006_A1_C04_MR
3402	ZM_006_A1_C05	ZM_006_A1_C05_T7C	
3403	ZM_006_A1_C06	ZM_006_A1_C06_T7C	
3404	ZM_006_A1_C07	ZM_006_A1_C07_T7C	
3405	ZM_006_A1_C07		ZM_006_A1_C07_MR
3406	ZM_006_A1_C08		ZM_006_A1_C08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3407	ZM_006_A1_C09	ZM_006_A1_C09_T7C	
3408	ZM_006_A1_C09		ZM_006_A1_C09_MR
3409	ZM_006_A1_C10	ZM_006_A1_C10_T7C	
3410	ZM_006_A1_C10		ZM_006_A1_C10_MR
3411	ZM_006_A1_C11	ZM_006_A1_C11_T7C	
3412	ZM_006_A1_C11		ZM_006_A1_C11_MR
3413	ZM_006_A1_D02	ZM_006_A1_D02_T7C	
3414	ZM_006_A1_D03	ZM_006_A1_D03_T7C	
3415	ZM_006_A1_D04	ZM_006_A1_D04_T7C	
3416	ZM_006_A1_D04		ZM_006_A1_D04_MR
3417	ZM_006_A1_D05	ZM_006_A1_D05_T7C	
3418	ZM_006_A1_D06	ZM_006_A1_D06_T7C	
3419	ZM_006_A1_D07	ZM_006_A1_D07_T7C	
3420	ZM_006_A1_D07		ZM_006_A1_D07_MR
3421	ZM_006_A1_D08	ZM_006_A1_D08_T7C	
3422	ZM_006_A1_D08		ZM_006_A1_D08_MR
3423	ZM_006_A1_D09	ZM_006_A1_D09_T7C	
3424	ZM_006_A1_D10	ZM_006_A1_D10_T7C	
3425	ZM_006_A1_D10		ZM_006_A1_D10_MR
3426	ZM_006_A1_D11	ZM_006_A1_D11_T7C	
3427	ZM_006_A1_D11		ZM_006_A1_D11_MR
3428	ZM_006_A1_D12	ZM_006_A1_D12_T7C	
3429	ZM_006_A1_E01	ZM_006_A1_E01_T7C	
3430	ZM_006_A1_E02	ZM_006_A1_E02_T7C	
3431	ZM_006_A1_E03	ZM_006_A1_E03_T7C	
3432	ZM_006_A1_E03		ZM_006_A1_E03_MR
3433	ZM_006_A1_E04	ZM_006_A1_E04_T7C	
3434	ZM_006_A1_E04		ZM_006_A1_E04_MR
3435	ZM_006_A1_E05	ZM_006_A1_E05_T7C	
3436	ZM_006_A1_E05		ZM_006_A1_E05_MR
3437	ZM_006_A1_E06	ZM_006_A1_E06_T7C	
3438	ZM_006_A1_E07	ZM_006_A1_E07_T7C	
3439	ZM_006_A1_E07		ZM_006_A1_E07_MR
3440	ZM_006_A1_E08	ZM_006_A1_E08_T7C	
3441	ZM_006_A1_E08		ZM_006_A1_E08_MR
3442	ZM_006_A1_E09	ZM_006_A1_E09_T7C	
3443	ZM_006_A1_E10	ZM_006_A1_E10_T7C	
3444	ZM_006_A1_E10		ZM_006_A1_E10_MR
3445	ZM_006_A1_E11	ZM_006_A1_E11_T7C	
3446	ZM_006_A1_E12	ZM_006_A1_E12_T7C	
3447	ZM_006_A1_F01	ZM_006_A1_F01_T7C	
3448	ZM_006_A1_F02	ZM_006_A1_F02_T7C	
3449	ZM_006_A1_F02		ZM_006_A1_F02_MR
3450	ZM_006_A1_F03	ZM_006_A1_F03_T7C	
3451	ZM_006_A1_F03		ZM_006_A1_F03_MR
3452	ZM_006_A1_F04	ZM_006_A1_F04_T7C	
3453	ZM_006_A1_F04		ZM_006_A1_F04_MR
3454	ZM_006_A1_F05	ZM_006_A1_F05_T7C	
3455	ZM_006_A1_F06	ZM_006_A1_F06_T7C	
3456	ZM_006_A1_F06		ZM_006_A1_F06_MR
3457	ZM_006_A1_F07	ZM_006_A1_F07_T7C	
3458	ZM_006_A1_F07		ZM_006_A1_F07_MR
3459	ZM_006_A1_F08	ZM_006_A1_F08_T7C	
3460	ZM_006_A1_F08		ZM_006_A1_F08_MR
3461	ZM_006_A1_F09	ZM_006_A1_F09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3462	ZM_006_A1_F09		ZM_006_A1_F09_MR
3463	ZM_006_A1_F10	ZM_006_A1_F10_T7C	
3464	ZM_006_A1_F10		ZM_006_A1_F10_MR
3465	ZM_006_A1_F11	ZM_006_A1_F11_T7C	
3466	ZM_006_A1_F11		ZM_006_A1_F11_MR
3467	ZM_006_A1_F12	ZM_006_A1_F12_T7C	
3468	ZM_006_A1_G01	ZM_006_A1_G01_T7C	
3469	ZM_006_A1_G01		ZM_006_A1_G01_MR
3470	ZM_006_A1_G02	ZM_006_A1_G02_T7C	
3471	ZM_006_A1_G03	ZM_006_A1_G03_T7C	
3472	ZM_006_A1_G05	ZM_006_A1_G05_T7C	
3473	ZM_006_A1_G05		ZM_006_A1_G05_MR
3474	ZM_006_A1_G06	ZM_006_A1_G06_T7C	
3475	ZM_006_A1_G06		ZM_006_A1_G06_MR
3476	ZM_006_A1_G07	ZM_006_A1_G07_T7C	
3477	ZM_006_A1_G07		ZM_006_A1_G07_MR
3478	ZM_006_A1_G08	ZM_006_A1_G08_T7C	
3479	ZM_006_A1_G09	ZM_006_A1_G09_T7C	
3480	ZM_006_A1_G09		ZM_006_A1_G09_MR
3481	ZM_006_A1_G10	ZM_006_A1_G10_T7C	
3482	ZM_006_A1_G10		ZM_006_A1_G10_MR
3483	ZM_006_A1_G11	ZM_006_A1_G11_T7C	
3484	ZM_006_A1_G11		ZM_006_A1_G11_MR
3485	ZM_006_A1_G12	ZM_006_A1_G12_T7C	
3486	ZM_006_A1_G12		ZM_006_A1_G12_MR
3487	ZM_006_A1_H01	ZM_006_A1_H01_T7C	
3488	ZM_006_A1_H01		ZM_006_A1_H01_MR
3489	ZM_006_A1_H02	ZM_006_A1_H02_T7C	
3490	ZM_006_A1_H03	ZM_006_A1_H03_T7C	
3491	ZM_006_A1_H03		ZM_006_A1_H03_MR
3492	ZM_006_A1_H04	ZM_006_A1_H04_T7C	
3493	ZM_006_A1_H04		ZM_006_A1_H04_MR
3494	ZM_006_A1_H05	ZM_006_A1_H05_T7C	
3495	ZM_006_A1_H06	ZM_006_A1_H06_T7C	
3496	ZM_006_A1_H07	ZM_006_A1_H07_T7C	
3497	ZM_006_A1_H07		ZM_006_A1_H07_MR
3498	ZM_006_A1_H08	ZM_006_A1_H08_T7C	
3499	ZM_006_A1_H09	ZM_006_A1_H09_T7C	
3500	ZM_006_A1_H09		ZM_006_A1_H09_MR
3501	ZM_006_A1_H10	ZM_006_A1_H10_T7C	
3502	ZM_006_A1_H11	ZM_006_A1_H11_T7C	
3503	ZM_006_A1_H11		ZM_006_A1_H11_MR
3504	ZM_006_A1_H12	ZM_006_A1_H12_T7C	
3505	ZM_006_A1_H12		ZM_006_A1_H12_MR
3506	ZM_006_A2_A02	ZM_006_A2_A02_T7C	
3507	ZM_006_A2_A04	ZM_006_A2_A04_T7C	
3508	ZM_006_A2_A05	ZM_006_A2_A05_T7C	
3509	ZM_006_A2_A06	ZM_006_A2_A06_T7C	
3510	ZM_006_A2_A06		ZM_006_A2_A06_MR
3511	ZM_006_A2_A07	ZM_006_A2_A07_T7C	
3512	ZM_006_A2_A08	ZM_006_A2_A08_T7C	
3513	ZM_006_A2_A09	ZM_006_A2_A09_T7C	
3514	ZM_006_A2_A10	ZM_006_A2_A10_T7C	
3515	ZM_006_A2_A10		ZM_006_A2_A10_MR
3516	ZM_006_A2_A11	ZM_006_A2_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3517	ZM_006_A2_A11		ZM_006_A2_A11_MR
3518	ZM_006_A2_A12	ZM_006_A2_A12_T7C	
3519	ZM_006_A2_A12		ZM_006_A2_A12_MR
3520	ZM_006_A2_B01		ZM_006_A2_B01_MR
3521	ZM_006_A2_B02	ZM_006_A2_B02_T7C	
3522	ZM_006_A2_B02		ZM_006_A2_B02_MR
3523	ZM_006_A2_B03	ZM_006_A2_B03_T7C	
3524	ZM_006_A2_B04	ZM_006_A2_B04_T7C	
3525	ZM_006_A2_B04		ZM_006_A2_B04_MR
3526	ZM_006_A2_B05		ZM_006_A2_B05_MR
3527	ZM_006_A2_B07	ZM_006_A2_B07_T7C	
3528	ZM_006_A2_B07		ZM_006_A2_B07_MR
3529	ZM_006_A2_B08	ZM_006_A2_B08_T7C	
3530	ZM_006_A2_B08		ZM_006_A2_B08_MR
3531	ZM_006_A2_B09		ZM_006_A2_B09_MR
3532	ZM_006_A2_B10	ZM_006_A2_B10_T7C	
3533	ZM_006_A2_B10		ZM_006_A2_B10_MR
3534	ZM_006_A2_B11	ZM_006_A2_B11_T7C	
3535	ZM_006_A2_B11		ZM_006_A2_B11_MR
3536	ZM_006_A2_B12		ZM_006_A2_B12_MR
3537	ZM_006_A2_C01	ZM_006_A2_C01_T7C	
3538	ZM_006_A2_C01		ZM_006_A2_C01_MR
3539	ZM_006_A2_C02		ZM_006_A2_C02_MR
3540	ZM_006_A2_C03	ZM_006_A2_C03_T7C	
3541	ZM_006_A2_C04		ZM_006_A2_C04_MR
3542	ZM_006_A2_C05		ZM_006_A2_C05_MR
3543	ZM_006_A2_C06	ZM_006_A2_C06_T7C	
3544	ZM_006_A2_C06		ZM_006_A2_C06_MR
3545	ZM_006_A2_C08	ZM_006_A2_C08_T7C	
3546	ZM_006_A2_C08		ZM_006_A2_C08_MR
3547	ZM_006_A2_C09		ZM_006_A2_C09_MR
3548	ZM_006_A2_C10	ZM_006_A2_C10_T7C	
3549	ZM_006_A2_C10		ZM_006_A2_C10_MR
3550	ZM_006_A2_C11	ZM_006_A2_C11_T7C	
3551	ZM_006_A2_C11		ZM_006_A2_C11_MR
3552	ZM_006_A2_C12	ZM_006_A2_C12_T7C	
3553	ZM_006_A2_C12		ZM_006_A2_C12_MR
3554	ZM_006_A2_D01	ZM_006_A2_D01_T7C	
3555	ZM_006_A2_D01		ZM_006_A2_D01_MR
3556	ZM_006_A2_D02	ZM_006_A2_D02_T7C	
3557	ZM_006_A2_D02		ZM_006_A2_D02_MR
3558	ZM_006_A2_D03	ZM_006_A2_D03_T7C	
3559	ZM_006_A2_D03		ZM_006_A2_D03_MR
3560	ZM_006_A2_D04	ZM_006_A2_D04_T7C	
3561	ZM_006_A2_D04		ZM_006_A2_D04_MR
3562	ZM_006_A2_D05	ZM_006_A2_D05_T7C	
3563	ZM_006_A2_D05		ZM_006_A2_D05_MR
3564	ZM_006_A2_D06	ZM_006_A2_D06_T7C	
3565	ZM_006_A2_D06		ZM_006_A2_D06_MR
3566	ZM_006_A2_D07	ZM_006_A2_D07_T7C	
3567	ZM_006_A2_D07		ZM_006_A2_D07_MR
3568	ZM_006_A2_D08	ZM_006_A2_D08_T7C	
3569	ZM_006_A2_D08		ZM_006_A2_D08_MR
3570	ZM_006_A2_D09	ZM_006_A2_D09_T7C	
3571	ZM_006_A2_D09		ZM_006_A2_D09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3572	ZM_006_A2_D10		ZM_006_A2_D10_MR
3573	ZM_006_A2_D11	ZM_006_A2_D11_T7C	
3574	ZM_006_A2_D11		ZM_006_A2_D11_MR
3575	ZM_006_A2_D12	ZM_006_A2_D12_T7C	
3576	ZM_006_A2_D12		ZM_006_A2_D12_MR
3577	ZM_006_A2_E02	ZM_006_A2_E02_T7C	
3578	ZM_006_A2_E02		ZM_006_A2_E02_MR
3579	ZM_006_A2_E03	ZM_006_A2_E03_T7C	
3580	ZM_006_A2_E04	ZM_006_A2_E04_T7C	
3581	ZM_006_A2_E05	ZM_006_A2_E05_T7C	
3582	ZM_006_A2_E05		ZM_006_A2_E05_MR
3583	ZM_006_A2_E06	ZM_006_A2_E06_T7C	
3584	ZM_006_A2_E06		ZM_006_A2_E06_MR
3585	ZM_006_A2_E07	ZM_006_A2_E07_T7C	
3586	ZM_006_A2_E08	ZM_006_A2_E08_T7C	
3587	ZM_006_A2_E08		ZM_006_A2_E08_MR
3588	ZM_006_A2_E09	ZM_006_A2_E09_T7C	
3589	ZM_006_A2_E09		ZM_006_A2_E09_MR
3590	ZM_006_A2_E10		ZM_006_A2_E10_MR
3591	ZM_006_A2_E11	ZM_006_A2_E11_T7C	
3592	ZM_006_A2_E11		ZM_006_A2_E11_MR
3593	ZM_006_A2_E12	ZM_006_A2_E12_T7C	
3594	ZM_006_A2_E12		ZM_006_A2_E12_MR
3595	ZM_006_A2_F01		ZM_006_A2_F01_MR
3596	ZM_006_A2_F02	ZM_006_A2_F02_T7C	
3597	ZM_006_A2_F02		ZM_006_A2_F02_MR
3598	ZM_006_A2_F04	ZM_006_A2_F04_T7C	
3599	ZM_006_A2_F04		ZM_006_A2_F04_MR
3600	ZM_006_A2_F05	ZM_006_A2_F05_T7C	
3601	ZM_006_A2_F06	ZM_006_A2_F06_T7C	
3602	ZM_006_A2_F06		ZM_006_A2_F06_MR
3603	ZM_006_A2_F07	ZM_006_A2_F07_T7C	
3604	ZM_006_A2_F07		ZM_006_A2_F07_MR
3605	ZM_006_A2_F08	ZM_006_A2_F08_T7C	ZM_006_A2_F08
	ZM_006_A2_F08_MR		
3607	ZM_006_A2_F09	ZM_006_A2_F09_T7C	
3608	ZM_006_A2_F10	ZM_006_A2_F10_T7C	
3609	ZM_006_A2_F10		ZM_006_A2_F10_MR
3610	ZM_006_A2_F11	ZM_006_A2_F11_T7C	
3611	ZM_006_A2_F11		ZM_006_A2_F11_MR
3612	ZM_006_A2_G01		ZM_006_A2_G01_MR
3613	ZM_006_A2_G03	ZM_006_A2_G03_T7C	
3614	ZM_006_A2_G03		ZM_006_A2_G03_MR
3615	ZM_006_A2_G04	ZM_006_A2_G04_T7C	
3616	ZM_006_A2_G04		ZM_006_A2_G04_MR
3617	ZM_006_A2_G06	ZM_006_A2_G06_T7C	
3618	ZM_006_A2_G07		ZM_006_A2_G07_MR
3619	ZM_006_A2_G10	ZM_006_A2_G10_T7C	
3620	ZM_006_A2_G10		ZM_006_A2_G10_MR
3621	ZM_006_A2_G11		ZM_006_A2_G11_MR
3622	ZM_006_A2_G12	ZM_006_A2_G12_T7C	
3623	ZM_006_A2_H01	ZM_006_A2_H01_T7C	
3624	ZM_006_A2_H01		ZM_006_A2_H01_MR
3625	ZM_006_A2_H02	ZM_006_A2_H02_T7C	
3626	ZM_006_A2_H02		ZM_006_A2_H02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3627	ZM_006_A2_H03	ZM_006_A2_H03_T7C	
3628	ZM_006_A2_H03		ZM_006_A2_H03_MR
3629	ZM_006_A2_H04	ZM_006_A2_H04_T7C	
3630	ZM_006_A2_H04		ZM_006_A2_H04_MR
3631	ZM_006_A2_H05		ZM_006_A2_H05_MR
3632	ZM_006_A2_H07	ZM_006_A2_H07_T7C	
3633	ZM_006_A2_H08	ZM_006_A2_H08_T7C	
3634	ZM_006_A2_H09	ZM_006_A2_H09_T7C	
3635	ZM_006_A2_H09		ZM_006_A2_H09_MR
3636	ZM_006_A2_H10	ZM_006_A2_H10_T7C	
3637	ZM_006_A2_H10		ZM_006_A2_H10_MR
3638	ZM_006_A2_H11		ZM_006_A2_H11_MR
3639	ZM_006_A2_H12	ZM_006_A2_H12_T7C	
3640	ZM_006_A2_H12		ZM_006_A2_H12_MR
3641	ZM_006_B1_A01	ZM_006_B1_A01_T7C	
3642	ZM_006_B1_A01		ZM_006_B1_A01_MR
3643	ZM_006_B1_A02	ZM_006_B1_A02_T7C	
3644	ZM_006_B1_A02		ZM_006_B1_A02_MR
3645	ZM_006_B1_A03	ZM_006_B1_A03_T7C	
3646	ZM_006_B1_A03		ZM_006_B1_A03_MR
3647	ZM_006_B1_A04	ZM_006_B1_A04_T7C	
3648	ZM_006_B1_A04		ZM_006_B1_A04_MR
3649	ZM_006_B1_A05	ZM_006_B1_A05_T7C	
3650	ZM_006_B1_A05		ZM_006_B1_A05_MR
3651	ZM_006_B1_A07	ZM_006_B1_A07_T7C	
3652	ZM_006_B1_A07		ZM_006_B1_A07_MR
3653	ZM_006_B1_A08	ZM_006_B1_A08_T7C	
3654	ZM_006_B1_A08		ZM_006_B1_A08_MR
3655	ZM_006_B1_A09	ZM_006_B1_A09_T7C	
3656	ZM_006_B1_A09		ZM_006_B1_A09_MR
3657	ZM_006_B1_A10	ZM_006_B1_A10_T7C	
3658	ZM_006_B1_A10		ZM_006_B1_A10_MR
3659	ZM_006_B1_A11	ZM_006_B1_A11_T7C	
3660	ZM_006_B1_A12	ZM_006_B1_A12_T7C	
3661	ZM_006_B1_B01	ZM_006_B1_B01_T7C	
3662	ZM_006_B1_B01		ZM_006_B1_B01_MR
3663	ZM_006_B1_B02	ZM_006_B1_B02_T7C	
3664	ZM_006_B1_B03		ZM_006_B1_B03_MR
3665	ZM_006_B1_B04	ZM_006_B1_B04_T7C	
3666	ZM_006_B1_B05	ZM_006_B1_B05_T7C	
3667	ZM_006_B1_B05		ZM_006_B1_B05_MR
3668	ZM_006_B1_B06	ZM_006_B1_B06_T7C	
3669	ZM_006_B1_B06		ZM_006_B1_B06_MR
3670	ZM_006_B1_B07	ZM_006_B1_B07_T7C	
3671	ZM_006_B1_B08	ZM_006_B1_B08_T7C	
3672	ZM_006_B1_B10	ZM_006_B1_B10_T7C	
3673	ZM_006_B1_B10		ZM_006_B1_B10_MR
3674	ZM_006_B1_B11	ZM_006_B1_B11_T7C	
3675	ZM_006_B1_B12	ZM_006_B1_B12_T7C	
3676	ZM_006_B1_C01	ZM_006_B1_C01_T7C	
3677	ZM_006_B1_C01		ZM_006_B1_C01_MR
3678	ZM_006_B1_C02	ZM_006_B1_C02_T7C	
3679	ZM_006_B1_C02		ZM_006_B1_C02_MR
3680	ZM_006_B1_C03	ZM_006_B1_C03_T7C	
3681	ZM_006_B1_C03		ZM_006_B1_C03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3682	ZM_006_B1_C04	ZM_006_B1_C04_T7C	
3683	ZM_006_B1_C04		ZM_006_B1_C04_MR
3684	ZM_006_B1_C05	ZM_006_B1_C05_T7C	
3685	ZM_006_B1_C05		ZM_006_B1_C05_MR
3686	ZM_006_B1_C06	ZM_006_B1_C06_T7C	
3687	ZM_006_B1_C06		ZM_006_B1_C06_MR
3688	ZM_006_B1_C07	ZM_006_B1_C07_T7C	
3689	ZM_006_B1_C07		ZM_006_B1_C07_MR
3690	ZM_006_B1_C08	ZM_006_B1_C08_T7C	
3691	ZM_006_B1_C08		ZM_006_B1_C08_MR
3692	ZM_006_B1_C09	ZM_006_B1_C09_T7C	
3693	ZM_006_B1_C09		ZM_006_B1_C09_MR
3694	ZM_006_B1_C10	ZM_006_B1_C10_T7C	
3695	ZM_006_B1_C10		ZM_006_B1_C10_MR
3696	ZM_006_B1_C11	ZM_006_B1_C11_T7C	
3697	ZM_006_B1_C11		ZM_006_B1_C11_MR
3698	ZM_006_B1_C12	ZM_006_B1_C12_T7C	
3699	ZM_006_B1_C12		ZM_006_B1_C12_MR
3700	ZM_006_B1_D01		ZM_006_B1_D01_MR
3701	ZM_006_B1_D03	ZM_006_B1_D03_T7C	
3702	ZM_006_B1_D03		ZM_006_B1_D03_MR
3703	ZM_006_B1_D04	ZM_006_B1_D04_T7C	
3704	ZM_006_B1_D04		ZM_006_B1_D04_MR
3705	ZM_006_B1_D05	ZM_006_B1_D05_T7C	
3706	ZM_006_B1_D05		ZM_006_B1_D05_MR
3707	ZM_006_B1_D06	ZM_006_B1_D06_T7C	
3708	ZM_006_B1_D06		ZM_006_B1_D06_MR
3709	ZM_006_B1_D07	ZM_006_B1_D07_T7C	
3710	ZM_006_B1_D07		ZM_006_B1_D07_MR
3711	ZM_006_B1_D08	ZM_006_B1_D08_T7C	
3712	ZM_006_B1_D08		ZM_006_B1_D08_MR
3713	ZM_006_B1_D09	ZM_006_B1_D09_T7C	
3714	ZM_006_B1_D09		ZM_006_B1_D09_MR
3715	ZM_006_B1_D10	ZM_006_B1_D10_T7C	
3716	ZM_006_B1_D11	ZM_006_B1_D11_T7C	
3717	ZM_006_B1_D11		ZM_006_B1_D11_MR
3718	ZM_006_B1_D12	ZM_006_B1_D12_T7C	
3719	ZM_006_B1_D12		ZM_006_B1_D12_MR
3720	ZM_006_B1_E01	ZM_006_B1_E01_T7C	
3721	ZM_006_B1_E01		ZM_006_B1_E01_MR
3722	ZM_006_B1_E02	ZM_006_B1_E02_T7C	
3723	ZM_006_B1_E02		ZM_006_B1_E02_MR
3724	ZM_006_B1_E03	ZM_006_B1_E03_T7C	
3725	ZM_006_B1_E03		ZM_006_B1_E03_MR
3726	ZM_006_B1_E04	ZM_006_B1_E04_T7C	
3727	ZM_006_B1_E05	ZM_006_B1_E05_T7C	
3728	ZM_006_B1_E05		ZM_006_B1_E05_MR
3729	ZM_006_B1_E06	ZM_006_B1_E06_T7C	
3730	ZM_006_B1_E06		ZM_006_B1_E06_MR
3731	ZM_006_B1_E07	ZM_006_B1_E07_T7C	
3732	ZM_006_B1_E07		ZM_006_B1_E07_MR
3733	ZM_006_B1_E08	ZM_006_B1_E08_T7C	
3734	ZM_006_B1_E08		ZM_006_B1_E08_MR
3735	ZM_006_B1_E09	ZM_006_B1_E09_T7C	
3736	ZM_006_B1_E09		ZM_006_B1_E09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3737	ZM_006_B1_E10	ZM_006_B1_E10_T7C	
3738	ZM_006_B1_E10		ZM_006_B1_E10_MR
3739	ZM_006_B1_E11	ZM_006_B1_E11_T7C	
3740	ZM_006_B1_E12	ZM_006_B1_E12_T7C	
3741	ZM_006_B1_E12		ZM_006_B1_E12_MR
3742	ZM_006_B1_F01	ZM_006_B1_F01_T7C	
3743	ZM_006_B1_F01		ZM_006_B1_F01_MR
3744	ZM_006_B1_F02	ZM_006_B1_F02_T7C	
3745	ZM_006_B1_F02		ZM_006_B1_F02_MR
3746	ZM_006_B1_F03	ZM_006_B1_F03_T7C	
3747	ZM_006_B1_F03		ZM_006_B1_F03_MR
3748	ZM_006_B1_F04	ZM_006_B1_F04_T7C	
3749	ZM_006_B1_F04		ZM_006_B1_F04_MR
3750	ZM_006_B1_F05	ZM_006_B1_F05_T7C	
3751	ZM_006_B1_F05		ZM_006_B1_F05_MR
3752	ZM_006_B1_F06	ZM_006_B1_F06_T7C	
3753	ZM_006_B1_F07	ZM_006_B1_F07_T7C	
3754	ZM_006_B1_F07		ZM_006_B1_F07_MR
3755	ZM_006_B1_F08	ZM_006_B1_F08_T7C	
3756	ZM_006_B1_F08		ZM_006_B1_F08_MR
3757	ZM_006_B1_F09	ZM_006_B1_F09_T7C	
3758	ZM_006_B1_F10	ZM_006_B1_F10_T7C	
3759	ZM_006_B1_F10		ZM_006_B1_F10_MR
3760	ZM_006_B1_F11	ZM_006_B1_F11_T7C	
3761	ZM_006_B1_F11		ZM_006_B1_F11_MR
3762	ZM_006_B1_G01	ZM_006_B1_G01_T7C	
3763	ZM_006_B1_G01		ZM_006_B1_G01_MR
3764	ZM_006_B1_G02	ZM_006_B1_G02_T7C	
3765	ZM_006_B1_G02		ZM_006_B1_G02_MR
3766	ZM_006_B1_G03	ZM_006_B1_G03_T7C	
3767	ZM_006_B1_G03		ZM_006_B1_G03_MR
3768	ZM_006_B1_G04	ZM_006_B1_G04_T7C	
3769	ZM_006_B1_G04		ZM_006_B1_G04_MR
3770	ZM_006_B1_G05	ZM_006_B1_G05_T7C	
3771	ZM_006_B1_G05		ZM_006_B1_G05_MR
3772	ZM_006_B1_G06	ZM_006_B1_G06_T7C	
3773	ZM_006_B1_G06		ZM_006_B1_G06_MR
3774	ZM_006_B1_G07	ZM_006_B1_G07_T7C	
3775	ZM_006_B1_G08	ZM_006_B1_G08_T7C	
3776	ZM_006_B1_G09	ZM_006_B1_G09_T7C	
3777	ZM_006_B1_G09		ZM_006_B1_G09_MR
3778	ZM_006_B1_G10	ZM_006_B1_G10_T7C	
3779	ZM_006_B1_G11	ZM_006_B1_G11_T7C	
3780	ZM_006_B1_G12	ZM_006_B1_G12_T7C	
3781	ZM_006_B1_G12		ZM_006_B1_G12_MR
3782	ZM_006_B1_H01		ZM_006_B1_H01_MR
3783	ZM_006_B1_H02	ZM_006_B1_H02_T7C	
3784	ZM_006_B1_H02		ZM_006_B1_H02_MR
3785	ZM_006_B1_H03	ZM_006_B1_H03_T7C	
3786	ZM_006_B1_H04	ZM_006_B1_H04_T7C	
3787	ZM_006_B1_H05	ZM_006_B1_H05_T7C	
3788	ZM_006_B1_H05		ZM_006_B1_H05_MR
3789	ZM_006_B1_H06		ZM_006_B1_H06_MR
3790	ZM_006_B1_H07	ZM_006_B1_H07_T7C	
3791	ZM_006_B1_H07		ZM_006_B1_H07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3792	ZM_006_B1_H08	ZM_006_B1_H08_T7C	
3793	ZM_006_B1_H09	ZM_006_B1_H09_T7C	
3794	ZM_006_B1_H09		ZM_006_B1_H09_MR
3795	ZM_006_B1_H10	ZM_006_B1_H10_T7C	
3796	ZM_006_B1_H10		ZM_006_B1_H10_MR
3797	ZM_006_B1_H11	ZM_006_B1_H11_T7C	
3798	ZM_006_B1_H11		ZM_006_B1_H11_MR
3799	ZM_006_B1_H12		ZM_006_B1_H12_MR
3800	ZM_007_A1_A05	ZM_007_A1_A05_T7	
3801	ZM_007_A1_A05		ZM_007_A1_A05_MR
3802	ZM_007_A1_A07		ZM_007_A1_A07_MR
3803	ZM_007_A1_A08		ZM_007_A1_A08_MR
3804	ZM_007_A1_A10		ZM_007_A1_A10_MR
3805	ZM_007_A1_A12		ZM_007_A1_A12_MR
3806	ZM_007_A1_B01	ZM_007_A1_B01_T7	
3807	ZM_007_A1_B03		ZM_007_A1_B03_MR
3808	ZM_007_A1_B04		ZM_007_A1_B04_MR
3809	ZM_007_A1_B05		ZM_007_A1_B05_MR
3810	ZM_007_A1_B06	ZM_007_A1_B06_T7	
3811	ZM_007_A1_B08		ZM_007_A1_B08_MR
3812	ZM_007_A1_B09		ZM_007_A1_B09_MR
3813	ZM_007_A1_B10		ZM_007_A1_B10_MR
3814	ZM_007_A1_C02	ZM_007_A1_C02_T7	
3815	ZM_007_A1_C05	ZM_007_A1_C05_T7	
3816	ZM_007_A1_C06	ZM_007_A1_C06_T7	
3817	ZM_007_A1_D02	ZM_007_A1_D02_T7	
3818	ZM_007_A1_D04		ZM_007_A1_D04_MR
3819	ZM_007_A1_D05		ZM_007_A1_D05_MR
3820	ZM_007_A1_D08		ZM_007_A1_D08_MR
3821	ZM_007_A1_D10	ZM_007_A1_D10_T7	
3822	ZM_007_A1_D12		ZM_007_A1_D12_MR
3823	ZM_007_A1_E04		ZM_007_A1_E04_MR
3824	ZM_007_A1_E05		ZM_007_A1_E05_MR
3825	ZM_007_A1_E08		ZM_007_A1_E08_MR
3826	ZM_007_A1_E09	ZM_007_A1_E09_T7	
3827	ZM_007_A1_E10		ZM_007_A1_E10_MR
3828	ZM_007_A1_F01	ZM_007_A1_F01_T7	
3829	ZM_007_A1_F04		ZM_007_A1_F04_MR
3830	ZM_007_A1_F05		ZM_007_A1_F05_MR
3831	ZM_007_A1_F08		ZM_007_A1_F08_MR
3832	ZM_007_A1_F09		ZM_007_A1_F09_MR
3833	ZM_007_A1_F10		ZM_007_A1_F10_MR
3834	ZM_007_A1_F11	ZM_007_A1_F11_T7	
3835	ZM_007_A1_G01	ZM_007_A1_G01_T7	
3836	ZM_007_A1_G02		ZM_007_A1_G02_MR
3837	ZM_007_A1_G03		ZM_007_A1_G03_MR
3838	ZM_007_A1_G04	ZM_007_A1_G04_T7	
3839	ZM_007_A1_G06		ZM_007_A1_G06_MR
3840	ZM_007_A1_G07		ZM_007_A1_G07_MR
3841	ZM_007_A1_G08		ZM_007_A1_G08_MR
3842	ZM_007_A1_G09		ZM_007_A1_G09_MR
3843	ZM_007_A1_G10	ZM_007_A1_G10_T7	
3844	ZM_007_A1_G11	ZM_007_A1_G11_T7	
3845	ZM_007_A1_G11		ZM_007_A1_G11_MR
3846	ZM_007_A1_G12	ZM_007_A1_G12_T7	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3847	ZM_007_A1_G12		ZM_007_A1_G12_MR
3848	ZM_007_A1_H01	ZM_007_A1_H01_T7	
3849	ZM_007_A1_H01		ZM_007_A1_H01_MR
3850	ZM_007_A1_H02		ZM_007_A1_H02_MR
3851	ZM_007_A1_H04		ZM_007_A1_H04_MR
3852	ZM_007_A1_H05		ZM_007_A1_H05_MR
3853	ZM_007_A1_H06	ZM_007_A1_H06_T7	
3854	ZM_007_A1_H06		ZM_007_A1_H06_MR
3855	ZM_007_A1_H07		ZM_007_A1_H07_MR
3856	ZM_007_A1_H08		ZM_007_A1_H08_MR
3857	ZM_007_A1_H09	ZM_007_A1_H09_T7	
3858	ZM_007_A1_H09		ZM_007_A1_H09_MR
3859	ZM_007_A1_H10		ZM_007_A1_H10_MR
3860	ZM_007_A1_H12		ZM_007_A1_H12_MR
3861	ZM_007_A2_A02	ZM_007_A2_A02_T7	
3862	ZM_007_A2_A03	ZM_007_A2_A03_T7	
3863	ZM_007_A2_A03		ZM_007_A2_A03_MR
3864	ZM_007_A2_A04	ZM_007_A2_A04_T7	
3865	ZM_007_A2_A04		ZM_007_A2_A04_MR
3866	ZM_007_A2_A05	ZM_007_A2_A05_T7	
3867	ZM_007_A2_A05		ZM_007_A2_A05_MR
3868	ZM_007_A2_A06	ZM_007_A2_A06_T7	
3869	ZM_007_A2_A06		ZM_007_A2_A06_MR
3870	ZM_007_A2_A07	ZM_007_A2_A07_T7	
3871	ZM_007_A2_A08	ZM_007_A2_A08_T7	
3872	ZM_007_A2_A08		ZM_007_A2_A08_MR
3873	ZM_007_A2_A10	ZM_007_A2_A10_T7	
3874	ZM_007_A2_A10		ZM_007_A2_A10_MR
3875	ZM_007_A2_A12	ZM_007_A2_A12_T7	
3876	ZM_007_A2_A12		ZM_007_A2_A12_MR
3877	ZM_007_A2_B04	ZM_007_A2_B04_T7	
3878	ZM_007_A2_B04		ZM_007_A2_B04_MR
3879	ZM_007_A2_B05	ZM_007_A2_B05_T7	
3880	ZM_007_A2_B05		ZM_007_A2_B05_MR
3881	ZM_007_A2_B06	ZM_007_A2_B06_T7	
3882	ZM_007_A2_B06		ZM_007_A2_B06_MR
3883	ZM_007_A2_B07	ZM_007_A2_B07_T7	
3884	ZM_007_A2_B07		ZM_007_A2_B07_MR
3885	ZM_007_A2_B08	ZM_007_A2_B08_T7	
3886	ZM_007_A2_B08		ZM_007_A2_B08_MR
3887	ZM_007_A2_B09	ZM_007_A2_B09_T7	
3888	ZM_007_A2_B09		ZM_007_A2_B09_MR
3889	ZM_007_A2_B10	ZM_007_A2_B10_T7	
3890	ZM_007_A2_B10		ZM_007_A2_B10_MR
3891	ZM_007_A2_B11	ZM_007_A2_B11_T7	
3892	ZM_007_A2_B11		ZM_007_A2_B11_MR
3893	ZM_007_A2_B12	ZM_007_A2_B12_T7	
3894	ZM_007_A2_B12		ZM_007_A2_B12_MR
3895	ZM_007_A2_C01	ZM_007_A2_C01_T7	
3896	ZM_007_A2_C02	ZM_007_A2_C02_T7	
3897	ZM_007_A2_C02		ZM_007_A2_C02_MR
3898	ZM_007_A2_C03	ZM_007_A2_C03_T7	
3899	ZM_007_A2_C03		ZM_007_A2_C03_MR
3900	ZM_007_A2_C04	ZM_007_A2_C04_T7	
3901	ZM_007_A2_C05	ZM_007_A2_C05_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3902	ZM_007_A2_C06	ZM_007_A2_C06_T7	
3903	ZM_007_A2_C07	ZM_007_A2_C07_T7	
3904	ZM_007_A2_C08	ZM_007_A2_C08_T7	
3905	ZM_007_A2_C08		ZM_007_A2_C08_MR
3906	ZM_007_A2_C09	ZM_007_A2_C09_T7	
3907	ZM_007_A2_C09		ZM_007_A2_C09_MR
3908	ZM_007_A2_C10	ZM_007_A2_C10_T7	
3909	ZM_007_A2_C10		ZM_007_A2_C10_MR
3910	ZM_007_A2_C11	ZM_007_A2_C11_T7	
3911	ZM_007_A2_C11		ZM_007_A2_C11_MR
3912	ZM_007_A2_C12	ZM_007_A2_C12_T7	
3913	ZM_007_A2_C12		ZM_007_A2_C12_MR
3914	ZM_007_A2_D01	ZM_007_A2_D01_T7	
3915	ZM_007_A2_D01		ZM_007_A2_D01_MR
3916	ZM_007_A2_D02	ZM_007_A2_D02_T7	
3917	ZM_007_A2_D02		ZM_007_A2_D02_MR
3918	ZM_007_A2_D03	ZM_007_A2_D03_T7	
3919	ZM_007_A2_D03		ZM_007_A2_D03_MR
3920	ZM_007_A2_D04	ZM_007_A2_D04_T7	
3921	ZM_007_A2_D04		ZM_007_A2_D04_MR
3922	ZM_007_A2_D05	ZM_007_A2_D05_T7	
3923	ZM_007_A2_D05		ZM_007_A2_D05_MR
3924	ZM_007_A2_D06	ZM_007_A2_D06_T7	
3925	ZM_007_A2_D06		ZM_007_A2_D06_MR
3926	ZM_007_A2_D07	ZM_007_A2_D07_T7	
3927	ZM_007_A2_D07		ZM_007_A2_D07_MR
3928	ZM_007_A2_D08	ZM_007_A2_D08_T7	
3929	ZM_007_A2_D08		ZM_007_A2_D08_MR
3930	ZM_007_A2_D09	ZM_007_A2_D09_T7	
3931	ZM_007_A2_D09		ZM_007_A2_D09_MR
3932	ZM_007_A2_D10	ZM_007_A2_D10_T7	
3933	ZM_007_A2_D10		ZM_007_A2_D10_MR
3934	ZM_007_A2_D11	ZM_007_A2_D11_T7	
3935	ZM_007_A2_D12	ZM_007_A2_D12_T7	
3936	ZM_007_A2_D12		ZM_007_A2_D12_MR
3937	ZM_007_A2_E02	ZM_007_A2_E02_T7	
3938	ZM_007_A2_E04	ZM_007_A2_E04_T7	
3939	ZM_007_A2_E04		ZM_007_A2_E04_MR
3940	ZM_007_A2_E05	ZM_007_A2_E05_T7	
3941	ZM_007_A2_E05		ZM_007_A2_E05_MR
3942	ZM_007_A2_E06	ZM_007_A2_E06_T7	
3943	ZM_007_A2_E07	ZM_007_A2_E07_T7	
3944	ZM_007_A2_E07		ZM_007_A2_E07_MR
3945	ZM_007_A2_E08	ZM_007_A2_E08_T7	
3946	ZM_007_A2_E10	ZM_007_A2_E10_T7	
3947	ZM_007_A2_E10		ZM_007_A2_E10_MR
3948	ZM_007_A2_E11	ZM_007_A2_E11_T7	
3949	ZM_007_A2_E11		ZM_007_A2_E11_MR
3950	ZM_007_A2_E12	ZM_007_A2_E12_T7	
3951	ZM_007_A2_E12		ZM_007_A2_E12_MR
3952	ZM_007_A2_F04	ZM_007_A2_F04_T7	
3953	ZM_007_A2_F05	ZM_007_A2_F05_T7	
3954	ZM_007_A2_F05		ZM_007_A2_F05_MR
3955	ZM_007_A2_F07	ZM_007_A2_F07_T7	
3956	ZM_007_A2_F09	ZM_007_A2_F09_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
3957	ZM_007_A2_F10	ZM_007_A2_F10_T7	
3958	ZM_007_A2_F10		ZM_007_A2_F10_MR
3959	ZM_007_A2_F11	ZM_007_A2_F11_T7	
3960	ZM_007_A2_F11		ZM_007_A2_F11_MR
3961	ZM_007_A2_F12	ZM_007_A2_F12_T7	
3962	ZM_007_A2_F12		ZM_007_A2_F12_MR
3963	ZM_007_A2_G01	ZM_007_A2_G01_T7	
3964	ZM_007_A2_G02	ZM_007_A2_G02_T7	
3965	ZM_007_A2_G03	ZM_007_A2_G03_T7	
3966	ZM_007_A2_G03		ZM_007_A2_G03_MR
3967	ZM_007_A2_G04	ZM_007_A2_G04_T7	
3968	ZM_007_A2_G05	ZM_007_A2_G05_T7	
3969	ZM_007_A2_G05		ZM_007_A2_G05_MR
3970	ZM_007_A2_G06	ZM_007_A2_G06_T7	
3971	ZM_007_A2_G07	ZM_007_A2_G07_T7	
3972	ZM_007_A2_G07		ZM_007_A2_G07_MR
3973	ZM_007_A2_G08	ZM_007_A2_G08_T7	
3974	ZM_007_A2_G08		ZM_007_A2_G08_MR
3975	ZM_007_A2_G09	ZM_007_A2_G09_T7	
3976	ZM_007_A2_G09		ZM_007_A2_G09_MR
3977	ZM_007_A2_G10	ZM_007_A2_G10_T7	
3978	ZM_007_A2_G10		ZM_007_A2_G10_MR
3979	ZM_007_A2_G11	ZM_007_A2_G11_T7	
3980	ZM_007_A2_G11		ZM_007_A2_G11_MR
3981	ZM_007_A2_G12	ZM_007_A2_G12_T7	
3982	ZM_007_A2_G12		ZM_007_A2_G12_MR
3983	ZM_007_A2_H01	ZM_007_A2_H01_T7	
3984	ZM_007_A2_H01		ZM_007_A2_H01_MR
3985	ZM_007_A2_H02	ZM_007_A2_H02_T7	
3986	ZM_007_A2_H02		ZM_007_A2_H02_MR
3987	ZM_007_A2_H03	ZM_007_A2_H03_T7	
3988	ZM_007_A2_H03		ZM_007_A2_H03_MR
3989	ZM_007_A2_H04	ZM_007_A2_H04_T7	
3990	ZM_007_A2_H04		ZM_007_A2_H04_MR
3991	ZM_007_A2_H06	ZM_007_A2_H06_T7	
3992	ZM_007_A2_H06		ZM_007_A2_H06_MR
3993	ZM_007_A2_H07	ZM_007_A2_H07_T7	
3994	ZM_007_A2_H07		ZM_007_A2_H07_MR
3995	ZM_007_A2_H08	ZM_007_A2_H08_T7	
3996	ZM_007_A2_H08		ZM_007_A2_H08_MR
3997	ZM_007_A2_H09	ZM_007_A2_H09_T7	
3998	ZM_007_A2_H09		ZM_007_A2_H09_MR
3999	ZM_007_A2_H10	ZM_007_A2_H10_T7	
4000	ZM_007_A2_H10		ZM_007_A2_H10_MR
4001	ZM_007_A2_H11	ZM_007_A2_H11_T7	
4002	ZM_007_A2_H11		ZM_007_A2_H11_MR
4003	ZM_007_A2_H12	ZM_007_A2_H12_T7	
4004	ZM_007_A2_H12		ZM_007_A2_H12_MR
4005	ZM_007_B1_A02	ZM_007_B1_A02_T7C	
4006	ZM_007_B1_A02		ZM_007_B1_A02_MR
4007	ZM_007_B1_A03	ZM_007_B1_A03_T7C	
4008	ZM_007_B1_A03		ZM_007_B1_A03_MR
4009	ZM_007_B1_A04	ZM_007_B1_A04_T7C	
4010	ZM_007_B1_A04		ZM_007_B1_A04_MR
4011	ZM_007_B1_A06	ZM_007_B1_A06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4012	ZM_007_B1_A06		ZM_007_B1_A06_MR
4013	ZM_007_B1_A07	ZM_007_B1_A07_T7C	
4014	ZM_007_B1_A07		ZM_007_B1_A07_MR
4015	ZM_007_B1_A08	ZM_007_B1_A08_T7C	
4016	ZM_007_B1_A08		ZM_007_B1_A08_MR
4017	ZM_007_B1_A09	ZM_007_B1_A09_T7C	
4018	ZM_007_B1_A09		ZM_007_B1_A09_MR
4019	ZM_007_B1_A10	ZM_007_B1_A10_T7C	
4020	ZM_007_B1_A10		ZM_007_B1_A10_MR
4021	ZM_007_B1_A11	ZM_007_B1_A11_T7C	
4022	ZM_007_B1_A11		ZM_007_B1_A11_MR
4023	ZM_007_B1_A12	ZM_007_B1_A12_T7C	
4024	ZM_007_B1_A12		ZM_007_B1_A12_MR
4025	ZM_007_B1_B01	ZM_007_B1_B01_T7C	
4026	ZM_007_B1_B01		ZM_007_B1_B01_MR
4027	ZM_007_B1_B02	ZM_007_B1_B02_T7C	
4028	ZM_007_B1_B02		ZM_007_B1_B02_MR
4029	ZM_007_B1_B03	ZM_007_B1_B03_T7C	
4030	ZM_007_B1_B03		ZM_007_B1_B03_MR
4031	ZM_007_B1_B04	ZM_007_B1_B04_T7C	
4032	ZM_007_B1_B04		ZM_007_B1_B04_MR
4033	ZM_007_B1_B05	ZM_007_B1_B05_T7C	
4034	ZM_007_B1_B05		ZM_007_B1_B05_MR
4035	ZM_007_B1_B06	ZM_007_B1_B06_T7C	
4036	ZM_007_B1_B06		ZM_007_B1_B06_MR
4037	ZM_007_B1_B07	ZM_007_B1_B07_T7C	
4038	ZM_007_B1_B07		ZM_007_B1_B07_MR
4039	ZM_007_B1_B08	ZM_007_B1_B08_T7C	
4040	ZM_007_B1_B08		ZM_007_B1_B08_MR
4041	ZM_007_B1_B09	ZM_007_B1_B09_T7C	
4042	ZM_007_B1_B09		ZM_007_B1_B09_MR
4043	ZM_007_B1_B10	ZM_007_B1_B10_T7C	
4044	ZM_007_B1_B10		ZM_007_B1_B10_MR
4045	ZM_007_B1_B11	ZM_007_B1_B11_T7C	
4046	ZM_007_B1_B11		ZM_007_B1_B11_MR
4047	ZM_007_B1_B12	ZM_007_B1_B12_T7C	
4048	ZM_007_B1_B12		ZM_007_B1_B12_MR
4049	ZM_007_B1_C01	ZM_007_B1_C01_T7C	
4050	ZM_007_B1_C01		ZM_007_B1_C01_MR
4051	ZM_007_B1_C02		ZM_007_B1_C02_MR
4052	ZM_007_B1_C03	ZM_007_B1_C03_T7C	
4053	ZM_007_B1_C03		ZM_007_B1_C03_MR
4054	ZM_007_B1_C04	ZM_007_B1_C04_T7C	
4055	ZM_007_B1_C04		ZM_007_B1_C04_MR
4056	ZM_007_B1_C05	ZM_007_B1_C05_T7C	
4057	ZM_007_B1_C06	ZM_007_B1_C06_T7C	
4058	ZM_007_B1_C06		ZM_007_B1_C06_MR
4059	ZM_007_B1_C07	ZM_007_B1_C07_T7C	
4060	ZM_007_B1_C07		ZM_007_B1_C07_MR
4061	ZM_007_B1_C08	ZM_007_B1_C08_T7C	
4062	ZM_007_B1_C08		ZM_007_B1_C08_MR
4063	ZM_007_B1_C09	ZM_007_B1_C09_T7C	
4064	ZM_007_B1_C09		ZM_007_B1_C09_MR
4065	ZM_007_B1_C10	ZM_007_B1_C10_T7C	
4066	ZM_007_B1_C10		ZM_007_B1_C10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4067	ZM_007_B1_C11	ZM_007_B1_C11_T7C	
4068	ZM_007_B1_C11		ZM_007_B1_C11_MR
4069	ZM_007_B1_C12	ZM_007_B1_C12_T7C	
4070	ZM_007_B1_C12		ZM_007_B1_C12_MR
4071	ZM_007_B1_D01	ZM_007_B1_D01_T7C	
4072	ZM_007_B1_D01		ZM_007_B1_D01_MR
4073	ZM_007_B1_D02		ZM_007_B1_D02_MR
4074	ZM_007_B1_D03	ZM_007_B1_D03_T7C	
4075	ZM_007_B1_D03		ZM_007_B1_D03_MR
4076	ZM_007_B1_D04	ZM_007_B1_D04_T7C	
4077	ZM_007_B1_D04		ZM_007_B1_D04_MR
4078	ZM_007_B1_D05	ZM_007_B1_D05_T7C	
4079	ZM_007_B1_D06	ZM_007_B1_D06_T7C	
4080	ZM_007_B1_D06		ZM_007_B1_D06_MR
4081	ZM_007_B1_D07	ZM_007_B1_D07_T7C	
4082	ZM_007_B1_D07		ZM_007_B1_D07_MR
4083	ZM_007_B1_D08	ZM_007_B1_D08_T7C	
4084	ZM_007_B1_D08		ZM_007_B1_D08_MR
4085	ZM_007_B1_D09	ZM_007_B1_D09_T7C	
4086	ZM_007_B1_D09		ZM_007_B1_D09_MR
4087	ZM_007_B1_D10	ZM_007_B1_D10_T7C	
4088	ZM_007_B1_D10		ZM_007_B1_D10_MR
4089	ZM_007_B1_D11	ZM_007_B1_D11_T7C	
4090	ZM_007_B1_D11		ZM_007_B1_D11_MR
4091	ZM_007_B1_D12	ZM_007_B1_D12_T7C	
4092	ZM_007_B1_D12		ZM_007_B1_D12_MR
4093	ZM_007_B1_E01	ZM_007_B1_E01_T7C	
4094	ZM_007_B1_E01		ZM_007_B1_E01_MR
4095	ZM_007_B1_E02	ZM_007_B1_E02_T7C	
4096	ZM_007_B1_E02		ZM_007_B1_E02_MR
4097	ZM_007_B1_E03		ZM_007_B1_E03_MR
4098	ZM_007_B1_E05	ZM_007_B1_E05_T7C	
4099	ZM_007_B1_E05		ZM_007_B1_E05_MR
4100	ZM_007_B1_E06	ZM_007_B1_E06_T7C	
4101	ZM_007_B1_E06		ZM_007_B1_E06_MR
4102	ZM_007_B1_E07	ZM_007_B1_E07_T7C	
4103	ZM_007_B1_E07		ZM_007_B1_E07_MR
4104	ZM_007_B1_E08	ZM_007_B1_E08_T7C	
4105	ZM_007_B1_E08		ZM_007_B1_E08_MR
4106	ZM_007_B1_E09	ZM_007_B1_E09_T7C	
4107	ZM_007_B1_E09		ZM_007_B1_E09_MR
4108	ZM_007_B1_E10	ZM_007_B1_E10_T7C	
4109	ZM_007_B1_E10		ZM_007_B1_E10_MR
4110	ZM_007_B1_E12	ZM_007_B1_E12_T7C	
4111	ZM_007_B1_E12		ZM_007_B1_E12_MR
4112	ZM_007_B1_F01	ZM_007_B1_F01_T7C	
4113	ZM_007_B1_F01		ZM_007_B1_F01_MR
4114	ZM_007_B1_F02	ZM_007_B1_F02_T7C	
4115	ZM_007_B1_F02		ZM_007_B1_F02_MR
4116	ZM_007_B1_F03	ZM_007_B1_F03_T7C	
4117	ZM_007_B1_F03		ZM_007_B1_F03_MR
4118	ZM_007_B1_F04	ZM_007_B1_F04_T7C	
4119	ZM_007_B1_F05	ZM_007_B1_F05_T7C	
4120	ZM_007_B1_F05		ZM_007_B1_F05_MR
4121	ZM_007_B1_F06	ZM_007_B1_F06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4122	ZM_007_B1_F06		ZM_007_B1_F06_MR
4123	ZM_007_B1_F07	ZM_007_B1_F07_T7C	
4124	ZM_007_B1_F07		ZM_007_B1_F07_MR
4125	ZM_007_B1_F08	ZM_007_B1_F08_T7C	
4126	ZM_007_B1_F08		ZM_007_B1_F08_MR
4127	ZM_007_B1_F09		ZM_007_B1_F09_MR
4128	ZM_007_B1_F10		ZM_007_B1_F10_MR
4129	ZM_007_B1_F11	ZM_007_B1_F11_T7C	
4130	ZM_007_B1_F11		ZM_007_B1_F11_MR
4131	ZM_007_B1_F12	ZM_007_B1_F12_T7C	
4132	ZM_007_B1_F12		ZM_007_B1_F12_MR
4133	ZM_007_B1_G01		ZM_007_B1_G01_MR
4134	ZM_007_B1_G02		ZM_007_B1_G02_MR
4135	ZM_007_B1_G03		ZM_007_B1_G03_MR
4136	ZM_007_B1_G04		ZM_007_B1_G04_MR
4137	ZM_007_B1_G06		ZM_007_B1_G06_MR
4138	ZM_007_B1_G07		ZM_007_B1_G07_MR
4139	ZM_007_B1_G09		ZM_007_B1_G09_MR
4140	ZM_007_B1_G10	ZM_007_B1_G10_T7C	
4141	ZM_007_B1_G10		ZM_007_B1_G10_MR
4142	ZM_007_B1_G11		ZM_007_B1_G11_MR
4143	ZM_007_B1_H01		ZM_007_B1_H01_MR
4144	ZM_007_B1_H02		ZM_007_B1_H02_MR
4145	ZM_007_B1_H04	ZM_007_B1_H04_T7C	
4146	ZM_007_B1_H04		ZM_007_B1_H04_MR
4147	ZM_007_B1_H05		ZM_007_B1_H05_MR
4148	ZM_007_B1_H06		ZM_007_B1_H06_MR
4149	ZM_007_B1_H07		ZM_007_B1_H07_MR
4150	ZM_007_B1_H08		ZM_007_B1_H08_MR
4151	ZM_007_B1_H11		ZM_007_B1_H11_MR
4152	ZM_007_B1_H12	ZM_007_B1_H12_T7C	
4153	ZM_007_B2_A01	ZM_007_B2_A01_T7C	
4154	ZM_007_B2_A02	ZM_007_B2_A02_T7C	
4155	ZM_007_B2_A02		ZM_007_B2_A02_MR
4156	ZM_007_B2_A03	ZM_007_B2_A03_T7C	
4157	ZM_007_B2_A04	ZM_007_B2_A04_T7C	
4158	ZM_007_B2_A04		ZM_007_B2_A04_MR
4159	ZM_007_B2_A05	ZM_007_B2_A05_T7C	
4160	ZM_007_B2_A06	ZM_007_B2_A06_T7C	
4161	ZM_007_B2_A06		ZM_007_B2_A06_MR
4162	ZM_007_B2_A07	ZM_007_B2_A07_T7C	
4163	ZM_007_B2_A08	ZM_007_B2_A08_T7C	
4164	ZM_007_B2_A09	ZM_007_B2_A09_T7C	
4165	ZM_007_B2_A09		ZM_007_B2_A09_MR
4166	ZM_007_B2_A10	ZM_007_B2_A10_T7C	
4167	ZM_007_B2_A10		ZM_007_B2_A10_MR
4168	ZM_007_B2_A12	ZM_007_B2_A12_T7C	
4169	ZM_007_B2_A12		ZM_007_B2_A12_MR
4170	ZM_007_B2_B01	ZM_007_B2_B01_T7C	
4171	ZM_007_B2_B01		ZM_007_B2_B01_MR
4172	ZM_007_B2_B02	ZM_007_B2_B02_T7C	
4173	ZM_007_B2_B03	ZM_007_B2_B03_T7C	
4174	ZM_007_B2_B04	ZM_007_B2_B04_T7C	
4175	ZM_007_B2_B05	ZM_007_B2_B05_T7C	
4176	ZM_007_B2_B06	ZM_007_B2_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4177	ZM_007_B2_B07	ZM_007_B2_B07_T7C	
4178	ZM_007_B2_B08	ZM_007_B2_B08_T7C	
4179	ZM_007_B2_B09	ZM_007_B2_B09_T7C	
4180	ZM_007_B2_B10	ZM_007_B2_B10_T7C	
4181	ZM_007_B2_B11	ZM_007_B2_B11_T7C	
4182	ZM_007_B2_B11		ZM_007_B2_B11_MR
4183	ZM_007_B2_B12	ZM_007_B2_B12_T7C	
4184	ZM_007_B2_C01	ZM_007_B2_C01_T7C	
4185	ZM_007_B2_C02	ZM_007_B2_C02_T7C	
4186	ZM_007_B2_C02		ZM_007_B2_C02_MR
4187	ZM_007_B2_C03	ZM_007_B2_C03_T7C	
4188	ZM_007_B2_C04	ZM_007_B2_C04_T7C	
4189	ZM_007_B2_C04		ZM_007_B2_C04_MR
4190	ZM_007_B2_C05	ZM_007_B2_C05_T7C	
4191	ZM_007_B2_C05		ZM_007_B2_C05_MR
4192	ZM_007_B2_C06	ZM_007_B2_C06_T7C	
4193	ZM_007_B2_C07	ZM_007_B2_C07_T7C	
4194	ZM_007_B2_C07		ZM_007_B2_C07_MR
4195	ZM_007_B2_C08	ZM_007_B2_C08_T7C	
4196	ZM_007_B2_C08		ZM_007_B2_C08_MR
4197	ZM_007_B2_C09	ZM_007_B2_C09_T7C	
4198	ZM_007_B2_C10	ZM_007_B2_C10_T7C	
4199	ZM_007_B2_C11	ZM_007_B2_C11_T7C	
4200	ZM_007_B2_C12	ZM_007_B2_C12_T7C	
4201	ZM_007_B2_C12		ZM_007_B2_C12_MR
4202	ZM_007_B2_D01	ZM_007_B2_D01_T7C	
4203	ZM_007_B2_D02	ZM_007_B2_D02_T7C	
4204	ZM_007_B2_D03	ZM_007_B2_D03_T7C	
4205	ZM_007_B2_D04	ZM_007_B2_D04_T7C	
4206	ZM_007_B2_D05	ZM_007_B2_D05_T7C	
4207	ZM_007_B2_D07	ZM_007_B2_D07_T7C	
4208	ZM_007_B2_D08	ZM_007_B2_D08_T7C	
4209	ZM_007_B2_D09	ZM_007_B2_D09_T7C	
4210	ZM_007_B2_D10	ZM_007_B2_D10_T7C	
4211	ZM_007_B2_D10		ZM_007_B2_D10_MR
4212	ZM_007_B2_D11	ZM_007_B2_D11_T7C	
4213	ZM_007_B2_D12	ZM_007_B2_D12_T7C	
4214	ZM_007_B2_E01	ZM_007_B2_E01_T7C	
4215	ZM_007_B2_E02	ZM_007_B2_E02_T7C	
4216	ZM_007_B2_E03	ZM_007_B2_E03_T7C	
4217	ZM_007_B2_E04	ZM_007_B2_E04_T7C	
4218	ZM_007_B2_E04		ZM_007_B2_E04_MR
4219	ZM_007_B2_E05	ZM_007_B2_E05_T7C	
4220	ZM_007_B2_E06	ZM_007_B2_E06_T7C	
4221	ZM_007_B2_E08	ZM_007_B2_E08_T7C	
4222	ZM_007_B2_E08		ZM_007_B2_E08_MR
4223	ZM_007_B2_E10	ZM_007_B2_E10_T7C	
4224	ZM_007_B2_E12	ZM_007_B2_E12_T7C	
4225	ZM_007_B2_F01	ZM_007_B2_F01_T7C	
4226	ZM_007_B2_F01		ZM_007_B2_F01_MR
4227	ZM_007_B2_F02	ZM_007_B2_F02_T7C	
4228	ZM_007_B2_F02		ZM_007_B2_F02_MR
4229	ZM_007_B2_F03	ZM_007_B2_F03_T7C	
4230	ZM_007_B2_F04	ZM_007_B2_F04_T7C	
4231	ZM_007_B2_F05	ZM_007_B2_F05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4232	ZM_007_B2_F07	ZM_007_B2_F07_T7C	
4233	ZM_007_B2_F08	ZM_007_B2_F08_T7C	
4234	ZM_007_B2_F09	ZM_007_B2_F09_T7C	
4235	ZM_007_B2_F09		ZM_007_B2_F09_MR
4236	ZM_007_B2_F10	ZM_007_B2_F10_T7C	
4237	ZM_007_B2_F11	ZM_007_B2_F11_T7C	
4238	ZM_007_B2_F12	ZM_007_B2_F12_T7C	
4239	ZM_007_B2_G01	ZM_007_B2_G01_T7C	
4240	ZM_007_B2_G02	ZM_007_B2_G02_T7C	
4241	ZM_007_B2_G02		ZM_007_B2_G02_MR
4242	ZM_007_B2_G03	ZM_007_B2_G03_T7C	
4243	ZM_007_B2_G04	ZM_007_B2_G04_T7C	
4244	ZM_007_B2_G05	ZM_007_B2_G05_T7C	
4245	ZM_007_B2_G05		ZM_007_B2_G05_MR
4246	ZM_007_B2_G06	ZM_007_B2_G06_T7C	
4247	ZM_007_B2_G08	ZM_007_B2_G08_T7C	
4248	ZM_007_B2_G08		ZM_007_B2_G08_MR
4249	ZM_007_B2_G09	ZM_007_B2_G09_T7C	
4250	ZM_007_B2_G09		ZM_007_B2_G09_MR
4251	ZM_007_B2_G10	ZM_007_B2_G10_T7C	
4252	ZM_007_B2_G11	ZM_007_B2_G11_T7C	
4253	ZM_007_B2_G12	ZM_007_B2_G12_T7C	
4254	ZM_007_B2_G12		ZM_007_B2_G12_MR
4255	ZM_007_B2_H01	ZM_007_B2_H01_T7C	
4256	ZM_007_B2_H01		ZM_007_B2_H01_MR
4257	ZM_007_B2_H02	ZM_007_B2_H02_T7C	
4258	ZM_007_B2_H03	ZM_007_B2_H03_T7C	
4259	ZM_007_B2_H03		ZM_007_B2_H03_MR
4260	ZM_007_B2_H04	ZM_007_B2_H04_T7C	
4261	ZM_007_B2_H05	ZM_007_B2_H05_T7C	
4262	ZM_007_B2_H07	ZM_007_B2_H07_T7C	
4263	ZM_007_B2_H07		ZM_007_B2_H07_MR
4264	ZM_007_B2_H08	ZM_007_B2_H08_T7C	
4265	ZM_007_B2_H09	ZM_007_B2_H09_T7C	
4266	ZM_007_B2_H10	ZM_007_B2_H10_T7C	
4267	ZM_007_B2_H11	ZM_007_B2_H11_T7C	
4268	ZM_007_B2_H11		ZM_007_B2_H11_MR
4269	ZM_007_B2_H12	ZM_007_B2_H12_T7C	
4270	ZM_008_A1_A02	ZM_008_A1_A02_T7	
4271	ZM_008_A1_A02		ZM_008_A1_A02_MR
4272	ZM_008_A1_A03	ZM_008_A1_A03_T7	
4273	ZM_008_A1_A03		ZM_008_A1_A03_MR
4274	ZM_008_A1_A04	ZM_008_A1_A04_T7	
4275	ZM_008_A1_A04		ZM_008_A1_A04_MR
4276	ZM_008_A1_A06	ZM_008_A1_A06_T7	
4277	ZM_008_A1_A08	ZM_008_A1_A08_T7	
4278	ZM_008_A1_A08		ZM_008_A1_A08_MR
4279	ZM_008_A1_A09		ZM_008_A1_A09_MR
4280	ZM_008_A1_A10	ZM_008_A1_A10_T7	
4281	ZM_008_A1_A11	ZM_008_A1_A11_T7	
4282	ZM_008_A1_A12	ZM_008_A1_A12_T7	
4283	ZM_008_A1_A12		ZM_008_A1_A12_MR
4284	ZM_008_A1_B01	ZM_008_A1_B01_T7	
4285	ZM_008_A1_B01		ZM_008_A1_B01_MR
4286	ZM_008_A1_B02	ZM_008_A1_B02_T7	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4287	ZM_008_A1_B02		ZM_008_A1_B02_MR
4288	ZM_008_A1_B03	ZM_008_A1_B03_T7	
4289	ZM_008_A1_B03		ZM_008_A1_B03_MR
4290	ZM_008_A1_B04	ZM_008_A1_B04_T7	
4291	ZM_008_A1_B05	ZM_008_A1_B05_T7	
4292	ZM_008_A1_B05		ZM_008_A1_B05_MR
4293	ZM_008_A1_B06	ZM_008_A1_B06_T7	
4294	ZM_008_A1_B06		ZM_008_A1_B06_MR
4295	ZM_008_A1_B07	ZM_008_A1_B07_T7	
4296	ZM_008_A1_B07		ZM_008_A1_B07_MR
4297	ZM_008_A1_B08		ZM_008_A1_B08_MR
4298	ZM_008_A1_B09		ZM_008_A1_B09_MR
4299	ZM_008_A1_B10	ZM_008_A1_B10_T7	
4300	ZM_008_A1_B10		ZM_008_A1_B10_MR
4301	ZM_008_A1_B11	ZM_008_A1_B11_T7	
4302	ZM_008_A1_B12	ZM_008_A1_B12_T7	
4303	ZM_008_A1_B12		ZM_008_A1_B12_MR
4304	ZM_008_A1_C01	ZM_008_A1_C01_T7	
4305	ZM_008_A1_C01		ZM_008_A1_C01_MR
4306	ZM_008_A1_C02	ZM_008_A1_C02_T7	
4307	ZM_008_A1_C02		ZM_008_A1_C02_MR
4308	ZM_008_A1_C03	ZM_008_A1_C03_T7	
4309	ZM_008_A1_C03		ZM_008_A1_C03_MR
4310	ZM_008_A1_C04	ZM_008_A1_C04_T7	
4311	ZM_008_A1_C04		ZM_008_A1_C04_MR
4312	ZM_008_A1_C05	ZM_008_A1_C05_T7	
4313	ZM_008_A1_C05		ZM_008_A1_C05_MR
4314	ZM_008_A1_C06	ZM_008_A1_C06_T7	
4315	ZM_008_A1_C07	ZM_008_A1_C07_T7	
4316	ZM_008_A1_C07		ZM_008_A1_C07_MR
4317	ZM_008_A1_C08	ZM_008_A1_C08_T7	
4318	ZM_008_A1_C08		ZM_008_A1_C08_MR
4319	ZM_008_A1_C09	ZM_008_A1_C09_T7	
4320	ZM_008_A1_C09		ZM_008_A1_C09_MR
4321	ZM_008_A1_C10	ZM_008_A1_C10_T7	
4322	ZM_008_A1_C10		ZM_008_A1_C10_MR
4323	ZM_008_A1_C11	ZM_008_A1_C11_T7	
4324	ZM_008_A1_C11		ZM_008_A1_C11_MR
4325	ZM_008_A1_C12	ZM_008_A1_C12_T7	
4326	ZM_008_A1_C12		ZM_008_A1_C12_MR
4327	ZM_008_A1_D01	ZM_008_A1_D01_T7	
4328	ZM_008_A1_D01		ZM_008_A1_D01_MR
4329	ZM_008_A1_D02	ZM_008_A1_D02_T7	
4330	ZM_008_A1_D02		ZM_008_A1_D02_MR
4331	ZM_008_A1_D03	ZM_008_A1_D03_T7	
4332	ZM_008_A1_D03		ZM_008_A1_D03_MR
4333	ZM_008_A1_D04	ZM_008_A1_D04_T7	
4334	ZM_008_A1_D04		ZM_008_A1_D04_MR
4335	ZM_008_A1_D05	ZM_008_A1_D05_T7	
4336	ZM_008_A1_D05		ZM_008_A1_D05_MR
4337	ZM_008_A1_D06		ZM_008_A1_D06_MR
4338	ZM_008_A1_D07	ZM_008_A1_D07_T7	
4339	ZM_008_A1_D07		ZM_008_A1_D07_MR
4340	ZM_008_A1_D08	ZM_008_A1_D08_T7	
4341	ZM_008_A1_D08		ZM_008_A1_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4342	ZM_008_A1_D09	ZM_008_A1_D09_T7	
4343	ZM_008_A1_D09		ZM_008_A1_D09_MR
4344	ZM_008_A1_D10	ZM_008_A1_D10_T7	
4345	ZM_008_A1_D10		ZM_008_A1_D10_MR
4346	ZM_008_A1_D11	ZM_008_A1_D11_T7	
4347	ZM_008_A1_D11		ZM_008_A1_D11_MR
4348	ZM_008_A1_D12	ZM_008_A1_D12_T7	
4349	ZM_008_A1_D12		ZM_008_A1_D12_MR
4350	ZM_008_A1_E01	ZM_008_A1_E01_T7	
4351	ZM_008_A1_E01		ZM_008_A1_E01_MR
4352	ZM_008_A1_E02	ZM_008_A1_E02_T7	
4353	ZM_008_A1_E02		ZM_008_A1_E02_MR
4354	ZM_008_A1_E04	ZM_008_A1_E04_T7	
4355	ZM_008_A1_E04		ZM_008_A1_E04_MR
4356	ZM_008_A1_E05	ZM_008_A1_E05_T7	
4357	ZM_008_A1_E05		ZM_008_A1_E05_MR
4358	ZM_008_A1_E06	ZM_008_A1_E06_T7	
4359	ZM_008_A1_E06		ZM_008_A1_E06_MR
4360	ZM_008_A1_E07	ZM_008_A1_E07_T7	
4361	ZM_008_A1_E10	ZM_008_A1_E10_T7	
4362	ZM_008_A1_E11	ZM_008_A1_E11_T7	
4363	ZM_008_A1_E11		ZM_008_A1_E11_MR
4364	ZM_008_A1_E12	ZM_008_A1_E12_T7	
4365	ZM_008_A1_E12		ZM_008_A1_E12_MR
4366	ZM_008_A1_F01	ZM_008_A1_F01_T7	
4367	ZM_008_A1_F01		ZM_008_A1_F01_MR
4368	ZM_008_A1_F02	ZM_008_A1_F02_T7	
4369	ZM_008_A1_F02		ZM_008_A1_F02_MR
4370	ZM_008_A1_F03	ZM_008_A1_F03_T7	
4371	ZM_008_A1_F03		ZM_008_A1_F03_MR
4372	ZM_008_A1_F04		ZM_008_A1_F04_MR
4373	ZM_008_A1_F05	ZM_008_A1_F05_T7	
4374	ZM_008_A1_F05		ZM_008_A1_F05_MR
4375	ZM_008_A1_F06	ZM_008_A1_F06_T7	
4376	ZM_008_A1_F07	ZM_008_A1_F07_T7	
4377	ZM_008_A1_F07		ZM_008_A1_F07_MR
4378	ZM_008_A1_F08	ZM_008_A1_F08_T7	
4379	ZM_008_A1_F08		ZM_008_A1_F08_MR
4380	ZM_008_A1_F09	ZM_008_A1_F09_T7	
4381	ZM_008_A1_F10	ZM_008_A1_F10_T7	
4382	ZM_008_A1_F10		ZM_008_A1_F10_MR
4383	ZM_008_A1_F11		ZM_008_A1_F11_MR
4384	ZM_008_A1_F12	ZM_008_A1_F12_T7	
4385	ZM_008_A1_F12		ZM_008_A1_F12_MR
4386	ZM_008_A1_G01	ZM_008_A1_G01_T7	
4387	ZM_008_A1_G01		ZM_008_A1_G01_MR
4388	ZM_008_A1_G02		ZM_008_A1_G02_MR
4389	ZM_008_A1_G03	ZM_008_A1_G03_T7	
4390	ZM_008_A1_G04	ZM_008_A1_G04_T7	
4391	ZM_008_A1_G04		ZM_008_A1_G04_MR
4392	ZM_008_A1_G05	ZM_008_A1_G05_T7	
4393	ZM_008_A1_G05		ZM_008_A1_G05_MR
4394	ZM_008_A1_G06	ZM_008_A1_G06_T7	
4395	ZM_008_A1_G06		ZM_008_A1_G06_MR
4396	ZM_008_A1_G07	ZM_008_A1_G07_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4397	ZM_008_A1_G07		ZM_008_A1_G07_MR
4398	ZM_008_A1_G10	ZM_008_A1_G10_T7	
4399	ZM_008_A1_G10		ZM_008_A1_G10_MR
4400	ZM_008_A1_G11	ZM_008_A1_G11_T7	
4401	ZM_008_A1_G11		ZM_008_A1_G11_MR
4402	ZM_008_A1_G12	ZM_008_A1_G12_T7	
4403	ZM_008_A1_G12		ZM_008_A1_G12_MR
4404	ZM_008_A1_H01	ZM_008_A1_H01_T7	
4405	ZM_008_A1_H01		ZM_008_A1_H01_MR
4406	ZM_008_A1_H02	ZM_008_A1_H02_T7	
4407	ZM_008_A1_H03	ZM_008_A1_H03_T7	
4408	ZM_008_A1_H04	ZM_008_A1_H04_T7	
4409	ZM_008_A1_H04		ZM_008_A1_H04_MR
4410	ZM_008_A1_H05	ZM_008_A1_H05_T7	
4411	ZM_008_A1_H06	ZM_008_A1_H06_T7	
4412	ZM_008_A1_H07	ZM_008_A1_H07_T7	
4413	ZM_008_A1_H07		ZM_008_A1_H07_MR
4414	ZM_008_A1_H08	ZM_008_A1_H08_T7	
4415	ZM_008_A1_H10	ZM_008_A1_H10_T7	
4416	ZM_008_A1_H11	ZM_008_A1_H11_T7	
4417	ZM_008_A1_H11		ZM_008_A1_H11_MR
4418	ZM_008_A1_H12		ZM_008_A1_H12_MR
4419	ZM_008_A2_A02	ZM_008_A2_A02_T7	
4420	ZM_008_A2_A02		ZM_008_A2_A02_MR
4421	ZM_008_A2_A03	ZM_008_A2_A03_T7	
4422	ZM_008_A2_A03		ZM_008_A2_A03_MR
4423	ZM_008_A2_A04	ZM_008_A2_A04_T7	
4424	ZM_008_A2_A04		ZM_008_A2_A04_MR
4425	ZM_008_A2_A05	ZM_008_A2_A05_T7	
4426	ZM_008_A2_A05		ZM_008_A2_A05_MR
4427	ZM_008_A2_A06	ZM_008_A2_A06_T7	
4428	ZM_008_A2_A06		ZM_008_A2_A06_MR
4429	ZM_008_A2_A07	ZM_008_A2_A07_T7	
4430	ZM_008_A2_A07		ZM_008_A2_A07_MR
4431	ZM_008_A2_A08	ZM_008_A2_A08_T7	
4432	ZM_008_A2_A08		ZM_008_A2_A08_MR
4433	ZM_008_A2_A09	ZM_008_A2_A09_T7	
4434	ZM_008_A2_A09		ZM_008_A2_A09_MR
4435	ZM_008_A2_A10		ZM_008_A2_A10_MR
4436	ZM_008_A2_A11	ZM_008_A2_A11_T7	
4437	ZM_008_A2_A11		ZM_008_A2_A11_MR
4438	ZM_008_A2_A12		ZM_008_A2_A12_MR
4439	ZM_008_A2_B01	ZM_008_A2_B01_T7	
4440	ZM_008_A2_B01		ZM_008_A2_B01_MR
4441	ZM_008_A2_B02	ZM_008_A2_B02_T7	
4442	ZM_008_A2_B02		ZM_008_A2_B02_MR
4443	ZM_008_A2_B03	ZM_008_A2_B03_T7	
4444	ZM_008_A2_B04	ZM_008_A2_B04_T7	
4445	ZM_008_A2_B04		ZM_008_A2_B04_MR
4446	ZM_008_A2_B05	ZM_008_A2_B05_T7	
4447	ZM_008_A2_B05		ZM_008_A2_B05_MR
4448	ZM_008_A2_B06	ZM_008_A2_B06_T7	
4449	ZM_008_A2_B06		ZM_008_A2_B06_MR
4450	ZM_008_A2_B07	ZM_008_A2_B07_T7	
4451	ZM_008_A2_B07		ZM_008_A2_B07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4452	ZM_008_A2_B08	ZM_008_A2_B08_T7	
4453	ZM_008_A2_B10	ZM_008_A2_B10_T7	
4454	ZM_008_A2_B10		ZM_008_A2_B10_MR
4455	ZM_008_A2_B11	ZM_008_A2_B11_T7	
4456	ZM_008_A2_B11		ZM_008_A2_B11_MR
4457	ZM_008_A2_B12	ZM_008_A2_B12_T7	
4458	ZM_008_A2_B12		ZM_008_A2_B12_MR
4459	ZM_008_A2_C01	ZM_008_A2_C01_T7	
4460	ZM_008_A2_C01		ZM_008_A2_C01_MR
4461	ZM_008_A2_C02	ZM_008_A2_C02_T7	
4462	ZM_008_A2_C02		ZM_008_A2_C02_MR
4463	ZM_008_A2_C03	ZM_008_A2_C03_T7	
4464	ZM_008_A2_C04	ZM_008_A2_C04_T7	
4465	ZM_008_A2_C04		ZM_008_A2_C04_MR
4466	ZM_008_A2_C05		ZM_008_A2_C05_MR
4467	ZM_008_A2_C06		ZM_008_A2_C06_MR
4468	ZM_008_A2_C07	ZM_008_A2_C07_T7	
4469	ZM_008_A2_C07		ZM_008_A2_C07_MR
4470	ZM_008_A2_C09		ZM_008_A2_C09_MR
4471	ZM_008_A2_C10		ZM_008_A2_C10_MR
4472	ZM_008_A2_C11	ZM_008_A2_C11_T7	
4473	ZM_008_A2_C12	ZM_008_A2_C12_T7	
4474	ZM_008_A2_C12		ZM_008_A2_C12_MR
4475	ZM_008_A2_D01		ZM_008_A2_D01_MR
4476	ZM_008_A2_D02	ZM_008_A2_D02_T7	
4477	ZM_008_A2_D02		ZM_008_A2_D02_MR
4478	ZM_008_A2_D03	ZM_008_A2_D03_T7	
4479	ZM_008_A2_D04	ZM_008_A2_D04_T7	
4480	ZM_008_A2_D04		ZM_008_A2_D04_MR
4481	ZM_008_A2_D06	ZM_008_A2_D06_T7	
4482	ZM_008_A2_D06		ZM_008_A2_D06_MR
4483	ZM_008_A2_D07	ZM_008_A2_D07_T7	
4484	ZM_008_A2_D07		ZM_008_A2_D07_MR
4485	ZM_008_A2_D08	ZM_008_A2_D08_T7	
4486	ZM_008_A2_D09	ZM_008_A2_D09_T7	
4487	ZM_008_A2_D10	ZM_008_A2_D10_T7	
4488	ZM_008_A2_D10		ZM_008_A2_D10_MR
4489	ZM_008_A2_D11	ZM_008_A2_D11_T7	
4490	ZM_008_A2_D11		ZM_008_A2_D11_MR
4491	ZM_008_A2_D12	ZM_008_A2_D12_T7	
4492	ZM_008_A2_D12		ZM_008_A2_D12_MR
4493	ZM_008_A2_E01	ZM_008_A2_E01_T7	
4494	ZM_008_A2_E01		ZM_008_A2_E01_MR
4495	ZM_008_A2_E02	ZM_008_A2_E02_T7	
4496	ZM_008_A2_E02		ZM_008_A2_E02_MR
4497	ZM_008_A2_E03	ZM_008_A2_E03_T7	
4498	ZM_008_A2_E03		ZM_008_A2_E03_MR
4499	ZM_008_A2_E04	ZM_008_A2_E04_T7	
4500	ZM_008_A2_E04		ZM_008_A2_E04_MR
4501	ZM_008_A2_E05		ZM_008_A2_E05_MR
4502	ZM_008_A2_E06	ZM_008_A2_E06_T7	
4503	ZM_008_A2_E06		ZM_008_A2_E06_MR
4504	ZM_008_A2_E07		ZM_008_A2_E07_MR
4505	ZM_008_A2_E08	ZM_008_A2_E08_T7	
4506	ZM_008_A2_E08		ZM_008_A2_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4507	ZM_008_A2_E09	ZM_008_A2_E09_T7	
4508	ZM_008_A2_E09		ZM_008_A2_E09_MR
4509	ZM_008_A2_E10	ZM_008_A2_E10_T7	
4510	ZM_008_A2_E10		ZM_008_A2_E10_MR
4511	ZM_008_A2_E11	ZM_008_A2_E11_T7	
4512	ZM_008_A2_E11		ZM_008_A2_E11_MR
4513	ZM_008_A2_E12	ZM_008_A2_E12_T7	
4514	ZM_008_A2_E12		ZM_008_A2_E12_MR
4515	ZM_008_A2_F01	ZM_008_A2_F01_T7	
4516	ZM_008_A2_F01		ZM_008_A2_F01_MR
4517	ZM_008_A2_F02	ZM_008_A2_F02_T7	
4518	ZM_008_A2_F03		ZM_008_A2_F03_MR
4519	ZM_008_A2_F04	ZM_008_A2_F04_T7	
4520	ZM_008_A2_F05	ZM_008_A2_F05_T7	
4521	ZM_008_A2_F05		ZM_008_A2_F05_MR
4522	ZM_008_A2_F06	ZM_008_A2_F06_T7	
4523	ZM_008_A2_F06		ZM_008_A2_F06_MR
4524	ZM_008_A2_F07	ZM_008_A2_F07_T7	
4525	ZM_008_A2_F07		ZM_008_A2_F07_MR
4526	ZM_008_A2_F08	ZM_008_A2_F08_T7	
4527	ZM_008_A2_F08		ZM_008_A2_F08_MR
4528	ZM_008_A2_F10		ZM_008_A2_F10_MR
4529	ZM_008_A2_F11	ZM_008_A2_F11_T7	
4530	ZM_008_A2_F11		ZM_008_A2_F11_MR
4531	ZM_008_A2_F12	ZM_008_A2_F12_T7	
4532	ZM_008_A2_F12		ZM_008_A2_F12_MR
4533	ZM_008_A2_G01	ZM_008_A2_G01_T7	
4534	ZM_008_A2_G01		ZM_008_A2_G01_MR
4535	ZM_008_A2_G02	ZM_008_A2_G02_T7	
4536	ZM_008_A2_G02		ZM_008_A2_G02_MR
4537	ZM_008_A2_G04	ZM_008_A2_G04_T7	
4538	ZM_008_A2_G05	ZM_008_A2_G05_T7	
4539	ZM_008_A2_G07	ZM_008_A2_G07_T7	
4540	ZM_008_A2_G08		ZM_008_A2_G08_MR
4541	ZM_008_A2_G10	ZM_008_A2_G10_T7	
4542	ZM_008_A2_G11	ZM_008_A2_G11_T7	
4543	ZM_008_A2_G12	ZM_008_A2_G12_T7	
4544	ZM_008_A2_G12		ZM_008_A2_G12_MR
4545	ZM_008_A2_H02	ZM_008_A2_H02_T7	
4546	ZM_008_A2_H03	ZM_008_A2_H03_T7	
4547	ZM_008_A2_H03		ZM_008_A2_H03_MR
4548	ZM_008_A2_H04	ZM_008_A2_H04_T7	
4549	ZM_008_A2_H05	ZM_008_A2_H05_T7	
4550	ZM_008_A2_H06	ZM_008_A2_H06_T7	
4551	ZM_008_A2_H07	ZM_008_A2_H07_T7	
4552	ZM_008_A2_H07		ZM_008_A2_H07_MR
4553	ZM_008_A2_H08	ZM_008_A2_H08_T7	
4554	ZM_008_A2_H08		ZM_008_A2_H08_MR
4555	ZM_008_A2_H10	ZM_008_A2_H10_T7	
4556	ZM_008_A2_H11	ZM_008_A2_H11_T7	
4557	ZM_008_A2_H12	ZM_008_A2_H12_T7	
4558	ZM_008_B1_A03		ZM_008_B1_A03_MR
4559	ZM_008_B1_A04		ZM_008_B1_A04_MR
4560	ZM_008_B1_A05		ZM_008_B1_A05_MR
4561	ZM_008_B1_A06		ZM_008_B1_A06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4562	ZM_008_B1_A08		ZM_008_B1_A08_MR
4563	ZM_008_B1_A09		ZM_008_B1_A09_MR
4564	ZM_008_B1_A10		ZM_008_B1_A10_MR
4565	ZM_008_B1_A11		ZM_008_B1_A11_MR
4566	ZM_008_B1_A12		ZM_008_B1_A12_MR
4567	ZM_008_B1_B01		ZM_008_B1_B01_MR
4568	ZM_008_B1_B03		ZM_008_B1_B03_MR
4569	ZM_008_B1_B04		ZM_008_B1_B04_MR
4570	ZM_008_B1_B05		ZM_008_B1_B05_MR
4571	ZM_008_B1_B06		ZM_008_B1_B06_MR
4572	ZM_008_B1_B07		ZM_008_B1_B07_MR
4573	ZM_008_B1_B08		ZM_008_B1_B08_MR
4574	ZM_008_B1_B09		ZM_008_B1_B09_MR
4575	ZM_008_B1_B10		ZM_008_B1_B10_MR
4576	ZM_008_B1_B11		ZM_008_B1_B11_MR
4577	ZM_008_B1_B12		ZM_008_B1_B12_MR
4578	ZM_008_B1_C01		ZM_008_B1_C01_MR
4579	ZM_008_B1_C02		ZM_008_B1_C02_MR
4580	ZM_008_B1_C03		ZM_008_B1_C03_MR
4581	ZM_008_B1_C04		ZM_008_B1_C04_MR
4582	ZM_008_B1_C05		ZM_008_B1_C05_MR
4583	ZM_008_B1_C06		ZM_008_B1_C06_MR
4584	ZM_008_B1_C07		ZM_008_B1_C07_MR
4585	ZM_008_B1_C08		ZM_008_B1_C08_MR
4586	ZM_008_B1_C09		ZM_008_B1_C09_MR
4587	ZM_008_B1_C10		ZM_008_B1_C10_MR
4588	ZM_008_B1_C11		ZM_008_B1_C11_MR
4589	ZM_008_B1_D11		ZM_008_B1_D11_MR
4590	ZM_008_B1_E01		ZM_008_B1_E01_MR
4591	ZM_008_B1_E02		ZM_008_B1_E02_MR
4592	ZM_008_B1_E03		ZM_008_B1_E03_MR
4593	ZM_008_B1_E04		ZM_008_B1_E04_MR
4594	ZM_008_B1_E05		ZM_008_B1_E05_MR
4595	ZM_008_B1_E06		ZM_008_B1_E06_MR
4596	ZM_008_B1_E07		ZM_008_B1_E07_MR
4597	ZM_008_B1_E08		ZM_008_B1_E08_MR
4598	ZM_008_B1_E09		ZM_008_B1_E09_MR
4599	ZM_008_B1_E10		ZM_008_B1_E10_MR
4600	ZM_008_B1_E11		ZM_008_B1_E11_MR
4601	ZM_008_B1_E12		ZM_008_B1_E12_MR
4602	ZM_008_B1_F01		ZM_008_B1_F01_MR
4603	ZM_008_B1_F02		ZM_008_B1_F02_MR
4604	ZM_008_B1_F03		ZM_008_B1_F03_MR
4605	ZM_008_B1_F04		ZM_008_B1_F04_MR
4606	ZM_008_B1_F05		ZM_008_B1_F05_MR
4607	ZM_008_B1_F06		ZM_008_B1_F06_MR
4608	ZM_008_B1_F07		ZM_008_B1_F07_MR
4609	ZM_008_B1_F08		ZM_008_B1_F08_MR
4610	ZM_008_B1_F09		ZM_008_B1_F09_MR
4611	ZM_008_B1_F10		ZM_008_B1_F10_MR
4612	ZM_008_B1_F11		ZM_008_B1_F11_MR
4613	ZM_008_B1_F12		ZM_008_B1_F12_MR
4614	ZM_008_B1_G01		ZM_008_B1_G01_MR
4615	ZM_008_B1_G03		ZM_008_B1_G03_MR
4616	ZM_008_B1_G04		ZM_008_B1_G04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4617	ZM_008_B1_G05		ZM_008_B1_G05_MR
4618	ZM_008_B1_G06		ZM_008_B1_G06_MR
4619	ZM_008_B1_G07		ZM_008_B1_G07_MR
4620	ZM_008_B1_G08		ZM_008_B1_G08_MR
4621	ZM_008_B1_G09		ZM_008_B1_G09_MR
4622	ZM_008_B1_G10		ZM_008_B1_G10_MR
4623	ZM_008_B1_G11		ZM_008_B1_G11_MR
4624	ZM_008_B1_G12		ZM_008_B1_G12_MR
4625	ZM_008_B2_A09	ZM_008_B2_A09_T7C	
4626	ZM_008_B2_A10		ZM_008_B2_A10_MR
4627	ZM_008_B2_A12		ZM_008_B2_A12_MR
4628	ZM_008_B2_B05		ZM_008_B2_B05_MR
4629	ZM_008_B2_B06	ZM_008_B2_B06_T7C	
4630	ZM_008_B2_B07	ZM_008_B2_B07_T7C	
4631	ZM_008_B2_B09	ZM_008_B2_B09_T7C	
4632	ZM_008_B2_B10		ZM_008_B2_B10_MR
4633	ZM_008_B2_B11	ZM_008_B2_B11_T7C	
4634	ZM_008_B2_B11		ZM_008_B2_B11_MR
4635	ZM_008_B2_B12	ZM_008_B2_B12_T7C	
4636	ZM_008_B2_C04	ZM_008_B2_C04_T7C	
4637	ZM_008_B2_C05	ZM_008_B2_C05_T7C	
4638	ZM_008_B2_C05		ZM_008_B2_C05_MR
4639	ZM_008_B2_C07	ZM_008_B2_C07_T7C	
4640	ZM_008_B2_C08		ZM_008_B2_C08_MR
4641	ZM_008_B2_C10	ZM_008_B2_C10_T7C	
4642	ZM_008_B2_C10		ZM_008_B2_C10_MR
4643	ZM_008_B2_D03	ZM_008_B2_D03_T7C	
4644	ZM_008_B2_D04	ZM_008_B2_D04_T7C	
4645	ZM_008_B2_D04		ZM_008_B2_D04_MR
4646	ZM_008_B2_D07		ZM_008_B2_D07_MR
4647	ZM_008_B2_D09		ZM_008_B2_D09_MR
4648	ZM_008_B2_D10		ZM_008_B2_D10_MR
4649	ZM_008_B2_D11		ZM_008_B2_D11_MR
4650	ZM_008_B2_D12		ZM_008_B2_D12_MR
4651	ZM_008_B2_E08		ZM_008_B2_E08_MR
4652	ZM_008_B2_E10		ZM_008_B2_E10_MR
4653	ZM_008_B2_E11		ZM_008_B2_E11_MR
4654	ZM_008_B2_E12		ZM_008_B2_E12_MR
4655	ZM_008_B2_F07		ZM_008_B2_F07_MR
4656	ZM_008_B2_F08		ZM_008_B2_F08_MR
4657	ZM_008_B2_F10		ZM_008_B2_F10_MR
4658	ZM_008_B2_F11		ZM_008_B2_F11_MR
4659	ZM_008_B2_G04		ZM_008_B2_G04_MR
4660	ZM_008_B2_G05		ZM_008_B2_G05_MR
4661	ZM_008_B2_G08	ZM_008_B2_G08_T7C	
4662	ZM_008_B2_G08		ZM_008_B2_G08_MR
4663	ZM_008_B2_G10		ZM_008_B2_G10_MR
4664	ZM_008_B2_G11	ZM_008_B2_G11_T7C	
4665	ZM_008_B2_G12		ZM_008_B2_G12_MR
4666	ZM_008_B2_H04		ZM_008_B2_H04_MR
4667	ZM_008_B2_H05	ZM_008_B2_H05_T7C	
4668	ZM_008_B2_H06	ZM_008_B2_H06_T7C	
4669	ZM_008_B2_H07		ZM_008_B2_H07_MR
4670	ZM_008_B2_H09	ZM_008_B2_H09_T7C	
4671	ZM_008_B2_H09		ZM_008_B2_H09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4672	ZM_008_B2_H10	ZM_008_B2_H10_T7C	
4673	ZM_008_B2_H10		ZM_008_B2_H10_MR
4674	ZM_008_B2_H11	ZM_008_B2_H11_T7C	
4675	ZM_008_B2_H11		ZM_008_B2_H11_MR
4676	ZM_008_B2_H12	ZM_008_B2_H12_T7C	
4677	ZM_008_B2_H12		ZM_008_B2_H12_MR
4678	ZM_009_A1_A01	ZM_009_A1_A01_T7C	
4679	ZM_009_A1_A01		ZM_009_A1_A01_MR
4680	ZM_009_A1_A02		ZM_009_A1_A02_MR
4681	ZM_009_A1_A05		ZM_009_A1_A05_MR
4682	ZM_009_A1_A07		ZM_009_A1_A07_MR
4683	ZM_009_A1_B01	ZM_009_A1_B01_T7C	
4684	ZM_009_A1_B01		ZM_009_A1_B01_MR
4685	ZM_009_A1_B02		ZM_009_A1_B02_MR
4686	ZM_009_A1_B04		ZM_009_A1_B04_MR
4687	ZM_009_A1_B05		ZM_009_A1_B05_MR
4688	ZM_009_A1_B06	ZM_009_A1_B06_T7C	
4689	ZM_009_A1_B08	ZM_009_A1_B08_T7C	
4690	ZM_009_A1_B08		ZM_009_A1_B08_MR
4691	ZM_009_A1_B09		ZM_009_A1_B09_MR
4692	ZM_009_A1_B10	ZM_009_A1_B10_T7C	
4693	ZM_009_A1_B11		ZM_009_A1_B11_MR
4694	ZM_009_A1_C01	ZM_009_A1_C01_T7C	
4695	ZM_009_A1_C01		ZM_009_A1_C01_MR
4696	ZM_009_A1_C02		ZM_009_A1_C02_MR
4697	ZM_009_A1_C04		ZM_009_A1_C04_MR
4698	ZM_009_A1_C05		ZM_009_A1_C05_MR
4699	ZM_009_A1_C07	ZM_009_A1_C07_T7C	
4700	ZM_009_A1_C07		ZM_009_A1_C07_MR
4701	ZM_009_A1_C08	ZM_009_A1_C08_T7C	
4702	ZM_009_A1_C09		ZM_009_A1_C09_MR
4703	ZM_009_A1_C10	ZM_009_A1_C10_T7C	
4704	ZM_009_A1_C11		ZM_009_A1_C11_MR
4705	ZM_009_A1_D01	ZM_009_A1_D01_T7C	
4706	ZM_009_A1_D01		ZM_009_A1_D01_MR
4707	ZM_009_A1_D02		ZM_009_A1_D02_MR
4708	ZM_009_A1_D03	ZM_009_A1_D03_T7C	
4709	ZM_009_A1_D03		ZM_009_A1_D03_MR
4710	ZM_009_A1_D04		ZM_009_A1_D04_MR
4711	ZM_009_A1_D06	ZM_009_A1_D06_T7C	
4712	ZM_009_A1_D07	ZM_009_A1_D07_T7C	
4713	ZM_009_A1_D07		ZM_009_A1_D07_MR
4714	ZM_009_A1_D08		ZM_009_A1_D08_MR
4715	ZM_009_A1_D09	ZM_009_A1_D09_T7C	
4716	ZM_009_A1_D10	ZM_009_A1_D10_T7C	
4717	ZM_009_A1_D10		ZM_009_A1_D10_MR
4718	ZM_009_A1_E02		ZM_009_A1_E02_MR
4719	ZM_009_A1_E04		ZM_009_A1_E04_MR
4720	ZM_009_A1_E06		ZM_009_A1_E06_MR
4721	ZM_009_A1_E07		ZM_009_A1_E07_MR
4722	ZM_009_A1_E08	ZM_009_A1_E08_T7C	
4723	ZM_009_A1_E09	ZM_009_A1_E09_T7C	
4724	ZM_009_A1_E09		ZM_009_A1_E09_MR
4725	ZM_009_A1_E12		ZM_009_A1_E12_MR
4726	ZM_009_A1_F01	ZM_009_A1_F01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4727	ZM_009_A1_F01		ZM_009_A1_F01_MR
4728	ZM_009_A1_F02		ZM_009_A1_F02_MR
4729	ZM_009_A1_F03		ZM_009_A1_F03_MR
4730	ZM_009_A1_F04		ZM_009_A1_F04_MR
4731	ZM_009_A1_F05		ZM_009_A1_F05_MR
4732	ZM_009_A1_F06		ZM_009_A1_F06_MR
4733	ZM_009_A1_F07		ZM_009_A1_F07_MR
4734	ZM_009_A1_F08	ZM_009_A1_F08_T7C	
4735	ZM_009_A1_F09		ZM_009_A1_F09_MR
4736	ZM_009_A1_F10	ZM_009_A1_F10_T7C	
4737	ZM_009_A1_F11		ZM_009_A1_F11_MR
4738	ZM_009_A1_F12	ZM_009_A1_F12_T7C	
4739	ZM_009_A1_F12		ZM_009_A1_F12_MR
4740	ZM_009_A1_G01		ZM_009_A1_G01_MR
4741	ZM_009_A1_G02		ZM_009_A1_G02_MR
4742	ZM_009_A1_G03		ZM_009_A1_G03_MR
4743	ZM_009_A1_G04		ZM_009_A1_G04_MR
4744	ZM_009_A1_G05		ZM_009_A1_G05_MR
4745	ZM_009_A1_G08	ZM_009_A1_G08_T7C	
4746	ZM_009_A1_G08		ZM_009_A1_G08_MR
4747	ZM_009_A1_G09		ZM_009_A1_G09_MR
4748	ZM_009_A1_G10		ZM_009_A1_G10_MR
4749	ZM_009_A1_G11		ZM_009_A1_G11_MR
4750	ZM_009_A1_H01	ZM_009_A1_H01_T7C	
4751	ZM_009_A1_H01		ZM_009_A1_H01_MR
4752	ZM_009_A1_H02		ZM_009_A1_H02_MR
4753	ZM_009_A1_H03		ZM_009_A1_H03_MR
4754	ZM_009_A1_H04		ZM_009_A1_H04_MR
4755	ZM_009_A1_H05		ZM_009_A1_H05_MR
4756	ZM_009_A1_H06	ZM_009_A1_H06_T7C	
4757	ZM_009_A1_H06		ZM_009_A1_H06_MR
4758	ZM_009_A1_H07		ZM_009_A1_H07_MR
4759	ZM_009_A1_H08		ZM_009_A1_H08_MR
4760	ZM_009_A1_H09		ZM_009_A1_H09_MR
4761	ZM_009_A1_H11	ZM_009_A1_H11_T7C	
4762	ZM_009_A1_H11		ZM_009_A1_H11_MR
4763	ZM_009_A1_H12	ZM_009_A1_H12_T7C	
4764	ZM_009_A2_A01	ZM_009_A2_A01_T7	
4765	ZM_009_A2_A02	ZM_009_A2_A02_T7	
4766	ZM_009_A2_A02		ZM_009_A2_A02_MR
4767	ZM_009_A2_A03	ZM_009_A2_A03_T7	
4768	ZM_009_A2_A03		ZM_009_A2_A03_MR
4769	ZM_009_A2_A04		ZM_009_A2_A04_MR
4770	ZM_009_A2_A05	ZM_009_A2_A05_T7	
4771	ZM_009_A2_A05		ZM_009_A2_A05_MR
4772	ZM_009_A2_A06	ZM_009_A2_A06_T7	
4773	ZM_009_A2_A06		ZM_009_A2_A06_MR
4774	ZM_009_A2_A07		ZM_009_A2_A07_MR
4775	ZM_009_A2_A08	ZM_009_A2_A08_T7	
4776	ZM_009_A2_A08		ZM_009_A2_A08_MR
4777	ZM_009_A2_A09		ZM_009_A2_A09_MR
4778	ZM_009_A2_A10	ZM_009_A2_A10_T7	
4779	ZM_009_A2_A11	ZM_009_A2_A11_T7	
4780	ZM_009_A2_A11		ZM_009_A2_A11_MR
4781	ZM_009_A2_A12	ZM_009_A2_A12_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4782	ZM_009_A2_A12		ZM_009_A2_A12_MR
4783	ZM_009_A2_B01	ZM_009_A2_B01_T7	
4784	ZM_009_A2_B01		ZM_009_A2_B01_MR
4785	ZM_009_A2_B02	ZM_009_A2_B02_T7	
4786	ZM_009_A2_B03	ZM_009_A2_B03_T7	
4787	ZM_009_A2_B03		ZM_009_A2_B03_MR
4788	ZM_009_A2_B04	ZM_009_A2_B04_T7	
4789	ZM_009_A2_B05		ZM_009_A2_B05_MR
4790	ZM_009_A2_B06	ZM_009_A2_B06_T7	
4791	ZM_009_A2_B06		ZM_009_A2_B06_MR
4792	ZM_009_A2_B07	ZM_009_A2_B07_T7	
4793	ZM_009_A2_B07		ZM_009_A2_B07_MR
4794	ZM_009_A2_B08	ZM_009_A2_B08_T7	
4795	ZM_009_A2_B08		ZM_009_A2_B08_MR
4796	ZM_009_A2_B09	ZM_009_A2_B09_T7	
4797	ZM_009_A2_B09		ZM_009_A2_B09_MR
4798	ZM_009_A2_B10	ZM_009_A2_B10_T7	
4799	ZM_009_A2_B10		ZM_009_A2_B10_MR
4800	ZM_009_A2_B11	ZM_009_A2_B11_T7	
4801	ZM_009_A2_B11		ZM_009_A2_B11_MR
4802	ZM_009_A2_B12	ZM_009_A2_B12_T7	
4803	ZM_009_A2_B12		ZM_009_A2_B12_MR
4804	ZM_009_A2_C01	ZM_009_A2_C01_T7	
4805	ZM_009_A2_C01		ZM_009_A2_C01_MR
4806	ZM_009_A2_C02	ZM_009_A2_C02_T7	
4807	ZM_009_A2_C02		ZM_009_A2_C02_MR
4808	ZM_009_A2_C04		ZM_009_A2_C04_MR
4809	ZM_009_A2_C05	ZM_009_A2_C05_T7	
4810	ZM_009_A2_C05		ZM_009_A2_C05_MR
4811	ZM_009_A2_C07	ZM_009_A2_C07_T7	
4812	ZM_009_A2_C07		ZM_009_A2_C07_MR
4813	ZM_009_A2_C08		ZM_009_A2_C08_MR
4814	ZM_009_A2_C09	ZM_009_A2_C09_T7	
4815	ZM_009_A2_C09		ZM_009_A2_C09_MR
4816	ZM_009_A2_C10	ZM_009_A2_C10_T7	
4817	ZM_009_A2_C10		ZM_009_A2_C10_MR
4818	ZM_009_A2_C12	ZM_009_A2_C12_T7	
4819	ZM_009_A2_C12		ZM_009_A2_C12_MR
4820	ZM_009_A2_D01	ZM_009_A2_D01_T7	
4821	ZM_009_A2_D01		ZM_009_A2_D01_MR
4822	ZM_009_A2_D02		ZM_009_A2_D02_MR
4823	ZM_009_A2_D03	ZM_009_A2_D03_T7	
4824	ZM_009_A2_D03		ZM_009_A2_D03_MR
4825	ZM_009_A2_D04	ZM_009_A2_D04_T7	
4826	ZM_009_A2_D04		ZM_009_A2_D04_MR
4827	ZM_009_A2_D05	ZM_009_A2_D05_T7	
4828	ZM_009_A2_D05		ZM_009_A2_D05_MR
4829	ZM_009_A2_D06	ZM_009_A2_D06_T7	
4830	ZM_009_A2_D06		ZM_009_A2_D06_MR
4831	ZM_009_A2_D07	ZM_009_A2_D07_T7	
4832	ZM_009_A2_D07		ZM_009_A2_D07_MR
4833	ZM_009_A2_D08	ZM_009_A2_D08_T7	
4834	ZM_009_A2_D08		ZM_009_A2_D08_MR
4835	ZM_009_A2_D09	ZM_009_A2_D09_T7	
4836	ZM_009_A2_D09		ZM_009_A2_D09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4837	ZM_009_A2_D10	ZM_009_A2_D10_T7	
4838	ZM_009_A2_D10		ZM_009_A2_D10_MR
4839	ZM_009_A2_D11	ZM_009_A2_D11_T7	
4840	ZM_009_A2_D11		ZM_009_A2_D11_MR
4841	ZM_009_A2_D12	ZM_009_A2_D12_T7	
4842	ZM_009_A2_D12		ZM_009_A2_D12_MR
4843	ZM_009_A2_E01	ZM_009_A2_E01_T7	
4844	ZM_009_A2_E01		ZM_009_A2_E01_MR
4845	ZM_009_A2_E02		ZM_009_A2_E02_MR
4846	ZM_009_A2_E03	ZM_009_A2_E03_T7	
4847	ZM_009_A2_E03		ZM_009_A2_E03_MR
4848	ZM_009_A2_E04	ZM_009_A2_E04_T7	
4849	ZM_009_A2_E04		ZM_009_A2_E04_MR
4850	ZM_009_A2_E06		ZM_009_A2_E06_MR
4851	ZM_009_A2_E07		ZM_009_A2_E07_MR
4852	ZM_009_A2_E08	ZM_009_A2_E08_T7	
4853	ZM_009_A2_E08		ZM_009_A2_E08_MR
4854	ZM_009_A2_E09	ZM_009_A2_E09_T7	
4855	ZM_009_A2_E09		ZM_009_A2_E09_MR
4856	ZM_009_A2_E10	ZM_009_A2_E10_T7	
4857	ZM_009_A2_E10		ZM_009_A2_E10_MR
4858	ZM_009_A2_E11	ZM_009_A2_E11_T7	
4859	ZM_009_A2_E11		ZM_009_A2_E11_MR
4860	ZM_009_A2_E12	ZM_009_A2_E12_T7	
4861	ZM_009_A2_E12		ZM_009_A2_E12_MR
4862	ZM_009_A2_F01	ZM_009_A2_F01_T7	
4863	ZM_009_A2_F01		ZM_009_A2_F01_MR
4864	ZM_009_A2_F02	ZM_009_A2_F02_T7	
4865	ZM_009_A2_F02		ZM_009_A2_F02_MR
4866	ZM_009_A2_F03	ZM_009_A2_F03_T7	
4867	ZM_009_A2_F03		ZM_009_A2_F03_MR
4868	ZM_009_A2_F04	ZM_009_A2_F04_T7	
4869	ZM_009_A2_F04		ZM_009_A2_F04_MR
4870	ZM_009_A2_F06	ZM_009_A2_F06_T7	
4871	ZM_009_A2_F06		ZM_009_A2_F06_MR
4872	ZM_009_A2_F07	ZM_009_A2_F07_T7	
4873	ZM_009_A2_F07		ZM_009_A2_F07_MR
4874	ZM_009_A2_F08	ZM_009_A2_F08_T7	
4875	ZM_009_A2_F08		ZM_009_A2_F08_MR
4876	ZM_009_A2_F10	ZM_009_A2_F10_T7	
4877	ZM_009_A2_F10		ZM_009_A2_F10_MR
4878	ZM_009_A2_F11	ZM_009_A2_F11_T7	
4879	ZM_009_A2_F11		ZM_009_A2_F11_MR
4880	ZM_009_A2_F12	ZM_009_A2_F12_T7	
4881	ZM_009_A2_F12		ZM_009_A2_F12_MR
4882	ZM_009_A2_G01	ZM_009_A2_G01_T7	
4883	ZM_009_A2_G01		ZM_009_A2_G01_MR
4884	ZM_009_A2_G02	ZM_009_A2_G02_T7	
4885	ZM_009_A2_G02		ZM_009_A2_G02_MR
4886	ZM_009_A2_G03		ZM_009_A2_G03_MR
4887	ZM_009_A2_G04	ZM_009_A2_G04_T7	
4888	ZM_009_A2_G04		ZM_009_A2_G04_MR
4889	ZM_009_A2_G05	ZM_009_A2_G05_T7	
4890	ZM_009_A2_G05		ZM_009_A2_G05_MR
4891	ZM_009_A2_G06	ZM_009_A2_G06_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4892	ZM_009_A2_G06		ZM_009_A2_G06_MR
4893	ZM_009_A2_G07	ZM_009_A2_G07_T7	
4894	ZM_009_A2_G07		ZM_009_A2_G07_MR
4895	ZM_009_A2_G08	ZM_009_A2_G08_T7	
4896	ZM_009_A2_G08		ZM_009_A2_G08_MR
4897	ZM_009_A2_G09	ZM_009_A2_G09_T7	
4898	ZM_009_A2_G09		ZM_009_A2_G09_MR
4899	ZM_009_A2_G10	ZM_009_A2_G10_T7	
4900	ZM_009_A2_G11	ZM_009_A2_G11_T7	
4901	ZM_009_A2_G11		ZM_009_A2_G11_MR
4902	ZM_009_A2_G12	ZM_009_A2_G12_T7	
4903	ZM_009_A2_G12		ZM_009_A2_G12_MR
4904	ZM_009_A2_H01	ZM_009_A2_H01_T7	
4905	ZM_009_A2_H01		ZM_009_A2_H01_MR
4906	ZM_009_A2_H02	ZM_009_A2_H02_T7	
4907	ZM_009_A2_H02		ZM_009_A2_H02_MR
4908	ZM_009_A2_H03	ZM_009_A2_H03_T7	
4909	ZM_009_A2_H03		ZM_009_A2_H03_MR
4910	ZM_009_A2_H04	ZM_009_A2_H04_T7	
4911	ZM_009_A2_H04		ZM_009_A2_H04_MR
4912	ZM_009_A2_H05	ZM_009_A2_H05_T7	
4913	ZM_009_A2_H05		ZM_009_A2_H05_MR
4914	ZM_009_A2_H06		ZM_009_A2_H06_MR
4915	ZM_009_A2_H07	ZM_009_A2_H07_T7	
4916	ZM_009_A2_H07		ZM_009_A2_H07_MR
4917	ZM_009_A2_H08	ZM_009_A2_H08_T7	
4918	ZM_009_A2_H08		ZM_009_A2_H08_MR
4919	ZM_009_A2_H09	ZM_009_A2_H09_T7	
4920	ZM_009_A2_H09		ZM_009_A2_H09_MR
4921	ZM_009_A2_H10	ZM_009_A2_H10_T7	
4922	ZM_009_A2_H10		ZM_009_A2_H10_MR
4923	ZM_009_A2_H11	ZM_009_A2_H11_T7	
4924	ZM_009_A2_H11		ZM_009_A2_H11_MR
4925	ZM_009_A2_H12	ZM_009_A2_H12_T7	
4926	ZM_009_B1_A01	ZM_009_B1_A01_T7C	
4927	ZM_009_B1_A01		ZM_009_B1_A01_MR
4928	ZM_009_B1_A02	ZM_009_B1_A02_T7C	
4929	ZM_009_B1_A02		ZM_009_B1_A02_MR
4930	ZM_009_B1_A03	ZM_009_B1_A03_T7C	
4931	ZM_009_B1_A03		ZM_009_B1_A03_MR
4932	ZM_009_B1_A04	ZM_009_B1_A04_T7C	
4933	ZM_009_B1_A05	ZM_009_B1_A05_T7C	
4934	ZM_009_B1_A06	ZM_009_B1_A06_T7C	
4935	ZM_009_B1_A06		ZM_009_B1_A06_MR
4936	ZM_009_B1_A07	ZM_009_B1_A07_T7C	
4937	ZM_009_B1_A07		ZM_009_B1_A07_MR
4938	ZM_009_B1_A08	ZM_009_B1_A08_T7C	
4939	ZM_009_B1_A08		ZM_009_B1_A08_MR
4940	ZM_009_B1_A09	ZM_009_B1_A09_T7C	
4941	ZM_009_B1_A09		ZM_009_B1_A09_MR
4942	ZM_009_B1_A10	ZM_009_B1_A10_T7C	
4943	ZM_009_B1_A10		ZM_009_B1_A10_MR
4944	ZM_009_B1_A11	ZM_009_B1_A11_T7C	
4945	ZM_009_B1_A11		ZM_009_B1_A11_MR
4946	ZM_009_B1_A12	ZM_009_B1_A12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
4947	ZM_009_B1_A12		ZM_009_B1_A12_MR
4948	ZM_009_B1_B01	ZM_009_B1_B01_T7C	
4949	ZM_009_B1_B01		ZM_009_B1_B01_MR
4950	ZM_009_B1_B02	ZM_009_B1_B02_T7C	
4951	ZM_009_B1_B02		ZM_009_B1_B02_MR
4952	ZM_009_B1_B03	ZM_009_B1_B03_T7C	
4953	ZM_009_B1_B03		ZM_009_B1_B03_MR
4954	ZM_009_B1_B04	ZM_009_B1_B04_T7C	
4955	ZM_009_B1_B04		ZM_009_B1_B04_MR
4956	ZM_009_B1_B05	ZM_009_B1_B05_T7C	
4957	ZM_009_B1_B05		ZM_009_B1_B05_MR
4958	ZM_009_B1_B06	ZM_009_B1_B06_T7C	
4959	ZM_009_B1_B07	ZM_009_B1_B07_T7C	
4960	ZM_009_B1_B07		ZM_009_B1_B07_MR
4961	ZM_009_B1_B08	ZM_009_B1_B08_T7C	
4962	ZM_009_B1_B08		ZM_009_B1_B08_MR
4963	ZM_009_B1_B09	ZM_009_B1_B09_T7C	
4964	ZM_009_B1_B09		ZM_009_B1_B09_MR
4965	ZM_009_B1_B10	ZM_009_B1_B10_T7C	
4966	ZM_009_B1_B10		ZM_009_B1_B10_MR
4967	ZM_009_B1_B11	ZM_009_B1_B11_T7C	
4968	ZM_009_B1_B11		ZM_009_B1_B11_MR
4969	ZM_009_B1_B12	ZM_009_B1_B12_T7C	
4970	ZM_009_B1_B12		ZM_009_B1_B12_MR
4971	ZM_009_B1_C01	ZM_009_B1_C01_T7C	
4972	ZM_009_B1_C02	ZM_009_B1_C02_T7C	
4973	ZM_009_B1_C03	ZM_009_B1_C03_T7C	
4974	ZM_009_B1_C04	ZM_009_B1_C04_T7C	
4975	ZM_009_B1_C06	ZM_009_B1_C06_T7C	
4976	ZM_009_B1_C06		ZM_009_B1_C06_MR
4977	ZM_009_B1_C07	ZM_009_B1_C07_T7C	
4978	ZM_009_B1_C07		ZM_009_B1_C07_MR
4979	ZM_009_B1_C08	ZM_009_B1_C08_T7C	
4980	ZM_009_B1_C08		ZM_009_B1_C08_MR
4981	ZM_009_B1_C09	ZM_009_B1_C09_T7C	
4982	ZM_009_B1_C09		ZM_009_B1_C09_MR
4983	ZM_009_B1_C10	ZM_009_B1_C10_T7C	
4984	ZM_009_B1_C11	ZM_009_B1_C11_T7C	
4985	ZM_009_B1_C11		ZM_009_B1_C11_MR
4986	ZM_009_B1_C12	ZM_009_B1_C12_T7C	
4987	ZM_009_B1_C12		ZM_009_B1_C12_MR
4988	ZM_009_B1_D01	ZM_009_B1_D01_T7C	
4989	ZM_009_B1_D02	ZM_009_B1_D02_T7C	
4990	ZM_009_B1_D03	ZM_009_B1_D03_T7C	
4991	ZM_009_B1_D06	ZM_009_B1_D06_T7C	
4992	ZM_009_B1_D06		ZM_009_B1_D06_MR
4993	ZM_009_B1_D07	ZM_009_B1_D07_T7C	
4994	ZM_009_B1_D07		ZM_009_B1_D07_MR
4995	ZM_009_B1_D08	ZM_009_B1_D08_T7C	
4996	ZM_009_B1_D08		ZM_009_B1_D08_MR
4997	ZM_009_B1_D09	ZM_009_B1_D09_T7C	
4998	ZM_009_B1_D09		ZM_009_B1_D09_MR
4999	ZM_009_B1_D10	ZM_009_B1_D10_T7C	
5000	ZM_009_B1_D10		ZM_009_B1_D10_MR
5001	ZM_009_B1_D11	ZM_009_B1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5002	ZM_009_B1_D11		ZM_009_B1_D11_MR
5003	ZM_009_B1_D12	ZM_009_B1_D12_T7C	
5004	ZM_009_B1_D12		ZM_009_B1_D12_MR
5005	ZM_009_B1_E01	ZM_009_B1_E01_T7C	
5006	ZM_009_B1_E02	ZM_009_B1_E02_T7C	
5007	ZM_009_B1_E02		ZM_009_B1_E02_MR
5008	ZM_009_B1_E03	ZM_009_B1_E03_T7C	
5009	ZM_009_B1_E03		ZM_009_B1_E03_MR
5010	ZM_009_B1_E04	ZM_009_B1_E04_T7C	
5011	ZM_009_B1_E04		ZM_009_B1_E04_MR
5012	ZM_009_B1_E06	ZM_009_B1_E06_T7C	
5013	ZM_009_B1_E06		ZM_009_B1_E06_MR
5014	ZM_009_B1_E08	ZM_009_B1_E08_T7C	
5015	ZM_009_B1_E08		ZM_009_B1_E08_MR
5016	ZM_009_B1_E09	ZM_009_B1_E09_T7C	
5017	ZM_009_B1_E09		ZM_009_B1_E09_MR
5018	ZM_009_B1_E10	ZM_009_B1_E10_T7C	
5019	ZM_009_B1_E10		ZM_009_B1_E10_MR
5020	ZM_009_B1_E11	ZM_009_B1_E11_T7C	
5021	ZM_009_B1_E11		ZM_009_B1_E11_MR
5022	ZM_009_B1_E12	ZM_009_B1_E12_T7C	
5023	ZM_009_B1_E12		ZM_009_B1_E12_MR
5024	ZM_009_B1_F01	ZM_009_B1_F01_T7C	
5025	ZM_009_B1_F01		ZM_009_B1_F01_MR
5026	ZM_009_B1_F02	ZM_009_B1_F02_T7C	
5027	ZM_009_B1_F03	ZM_009_B1_F03_T7C	
5028	ZM_009_B1_F04	ZM_009_B1_F04_T7C	
5029	ZM_009_B1_F06		ZM_009_B1_F06_MR
5030	ZM_009_B1_F07	ZM_009_B1_F07_T7C	
5031	ZM_009_B1_F08		ZM_009_B1_F08_MR
5032	ZM_009_B1_F09	ZM_009_B1_F09_T7C	
5033	ZM_009_B1_F09		ZM_009_B1_F09_MR
5034	ZM_009_B1_F10	ZM_009_B1_F10_T7C	
5035	ZM_009_B1_F10		ZM_009_B1_F10_MR
5036	ZM_009_B1_F11	ZM_009_B1_F11_T7C	
5037	ZM_009_B1_F12	ZM_009_B1_F12_T7C	
5038	ZM_009_B1_G01	ZM_009_B1_G01_T7C	
5039	ZM_009_B1_G02	ZM_009_B1_G02_T7C	
5040	ZM_009_B1_G03	ZM_009_B1_G03_T7C	
5041	ZM_009_B1_G04	ZM_009_B1_G04_T7C	
5042	ZM_009_B1_G05	ZM_009_B1_G05_T7C	
5043	ZM_009_B1_G05		ZM_009_B1_G05_MR
5044	ZM_009_B1_G06	ZM_009_B1_G06_T7C	
5045	ZM_009_B1_G06		ZM_009_B1_G06_MR
5046	ZM_009_B1_G07	ZM_009_B1_G07_T7C	
5047	ZM_009_B1_G07		ZM_009_B1_G07_MR
5048	ZM_009_B1_G08	ZM_009_B1_G08_T7C	
5049	ZM_009_B1_G08		ZM_009_B1_G08_MR
5050	ZM_009_B1_G09	ZM_009_B1_G09_T7C	
5051	ZM_009_B1_G09		ZM_009_B1_G09_MR
5052	ZM_009_B1_G10	ZM_009_B1_G10_T7C	
5053	ZM_009_B1_G10		ZM_009_B1_G10_MR
5054	ZM_009_B1_G11	ZM_009_B1_G11_T7C	
5055	ZM_009_B1_G11		ZM_009_B1_G11_MR
5056	ZM_009_B1_G12	ZM_009_B1_G12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5057	ZM_009_B1_G12		ZM_009_B1_G12_MR
5058	ZM_009_B1_H01	ZM_009_B1_H01_T7C	
5059	ZM_009_B1_H01		ZM_009_B1_H01_MR
5060	ZM_009_B1_H02	ZM_009_B1_H02_T7C	
5061	ZM_009_B1_H02		ZM_009_B1_H02_MR
5062	ZM_009_B1_H03	ZM_009_B1_H03_T7C	
5063	ZM_009_B1_H03		ZM_009_B1_H03_MR
5064	ZM_009_B1_H04	ZM_009_B1_H04_T7C	
5065	ZM_009_B1_H05		ZM_009_B1_H05_MR
5066	ZM_009_B1_H06	ZM_009_B1_H06_T7C	
5067	ZM_009_B1_H07	ZM_009_B1_H07_T7C	
5068	ZM_009_B1_H07		ZM_009_B1_H07_MR
5069	ZM_009_B1_H08	ZM_009_B1_H08_T7C	
5070	ZM_009_B1_H08		ZM_009_B1_H08_MR
5071	ZM_009_B1_H09	ZM_009_B1_H09_T7C	
5072	ZM_009_B1_H09		ZM_009_B1_H09_MR
5073	ZM_009_B1_H10	ZM_009_B1_H10_T7C	
5074	ZM_009_B1_H10		ZM_009_B1_H10_MR
5075	ZM_009_B1_H11	ZM_009_B1_H11_T7C	
5076	ZM_009_B1_H11		ZM_009_B1_H11_MR
5077	ZM_009_B1_H12	ZM_009_B1_H12_T7C	
5078	ZM_009_B1_H12		ZM_009_B1_H12_MR
5079	ZM_009_B2_A01	ZM_009_B2_A01_T7C	
5080	ZM_009_B2_A02	ZM_009_B2_A02_T7C	
5081	ZM_009_B2_A03	ZM_009_B2_A03_T7C	
5082	ZM_009_B2_A04	ZM_009_B2_A04_T7C	
5083	ZM_009_B2_A07	ZM_009_B2_A07_T7C	
5084	ZM_009_B2_A08	ZM_009_B2_A08_T7C	
5085	ZM_009_B2_A09	ZM_009_B2_A09_T7C	
5086	ZM_009_B2_A10	ZM_009_B2_A10_T7C	
5087	ZM_009_B2_A10		ZM_009_B2_A10_MR
5088	ZM_009_B2_A11	ZM_009_B2_A11_T7C	
5089	ZM_009_B2_A11		ZM_009_B2_A11_MR
5090	ZM_009_B2_A12	ZM_009_B2_A12_T7C	
5091	ZM_009_B2_B01	ZM_009_B2_B01_T7C	
5092	ZM_009_B2_B02	ZM_009_B2_B02_T7C	
5093	ZM_009_B2_B02		ZM_009_B2_B02_MR
5094	ZM_009_B2_B03	ZM_009_B2_B03_T7C	
5095	ZM_009_B2_B03		ZM_009_B2_B03_MR
5096	ZM_009_B2_B04	ZM_009_B2_B04_T7C	
5097	ZM_009_B2_B06	ZM_009_B2_B06_T7C	
5098	ZM_009_B2_B07	ZM_009_B2_B07_T7C	
5099	ZM_009_B2_B08	ZM_009_B2_B08_T7C	
5100	ZM_009_B2_B08		ZM_009_B2_B08_MR
5101	ZM_009_B2_B09	ZM_009_B2_B09_T7C	
5102	ZM_009_B2_B10	ZM_009_B2_B10_T7C	
5103	ZM_009_B2_B11	ZM_009_B2_B11_T7C	
5104	ZM_009_B2_B12	ZM_009_B2_B12_T7C	
5105	ZM_009_B2_C01	ZM_009_B2_C01_T7C	
5106	ZM_009_B2_C02	ZM_009_B2_C02_T7C	
5107	ZM_009_B2_C03	ZM_009_B2_C03_T7C	
5108	ZM_009_B2_C04	ZM_009_B2_C04_T7C	
5109	ZM_009_B2_C05	ZM_009_B2_C05_T7C	
5110	ZM_009_B2_C06	ZM_009_B2_C06_T7C	
5111	ZM_009_B2_C07	ZM_009_B2_C07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5112	ZM_009_B2_C07		ZM_009_B2_C07_MR
5113	ZM_009_B2_C08	ZM_009_B2_C08_T7C	
5114	ZM_009_B2_C09	ZM_009_B2_C09_T7C	
5115	ZM_009_B2_C10	ZM_009_B2_C10_T7C	
5116	ZM_009_B2_C11	ZM_009_B2_C11_T7C	
5117	ZM_009_B2_C11		ZM_009_B2_C11_MR
5118	ZM_009_B2_C12	ZM_009_B2_C12_T7C	
5119	ZM_009_B2_C12		ZM_009_B2_C12_MR
5120	ZM_009_B2_D01	ZM_009_B2_D01_T7C	
5121	ZM_009_B2_D02	ZM_009_B2_D02_T7C	
5122	ZM_009_B2_D03	ZM_009_B2_D03_T7C	
5123	ZM_009_B2_D04	ZM_009_B2_D04_T7C	
5124	ZM_009_B2_D05	ZM_009_B2_D05_T7C	
5125	ZM_009_B2_D05		ZM_009_B2_D05_MR
5126	ZM_009_B2_D06	ZM_009_B2_D06_T7C	
5127	ZM_009_B2_D07	ZM_009_B2_D07_T7C	
5128	ZM_009_B2_D08	ZM_009_B2_D08_T7C	
5129	ZM_009_B2_D10	ZM_009_B2_D10_T7C	
5130	ZM_009_B2_D11	ZM_009_B2_D11_T7C	
5131	ZM_009_B2_D11		ZM_009_B2_D11_MR
5132	ZM_009_B2_D12	ZM_009_B2_D12_T7C	
5133	ZM_009_B2_E01	ZM_009_B2_E01_T7C	
5134	ZM_009_B2_E01		ZM_009_B2_E01_MR
5135	ZM_009_B2_E03	ZM_009_B2_E03_T7C	
5136	ZM_009_B2_E04	ZM_009_B2_E04_T7C	
5137	ZM_009_B2_E06	ZM_009_B2_E06_T7C	
5138	ZM_009_B2_E07	ZM_009_B2_E07_T7C	
5139	ZM_009_B2_E08	ZM_009_B2_E08_T7C	
5140	ZM_009_B2_E10	ZM_009_B2_E10_T7C	
5141	ZM_009_B2_E10		ZM_009_B2_E10_MR
5142	ZM_009_B2_E11	ZM_009_B2_E11_T7C	
5143	ZM_009_B2_E12	ZM_009_B2_E12_T7C	
5144	ZM_009_B2_F01	ZM_009_B2_F01_T7C	
5145	ZM_009_B2_F01		ZM_009_B2_F01_MR
5146	ZM_009_B2_F02		ZM_009_B2_F02_MR
5147	ZM_009_B2_F03	ZM_009_B2_F03_T7C	
5148	ZM_009_B2_F03		ZM_009_B2_F03_MR
5149	ZM_009_B2_F04	ZM_009_B2_F04_T7C	
5150	ZM_009_B2_F05	ZM_009_B2_F05_T7C	
5151	ZM_009_B2_F06	ZM_009_B2_F06_T7C	
5152	ZM_009_B2_F07	ZM_009_B2_F07_T7C	
5153	ZM_009_B2_F08	ZM_009_B2_F08_T7C	
5154	ZM_009_B2_F08		ZM_009_B2_F08_MR
5155	ZM_009_B2_F10	ZM_009_B2_F10_T7C	
5156	ZM_009_B2_F11	ZM_009_B2_F11_T7C	
5157	ZM_009_B2_F11		ZM_009_B2_F11_MR
5158	ZM_009_B2_F12	ZM_009_B2_F12_T7C	
5159	ZM_009_B2_G01	ZM_009_B2_G01_T7C	
5160	ZM_009_B2_G03	ZM_009_B2_G03_T7C	
5161	ZM_009_B2_G04	ZM_009_B2_G04_T7C	
5162	ZM_009_B2_G05	ZM_009_B2_G05_T7C	
5163	ZM_009_B2_G06	ZM_009_B2_G06_T7C	
5164	ZM_009_B2_G07	ZM_009_B2_G07_T7C	
5165	ZM_009_B2_G08	ZM_009_B2_G08_T7C	
5166	ZM_009_B2_G09	ZM_009_B2_G09_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5167	ZM_009_B2_G10	ZM_009_B2_G10_T7C	
5168	ZM_009_B2_G10		ZM_009_B2_G10_MR
5169	ZM_009_B2_G12	ZM_009_B2_G12_T7C	
5170	ZM_009_B2_H01	ZM_009_B2_H01_T7C	
5171	ZM_009_B2_H01		ZM_009_B2_H01_MR
5172	ZM_009_B2_H02	ZM_009_B2_H02_T7C	
5173	ZM_009_B2_H03	ZM_009_B2_H03_T7C	
5174	ZM_009_B2_H04	ZM_009_B2_H04_T7C	
5175	ZM_009_B2_H05	ZM_009_B2_H05_T7C	
5176	ZM_009_B2_H05		ZM_009_B2_H05_MR
5177	ZM_009_B2_H06	ZM_009_B2_H06_T7C	
5178	ZM_009_B2_H07	ZM_009_B2_H07_T7C	
5179	ZM_009_B2_H07		ZM_009_B2_H07_MR
5180	ZM_009_B2_H08	ZM_009_B2_H08_T7C	
5181	ZM_009_B2_H10	ZM_009_B2_H10_T7C	
5182	ZM_009_B2_H11	ZM_009_B2_H11_T7C	
5183	ZM_009_B2_H12	ZM_009_B2_H12_T7C	
5184	ZM_009_B2_H12		ZM_009_B2_H12_MR
5185	ZM_0100_A1_A01	ZM_0100_A1_A01_T7C	
5186	ZM_0100_A1_A02	ZM_0100_A1_A02_T7C	
5187	ZM_0100_A1_A03	ZM_0100_A1_A03_T7C	
5188	ZM_0100_A1_A04	ZM_0100_A1_A04_T7C	
5189	ZM_0100_A1_A05	ZM_0100_A1_A05_T7C	
5190	ZM_0100_A1_A06	ZM_0100_A1_A06_T7C	
5191	ZM_0100_A1_A07	ZM_0100_A1_A07_T7C	
5192	ZM_0100_A1_A08	ZM_0100_A1_A08_T7C	
5193	ZM_0100_A1_A09	ZM_0100_A1_A09_T7C	
5194	ZM_0100_A1_A10	ZM_0100_A1_A10_T7C	
5195	ZM_0100_A1_A11	ZM_0100_A1_A11_T7C	
5196	ZM_0100_A1_A12	ZM_0100_A1_A12_T7C	
5197	ZM_0100_A1_B01	ZM_0100_A1_B01_T7C	
5198	ZM_0100_A1_B02	ZM_0100_A1_B02_T7C	
5199	ZM_0100_A1_B03	ZM_0100_A1_B03_T7C	
5200	ZM_0100_A1_B04	ZM_0100_A1_B04_T7C	
5201	ZM_0100_A1_B05	ZM_0100_A1_B05_T7C	
5202	ZM_0100_A1_B06	ZM_0100_A1_B06_T7C	
5203	ZM_0100_A1_B07	ZM_0100_A1_B07_T7C	
5204	ZM_0100_A1_B08	ZM_0100_A1_B08_T7C	
5205	ZM_0100_A1_B10	ZM_0100_A1_B10_T7C	
5206	ZM_0100_A1_B11	ZM_0100_A1_B11_T7C	
5207	ZM_0100_A1_B12	ZM_0100_A1_B12_T7C	
5208	ZM_0100_A1_C01	ZM_0100_A1_C01_T7C	
5209	ZM_0100_A1_C02	ZM_0100_A1_C02_T7C	
5210	ZM_0100_A1_C03	ZM_0100_A1_C03_T7C	
5211	ZM_0100_A1_C04	ZM_0100_A1_C04_T7C	
5212	ZM_0100_A1_C05	ZM_0100_A1_C05_T7C	
5213	ZM_0100_A1_C06	ZM_0100_A1_C06_T7C	
5214	ZM_0100_A1_C07	ZM_0100_A1_C07_T7C	
5215	ZM_0100_A1_C08	ZM_0100_A1_C08_T7C	
5216	ZM_0100_A1_C09	ZM_0100_A1_C09_T7C	
5217	ZM_0100_A1_C10	ZM_0100_A1_C10_T7C	
5218	ZM_0100_A1_C11	ZM_0100_A1_C11_T7C	
5219	ZM_0100_A1_C12	ZM_0100_A1_C12_T7C	
5220	ZM_0100_A1_D01	ZM_0100_A1_D01_T7C	
5221	ZM_0100_A1_D02	ZM_0100_A1_D02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5222	ZM_0100_A1_D03	ZM_0100_A1_D03_T7C	
5223	ZM_0100_A1_D04	ZM_0100_A1_D04_T7C	
5224	ZM_0100_A1_D05	ZM_0100_A1_D05_T7C	
5225	ZM_0100_A1_D06	ZM_0100_A1_D06_T7C	
5226	ZM_0100_A1_D07	ZM_0100_A1_D07_T7C	
5227	ZM_0100_A1_D08	ZM_0100_A1_D08_T7C	
5228	ZM_0100_A1_D09	ZM_0100_A1_D09_T7C	
5229	ZM_0100_A1_D10	ZM_0100_A1_D10_T7C	
5230	ZM_0100_A1_D11	ZM_0100_A1_D11_T7C	
5231	ZM_0100_A1_D12	ZM_0100_A1_D12_T7C	
5232	ZM_0100_A1_E01	ZM_0100_A1_E01_T7C	
5233	ZM_0100_A1_E02	ZM_0100_A1_E02_T7C	
5234	ZM_0100_A1_E03	ZM_0100_A1_E03_T7C	
5235	ZM_0100_A1_E04	ZM_0100_A1_E04_T7C	
5236	ZM_0100_A1_E05	ZM_0100_A1_E05_T7C	
5237	ZM_0100_A1_E06	ZM_0100_A1_E06_T7C	
5238	ZM_0100_A1_E07	ZM_0100_A1_E07_T7C	
5239	ZM_0100_A1_E08	ZM_0100_A1_E08_T7C	
5240	ZM_0100_A1_E09	ZM_0100_A1_E09_T7C	
5241	ZM_0100_A1_E10	ZM_0100_A1_E10_T7C	
5242	ZM_0100_A1_E11	ZM_0100_A1_E11_T7C	
5243	ZM_0100_A1_E12	ZM_0100_A1_E12_T7C	
5244	ZM_0100_A1_F01	ZM_0100_A1_F01_T7C	
5245	ZM_0100_A1_F02	ZM_0100_A1_F02_T7C	
5246	ZM_0100_A1_F03	ZM_0100_A1_F03_T7C	
5247	ZM_0100_A1_F04	ZM_0100_A1_F04_T7C	
5248	ZM_0100_A1_F05	ZM_0100_A1_F05_T7C	
5249	ZM_0100_A1_F06	ZM_0100_A1_F06_T7C	
5250	ZM_0100_A1_F07	ZM_0100_A1_F07_T7C	
5251	ZM_0100_A1_F08	ZM_0100_A1_F08_T7C	
5252	ZM_0100_A1_F09	ZM_0100_A1_F09_T7C	
5253	ZM_0100_A1_F10	ZM_0100_A1_F10_T7C	
5254	ZM_0100_A1_F11	ZM_0100_A1_F11_T7C	
5255	ZM_0100_A1_F12	ZM_0100_A1_F12_T7C	
5256	ZM_0100_A1_G01	ZM_0100_A1_G01_T7C	
5257	ZM_0100_A1_G02	ZM_0100_A1_G02_T7C	
5258	ZM_0100_A1_G03	ZM_0100_A1_G03_T7C	
5259	ZM_0100_A1_G04	ZM_0100_A1_G04_T7C	
5260	ZM_0100_A1_G05	ZM_0100_A1_G05_T7C	
5261	ZM_0100_A1_G06	ZM_0100_A1_G06_T7C	
5262	ZM_0100_A1_G07	ZM_0100_A1_G07_T7C	
5263	ZM_0100_A1_G08	ZM_0100_A1_G08_T7C	
5264	ZM_0100_A1_G09	ZM_0100_A1_G09_T7C	
5265	ZM_0100_A1_G10	ZM_0100_A1_G10_T7C	
5266	ZM_0100_A1_G11	ZM_0100_A1_G11_T7C	
5267	ZM_0100_A1_G12	ZM_0100_A1_G12_T7C	
5268	ZM_0100_A1_H01	ZM_0100_A1_H01_T7C	
5269	ZM_0100_A1_H02	ZM_0100_A1_H02_T7C	
5270	ZM_0100_A1_H03	ZM_0100_A1_H03_T7C	
5271	ZM_0100_A1_H04	ZM_0100_A1_H04_T7C	
5272	ZM_0100_A1_H05	ZM_0100_A1_H05_T7C	
5273	ZM_0100_A1_H06	ZM_0100_A1_H06_T7C	
5274	ZM_0100_A1_H07	ZM_0100_A1_H07_T7C	
5275	ZM_0100_A1_H08	ZM_0100_A1_H08_T7C	
5276	ZM_0100_A1_H09	ZM_0100_A1_H09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5277	ZM_0100_A1_H10	ZM_0100_A1_H10_T7C	
5278	ZM_0100_A1_H11	ZM_0100_A1_H11_T7C	
5279	ZM_0100_A1_H12	ZM_0100_A1_H12_T7C	
5280	ZM_0101_A1_A03		ZM_0101_A1_A03_MR
5281	ZM_0101_A1_A04		ZM_0101_A1_A04_MR
5282	ZM_0101_A1_A05		ZM_0101_A1_A05_MR
5283	ZM_0101_A1_A07		ZM_0101_A1_A07_MR
5284	ZM_0101_A1_A08		ZM_0101_A1_A08_MR
5285	ZM_0101_A1_A09		ZM_0101_A1_A09_MR
5286	ZM_0101_A1_A10		ZM_0101_A1_A10_MR
5287	ZM_0101_A1_A11		ZM_0101_A1_A11_MR
5288	ZM_0101_A1_A12		ZM_0101_A1_A12_MR
5289	ZM_0101_A1_B01		ZM_0101_A1_B01_MR
5290	ZM_0101_A1_B02		ZM_0101_A1_B02_MR
5291	ZM_0101_A1_B03		ZM_0101_A1_B03_MR
5292	ZM_0101_A1_B04		ZM_0101_A1_B04_MR
5293	ZM_0101_A1_B06		ZM_0101_A1_B06_MR
5294	ZM_0101_A1_B07		ZM_0101_A1_B07_MR
5295	ZM_0101_A1_B08		ZM_0101_A1_B08_MR
5296	ZM_0101_A1_B09		ZM_0101_A1_B09_MR
5297	ZM_0101_A1_B10		ZM_0101_A1_B10_MR
5298	ZM_0101_A1_B11		ZM_0101_A1_B11_MR
5299	ZM_0101_A1_B12		ZM_0101_A1_B12_MR
5300	ZM_0101_A1_C01		ZM_0101_A1_C01_MR
5301	ZM_0101_A1_C02		ZM_0101_A1_C02_MR
5302	ZM_0101_A1_C03		ZM_0101_A1_C03_MR
5303	ZM_0101_A1_C04		ZM_0101_A1_C04_MR
5304	ZM_0101_A1_C05		ZM_0101_A1_C05_MR
5305	ZM_0101_A1_C06		ZM_0101_A1_C06_MR
5306	ZM_0101_A1_C07		ZM_0101_A1_C07_MR
5307	ZM_0101_A1_C08		ZM_0101_A1_C08_MR
5308	ZM_0101_A1_C09		ZM_0101_A1_C09_MR
5309	ZM_0101_A1_C11		ZM_0101_A1_C11_MR
5310	ZM_0101_A1_C12		ZM_0101_A1_C12_MR
5311	ZM_0101_A1_D01		ZM_0101_A1_D01_MR
5312	ZM_0101_A1_D02		ZM_0101_A1_D02_MR
5313	ZM_0101_A1_D03		ZM_0101_A1_D03_MR
5314	ZM_0101_A1_D04		ZM_0101_A1_D04_MR
5315	ZM_0101_A1_D05		ZM_0101_A1_D05_MR
5316	ZM_0101_A1_D06		ZM_0101_A1_D06_MR
5317	ZM_0101_A1_D07		ZM_0101_A1_D07_MR
5318	ZM_0101_A1_D08		ZM_0101_A1_D08_MR
5319	ZM_0101_A1_D09		ZM_0101_A1_D09_MR
5320	ZM_0101_A1_D10		ZM_0101_A1_D10_MR
5321	ZM_0101_A1_D11		ZM_0101_A1_D11_MR
5322	ZM_0101_A1_D12		ZM_0101_A1_D12_MR
5323	ZM_0101_A1_E02		ZM_0101_A1_E02_MR
5324	ZM_0101_A1_E03		ZM_0101_A1_E03_MR
5325	ZM_0101_A1_E04		ZM_0101_A1_E04_MR
5326	ZM_0101_A1_E05		ZM_0101_A1_E05_MR
5327	ZM_0101_A1_E06		ZM_0101_A1_E06_MR
5328	ZM_0101_A1_E07		ZM_0101_A1_E07_MR
5329	ZM_0101_A1_E08		ZM_0101_A1_E08_MR
5330	ZM_0101_A1_E09		ZM_0101_A1_E09_MR
5331	ZM_0101_A1_E10		ZM_0101_A1_E10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5332	ZM_0101_A1_E11		ZM_0101_A1_E11_MR
5333	ZM_0101_A1_E12		ZM_0101_A1_E12_MR
5334	ZM_0101_A1_F01		ZM_0101_A1_F01_MR
5335	ZM_0101_A1_F02		ZM_0101_A1_F02_MR
5336	ZM_0101_A1_F03		ZM_0101_A1_F03_MR
5337	ZM_0101_A1_F05		ZM_0101_A1_F05_MR
5338	ZM_0101_A1_F06		ZM_0101_A1_F06_MR
5339	ZM_0101_A1_F07		ZM_0101_A1_F07_MR
5340	ZM_0101_A1_F08		ZM_0101_A1_F08_MR
5341	ZM_0101_A1_F09		ZM_0101_A1_F09_MR
5342	ZM_0101_A1_F10		ZM_0101_A1_F10_MR
5343	ZM_0101_A1_F11		ZM_0101_A1_F11_MR
5344	ZM_0101_A1_G01		ZM_0101_A1_G01_MR
5345	ZM_0101_A1_G02		ZM_0101_A1_G02_MR
5346	ZM_0101_A1_G03		ZM_0101_A1_G03_MR
5347	ZM_0101_A1_G04		ZM_0101_A1_G04_MR
5348	ZM_0101_A1_G06		ZM_0101_A1_G06_MR
5349	ZM_0101_A1_G07		ZM_0101_A1_G07_MR
5350	ZM_0101_A1_G08		ZM_0101_A1_G08_MR
5351	ZM_0101_A1_G09		ZM_0101_A1_G09_MR
5352	ZM_0101_A1_G10		ZM_0101_A1_G10_MR
5353	ZM_0101_A1_G12		ZM_0101_A1_G12_MR
5354	ZM_0101_A1_H01		ZM_0101_A1_H01_MR
5355	ZM_0101_A1_H02		ZM_0101_A1_H02_MR
5356	ZM_0101_A1_H03		ZM_0101_A1_H03_MR
5357	ZM_0101_A1_H04		ZM_0101_A1_H04_MR
5358	ZM_0101_A1_H05		ZM_0101_A1_H05_MR
5359	ZM_0101_A1_H06		ZM_0101_A1_H06_MR
5360	ZM_0101_A1_H07		ZM_0101_A1_H07_MR
5361	ZM_0101_A1_H09		ZM_0101_A1_H09_MR
5362	ZM_0101_A1_H10		ZM_0101_A1_H10_MR
5363	ZM_0101_A1_H11		ZM_0101_A1_H11_MR
5364	ZM_0101_A1_H12		ZM_0101_A1_H12_MR
5365	ZM_0101_A2_A01	ZM_0101_A2_A01_T7C	
5366	ZM_0101_A2_A03	ZM_0101_A2_A03_T7C	
5367	ZM_0101_A2_A04	ZM_0101_A2_A04_T7C	
5368	ZM_0101_A2_A06	ZM_0101_A2_A06_T7C	
5369	ZM_0101_A2_A08	ZM_0101_A2_A08_T7C	
5370	ZM_0101_A2_A10	ZM_0101_A2_A10_T7C	
5371	ZM_0101_A2_A11	ZM_0101_A2_A11_T7C	
5372	ZM_0101_A2_A12	ZM_0101_A2_A12_T7C	
5373	ZM_0101_A2_B01	ZM_0101_A2_B01_T7C	
5374	ZM_0101_A2_B02	ZM_0101_A2_B02_T7C	
5375	ZM_0101_A2_B03	ZM_0101_A2_B03_T7C	
5376	ZM_0101_A2_B04	ZM_0101_A2_B04_T7C	
5377	ZM_0101_A2_B05	ZM_0101_A2_B05_T7C	
5378	ZM_0101_A2_B06	ZM_0101_A2_B06_T7C	
5379	ZM_0101_A2_B07	ZM_0101_A2_B07_T7C	
5380	ZM_0101_A2_B08	ZM_0101_A2_B08_T7C	
5381	ZM_0101_A2_B10	ZM_0101_A2_B10_T7C	
5382	ZM_0101_A2_B11	ZM_0101_A2_B11_T7C	
5383	ZM_0101_A2_B12	ZM_0101_A2_B12_T7C	
5384	ZM_0101_A2_C01	ZM_0101_A2_C01_T7C	
5385	ZM_0101_A2_C02	ZM_0101_A2_C02_T7C	
5386	ZM_0101_A2_C03	ZM_0101_A2_C03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5387	ZM_0101_A2_C04	ZM_0101_A2_C04_T7C	
5388	ZM_0101_A2_C05	ZM_0101_A2_C05_T7C	
5389	ZM_0101_A2_C06	ZM_0101_A2_C06_T7C	
5390	ZM_0101_A2_C07	ZM_0101_A2_C07_T7C	
5391	ZM_0101_A2_C08	ZM_0101_A2_C08_T7C	
5392	ZM_0101_A2_C09	ZM_0101_A2_C09_T7C	
5393	ZM_0101_A2_C10	ZM_0101_A2_C10_T7C	
5394	ZM_0101_A2_C11	ZM_0101_A2_C11_T7C	
5395	ZM_0101_A2_C12	ZM_0101_A2_C12_T7C	
5396	ZM_0101_A2_D01	ZM_0101_A2_D01_T7C	
5397	ZM_0101_A2_D02	ZM_0101_A2_D02_T7C	
5398	ZM_0101_A2_D03	ZM_0101_A2_D03_T7C	
5399	ZM_0101_A2_D04	ZM_0101_A2_D04_T7C	
5400	ZM_0101_A2_D10	ZM_0101_A2_D10_T7C	
5401	ZM_0101_A2_E01	ZM_0101_A2_E01_T7C	
5402	ZM_0101_A2_E02	ZM_0101_A2_E02_T7C	
5403	ZM_0101_A2_E03	ZM_0101_A2_E03_T7C	
5404	ZM_0101_A2_E04	ZM_0101_A2_E04_T7C	
5405	ZM_0101_A2_E05	ZM_0101_A2_E05_T7C	
5406	ZM_0101_A2_E06	ZM_0101_A2_E06_T7C	
5407	ZM_0101_A2_E07	ZM_0101_A2_E07_T7C	
5408	ZM_0101_A2_E08	ZM_0101_A2_E08_T7C	
5409	ZM_0101_A2_E09	ZM_0101_A2_E09_T7C	
5410	ZM_0101_A2_E10	ZM_0101_A2_E10_T7C	
5411	ZM_0101_A2_E11	ZM_0101_A2_E11_T7C	
5412	ZM_0101_A2_E12	ZM_0101_A2_E12_T7C	
5413	ZM_0101_A2_F01	ZM_0101_A2_F01_T7C	
5414	ZM_0101_A2_F02	ZM_0101_A2_F02_T7C	
5415	ZM_0101_A2_F03	ZM_0101_A2_F03_T7C	
5416	ZM_0101_A2_F04	ZM_0101_A2_F04_T7C	
5417	ZM_0101_A2_F05	ZM_0101_A2_F05_T7C	
5418	ZM_0101_A2_F06	ZM_0101_A2_F06_T7C	
5419	ZM_0101_A2_F07	ZM_0101_A2_F07_T7C	
5420	ZM_0101_A2_F08	ZM_0101_A2_F08_T7C	
5421	ZM_0101_A2_F09	ZM_0101_A2_F09_T7C	
5422	ZM_0101_A2_F10	ZM_0101_A2_F10_T7C	
5423	ZM_0101_A2_F11	ZM_0101_A2_F11_T7C	
5424	ZM_0101_A2_F12	ZM_0101_A2_F12_T7C	
5425	ZM_0101_A2_G01	ZM_0101_A2_G01_T7C	
5426	ZM_0101_A2_G02	ZM_0101_A2_G02_T7C	
5427	ZM_0101_A2_G03	ZM_0101_A2_G03_T7C	
5428	ZM_0101_A2_G04	ZM_0101_A2_G04_T7C	
5429	ZM_0101_A2_G05	ZM_0101_A2_G05_T7C	
5430	ZM_0101_A2_G06	ZM_0101_A2_G06_T7C	
5431	ZM_0101_A2_G07	ZM_0101_A2_G07_T7C	
5432	ZM_0101_A2_G08	ZM_0101_A2_G08_T7C	
5433	ZM_0101_A2_G09	ZM_0101_A2_G09_T7C	
5434	ZM_0101_A2_G10	ZM_0101_A2_G10_T7C	
5435	ZM_0101_A2_G11	ZM_0101_A2_G11_T7C	
5436	ZM_0101_A2_G12	ZM_0101_A2_G12_T7C	
5437	ZM_0101_A2_H02	ZM_0101_A2_H02_T7C	
5438	ZM_0101_A2_H03	ZM_0101_A2_H03_T7C	
5439	ZM_0101_A2_H04	ZM_0101_A2_H04_T7C	
5440	ZM_0101_A2_H05	ZM_0101_A2_H05_T7C	
5441	ZM_0101_A2_H07	ZM_0101_A2_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5442	ZM_0102_A1_A02	ZM_0102_A1_A02_T7C	
5443	ZM_0102_A1_A03	ZM_0102_A1_A03_T7C	
5444	ZM_0102_A1_A04	ZM_0102_A1_A04_T7C	
5445	ZM_0102_A1_A05	ZM_0102_A1_A05_T7C	
5446	ZM_0102_A1_A06	ZM_0102_A1_A06_T7C	
5447	ZM_0102_A1_A07	ZM_0102_A1_A07_T7C	
5448	ZM_0102_A1_A08	ZM_0102_A1_A08_T7C	
5449	ZM_0102_A1_A09	ZM_0102_A1_A09_T7C	
5450	ZM_0102_A1_A10	ZM_0102_A1_A10_T7C	
5451	ZM_0102_A1_A11	ZM_0102_A1_A11_T7C	
5452	ZM_0102_A1_A12	ZM_0102_A1_A12_T7C	
5453	ZM_0102_A1_B01	ZM_0102_A1_B01_T7C	
5454	ZM_0102_A1_B02	ZM_0102_A1_B02_T7C	
5455	ZM_0102_A1_B03	ZM_0102_A1_B03_T7C	
5456	ZM_0102_A1_B04	ZM_0102_A1_B04_T7C	
5457	ZM_0102_A1_B05	ZM_0102_A1_B05_T7C	
5458	ZM_0102_A1_B06	ZM_0102_A1_B06_T7C	
5459	ZM_0102_A1_B07	ZM_0102_A1_B07_T7C	
5460	ZM_0102_A1_B08	ZM_0102_A1_B08_T7C	
5461	ZM_0102_A1_B09	ZM_0102_A1_B09_T7C	
5462	ZM_0102_A1_B10	ZM_0102_A1_B10_T7C	
5463	ZM_0102_A1_B11	ZM_0102_A1_B11_T7C	
5464	ZM_0102_A1_B12	ZM_0102_A1_B12_T7C	
5465	ZM_0102_A1_C01	ZM_0102_A1_C01_T7C	
5466	ZM_0102_A1_C02	ZM_0102_A1_C02_T7C	
5467	ZM_0102_A1_C03	ZM_0102_A1_C03_T7C	
5468	ZM_0102_A1_C04	ZM_0102_A1_C04_T7C	
5469	ZM_0102_A1_C05	ZM_0102_A1_C05_T7C	
5470	ZM_0102_A1_C06	ZM_0102_A1_C06_T7C	
5471	ZM_0102_A1_C07	ZM_0102_A1_C07_T7C	
5472	ZM_0102_A1_C08	ZM_0102_A1_C08_T7C	
5473	ZM_0102_A1_C09	ZM_0102_A1_C09_T7C	
5474	ZM_0102_A1_C10	ZM_0102_A1_C10_T7C	
5475	ZM_0102_A1_C11	ZM_0102_A1_C11_T7C	
5476	ZM_0102_A1_C12	ZM_0102_A1_C12_T7C	
5477	ZM_0102_A1_D01	ZM_0102_A1_D01_T7C	
5478	ZM_0102_A1_D02	ZM_0102_A1_D02_T7C	
5479	ZM_0102_A1_D03	ZM_0102_A1_D03_T7C	
5480	ZM_0102_A1_D04	ZM_0102_A1_D04_T7C	
5481	ZM_0102_A1_D05	ZM_0102_A1_D05_T7C	
5482	ZM_0102_A1_D06	ZM_0102_A1_D06_T7C	
5483	ZM_0102_A1_D07	ZM_0102_A1_D07_T7C	
5484	ZM_0102_A1_D08	ZM_0102_A1_D08_T7C	
5485	ZM_0102_A1_D10	ZM_0102_A1_D10_T7C	
5486	ZM_0102_A1_D11	ZM_0102_A1_D11_T7C	
5487	ZM_0102_A1_D12	ZM_0102_A1_D12_T7C	
5488	ZM_0102_A1_E03	ZM_0102_A1_E03_T7C	
5489	ZM_0102_A1_E04	ZM_0102_A1_E04_T7C	
5490	ZM_0102_A1_E05	ZM_0102_A1_E05_T7C	
5491	ZM_0102_A1_E06	ZM_0102_A1_E06_T7C	
5492	ZM_0102_A1_E07	ZM_0102_A1_E07_T7C	
5493	ZM_0102_A1_E08	ZM_0102_A1_E08_T7C	
5494	ZM_0102_A1_E09	ZM_0102_A1_E09_T7C	
5495	ZM_0102_A1_E10	ZM_0102_A1_E10_T7C	
5496	ZM_0102_A1_E11	ZM_0102_A1_E11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5497	ZM_0102_A1_E12	ZM_0102_A1_E12_T7C	
5498	ZM_0102_A1_F01	ZM_0102_A1_F01_T7C	
5499	ZM_0102_A1_F02	ZM_0102_A1_F02_T7C	
5500	ZM_0102_A1_F03	ZM_0102_A1_F03_T7C	
5501	ZM_0102_A1_F04	ZM_0102_A1_F04_T7C	
5502	ZM_0102_A1_F05	ZM_0102_A1_F05_T7C	
5503	ZM_0102_A1_F06	ZM_0102_A1_F06_T7C	
5504	ZM_0102_A1_F07	ZM_0102_A1_F07_T7C	
5505	ZM_0102_A1_F08	ZM_0102_A1_F08_T7C	
5506	ZM_0102_A1_F09	ZM_0102_A1_F09_T7C	
5507	ZM_0102_A1_F10	ZM_0102_A1_F10_T7C	
5508	ZM_0102_A1_F11	ZM_0102_A1_F11_T7C	
5509	ZM_0102_A1_F12	ZM_0102_A1_F12_T7C	
5510	ZM_0102_A1_G02	ZM_0102_A1_G02_T7C	
5511	ZM_0102_A1_G03	ZM_0102_A1_G03_T7C	
5512	ZM_0102_A1_G04	ZM_0102_A1_G04_T7C	
5513	ZM_0102_A1_G05	ZM_0102_A1_G05_T7C	
5514	ZM_0102_A1_G06	ZM_0102_A1_G06_T7C	
5515	ZM_0102_A1_G07	ZM_0102_A1_G07_T7C	
5516	ZM_0102_A1_G08	ZM_0102_A1_G08_T7C	
5517	ZM_0102_A1_G09	ZM_0102_A1_G09_T7C	
5518	ZM_0102_A1_G10	ZM_0102_A1_G10_T7C	
5519	ZM_0102_A1_G12	ZM_0102_A1_G12_T7C	
5520	ZM_0102_A1_H01	ZM_0102_A1_H01_T7C	
5521	ZM_0102_A1_H02	ZM_0102_A1_H02_T7C	
5522	ZM_0102_A1_H03	ZM_0102_A1_H03_T7C	
5523	ZM_0102_A1_H04	ZM_0102_A1_H04_T7C	
5524	ZM_0102_A1_H05	ZM_0102_A1_H05_T7C	
5525	ZM_0102_A1_H06	ZM_0102_A1_H06_T7C	
5526	ZM_0102_A1_H07	ZM_0102_A1_H07_T7C	
5527	ZM_0102_A1_H08	ZM_0102_A1_H08_T7C	
5528	ZM_0102_A1_H09	ZM_0102_A1_H09_T7C	
5529	ZM_0102_A1_H10	ZM_0102_A1_H10_T7C	
5530	ZM_0102_A1_H11	ZM_0102_A1_H11_T7C	
5531	ZM_0102_A1_H12	ZM_0102_A1_H12_T7C	
5532	ZM_0102_A2_A01	ZM_0102_A2_A01_T7C	
5533	ZM_0102_A2_A02	ZM_0102_A2_A02_T7C	
5534	ZM_0102_A2_A03	ZM_0102_A2_A03_T7C	
5535	ZM_0102_A2_A04	ZM_0102_A2_A04_T7C	
5536	ZM_0102_A2_A04		ZM_0102_A2_A04_MR
5537	ZM_0102_A2_A05	ZM_0102_A2_A05_T7C	
5538	ZM_0102_A2_A05		ZM_0102_A2_A05_MR
5539	ZM_0102_A2_A06	ZM_0102_A2_A06_T7C	
5540	ZM_0102_A2_A06		ZM_0102_A2_A06_MR
5541	ZM_0102_A2_A07	ZM_0102_A2_A07_T7C	
5542	ZM_0102_A2_A08	ZM_0102_A2_A08_T7C	
5543	ZM_0102_A2_A09	ZM_0102_A2_A09_T7C	
5544	ZM_0102_A2_A09		ZM_0102_A2_A09_MR
5545	ZM_0102_A2_A10	ZM_0102_A2_A10_T7C	
5546	ZM_0102_A2_A10		ZM_0102_A2_A10_MR
5547	ZM_0102_A2_A11	ZM_0102_A2_A11_T7C	
5548	ZM_0102_A2_A11		ZM_0102_A2_A11_MR
5549	ZM_0102_A2_A12	ZM_0102_A2_A12_T7C	
5550	ZM_0102_A2_A12		ZM_0102_A2_A12_MR
5551	ZM_0102_A2_B01	ZM_0102_A2_B01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5552	ZM_0102_A2_B01		ZM_0102_A2_B01_MR
5553	ZM_0102_A2_B02	ZM_0102_A2_B02_T7C	
5554	ZM_0102_A2_B02		ZM_0102_A2_B02_MR
5555	ZM_0102_A2_B03	ZM_0102_A2_B03_T7C	
5556	ZM_0102_A2_B03		ZM_0102_A2_B03_MR
5557	ZM_0102_A2_B04	ZM_0102_A2_B04_T7C	
5558	ZM_0102_A2_B04		ZM_0102_A2_B04_MR
5559	ZM_0102_A2_B05	ZM_0102_A2_B05_T7C	
5560	ZM_0102_A2_B05		ZM_0102_A2_B05_MR
5561	ZM_0102_A2_B06	ZM_0102_A2_B06_T7C	
5562	ZM_0102_A2_B07	ZM_0102_A2_B07_T7C	
5563	ZM_0102_A2_B07		ZM_0102_A2_B07_MR
5564	ZM_0102_A2_B08	ZM_0102_A2_B08_T7C	
5565	ZM_0102_A2_B08		ZM_0102_A2_B08_MR
5566	ZM_0102_A2_B09	ZM_0102_A2_B09_T7C	
5567	ZM_0102_A2_B09		ZM_0102_A2_B09_MR
5568	ZM_0102_A2_B10	ZM_0102_A2_B10_T7C	
5569	ZM_0102_A2_B10		ZM_0102_A2_B10_MR
5570	ZM_0102_A2_B11	ZM_0102_A2_B11_T7C	
5571	ZM_0102_A2_B11		ZM_0102_A2_B11_MR
5572	ZM_0102_A2_B12	ZM_0102_A2_B12_T7C	
5573	ZM_0102_A2_B12		ZM_0102_A2_B12_MR
5574	ZM_0102_A2_C01	ZM_0102_A2_C01_T7C	
5575	ZM_0102_A2_C01		ZM_0102_A2_C01_MR
5576	ZM_0102_A2_C02	ZM_0102_A2_C02_T7C	
5577	ZM_0102_A2_C02		ZM_0102_A2_C02_MR
5578	ZM_0102_A2_C03	ZM_0102_A2_C03_T7C	
5579	ZM_0102_A2_C03		ZM_0102_A2_C03_MR
5580	ZM_0102_A2_C05		ZM_0102_A2_C05_MR
5581	ZM_0102_A2_C06	ZM_0102_A2_C06_T7C	
5582	ZM_0102_A2_C06		ZM_0102_A2_C06_MR
5583	ZM_0102_A2_C07	ZM_0102_A2_C07_T7C	
5584	ZM_0102_A2_C07		ZM_0102_A2_C07_MR
5585	ZM_0102_A2_C09	ZM_0102_A2_C09_T7C	
5586	ZM_0102_A2_C09		ZM_0102_A2_C09_MR
5587	ZM_0102_A2_C10	ZM_0102_A2_C10_T7C	
5588	ZM_0102_A2_C10		ZM_0102_A2_C10_MR
5589	ZM_0102_A2_C11	ZM_0102_A2_C11_T7C	
5590	ZM_0102_A2_C11		ZM_0102_A2_C11_MR
5591	ZM_0102_A2_C12	ZM_0102_A2_C12_T7C	
5592	ZM_0102_A2_C12		ZM_0102_A2_C12_MR
5593	ZM_0102_A2_D01	ZM_0102_A2_D01_T7C	
5594	ZM_0102_A2_D01		ZM_0102_A2_D01_MR
5595	ZM_0102_A2_D02	ZM_0102_A2_D02_T7C	
5596	ZM_0102_A2_D02		ZM_0102_A2_D02_MR
5597	ZM_0102_A2_D03	ZM_0102_A2_D03_T7C	
5598	ZM_0102_A2_D03		ZM_0102_A2_D03_MR
5599	ZM_0102_A2_D04	ZM_0102_A2_D04_T7C	
5600	ZM_0102_A2_D04		ZM_0102_A2_D04_MR
5601	ZM_0102_A2_D05	ZM_0102_A2_D05_T7C	
5602	ZM_0102_A2_D05		ZM_0102_A2_D05_MR
5603	ZM_0102_A2_D06	ZM_0102_A2_D06_T7C	
5604	ZM_0102_A2_D07	ZM_0102_A2_D07_T7C	
5605	ZM_0102_A2_D08	ZM_0102_A2_D08_T7C	
5606	ZM_0102_A2_D08		ZM_0102_A2_D08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5607	ZM_0102_A2_D09	ZM_0102_A2_D09_T7C	
5608	ZM_0102_A2_D09		ZM_0102_A2_D09_MR
5609	ZM_0102_A2_D10		ZM_0102_A2_D10_MR
5610	ZM_0102_A2_D11	ZM_0102_A2_D11_T7C	
5611	ZM_0102_A2_D11		ZM_0102_A2_D11_MR
5612	ZM_0102_A2_D12	ZM_0102_A2_D12_T7C	
5613	ZM_0102_A2_D12		ZM_0102_A2_D12_MR
5614	ZM_0102_A2_E01	ZM_0102_A2_E01_T7C	
5615	ZM_0102_A2_E01		ZM_0102_A2_E01_MR
5616	ZM_0102_A2_E02	ZM_0102_A2_E02_T7C	
5617	ZM_0102_A2_E02		ZM_0102_A2_E02_MR
5618	ZM_0102_A2_E03	ZM_0102_A2_E03_T7C	
5619	ZM_0102_A2_E03		ZM_0102_A2_E03_MR
5620	ZM_0102_A2_E04	ZM_0102_A2_E04_T7C	
5621	ZM_0102_A2_E04		ZM_0102_A2_E04_MR
5622	ZM_0102_A2_E05	ZM_0102_A2_E05_T7C	
5623	ZM_0102_A2_E05		ZM_0102_A2_E05_MR
5624	ZM_0102_A2_E06	ZM_0102_A2_E06_T7C	
5625	ZM_0102_A2_E06		ZM_0102_A2_E06_MR
5626	ZM_0102_A2_E07	ZM_0102_A2_E07_T7C	
5627	ZM_0102_A2_E07		ZM_0102_A2_E07_MR
5628	ZM_0102_A2_E09	ZM_0102_A2_E09_T7C	
5629	ZM_0102_A2_E09		ZM_0102_A2_E09_MR
5630	ZM_0102_A2_E10	ZM_0102_A2_E10_T7C	
5631	ZM_0102_A2_E10		ZM_0102_A2_E10_MR
5632	ZM_0102_A2_E11	ZM_0102_A2_E11_T7C	
5633	ZM_0102_A2_E11		ZM_0102_A2_E11_MR
5634	ZM_0102_A2_E12	ZM_0102_A2_E12_T7C	
5635	ZM_0102_A2_E12		ZM_0102_A2_E12_MR
5636	ZM_0102_A2_F01	ZM_0102_A2_F01_T7C	
5637	ZM_0102_A2_F01		ZM_0102_A2_F01_MR
5638	ZM_0102_A2_F02	ZM_0102_A2_F02_T7C	
5639	ZM_0102_A2_F02		ZM_0102_A2_F02_MR
5640	ZM_0102_A2_F03	ZM_0102_A2_F03_T7C	
5641	ZM_0102_A2_F03		ZM_0102_A2_F03_MR
5642	ZM_0102_A2_F04	ZM_0102_A2_F04_T7C	
5643	ZM_0102_A2_F04		ZM_0102_A2_F04_MR
5644	ZM_0102_A2_F05	ZM_0102_A2_F05_T7C	
5645	ZM_0102_A2_F05		ZM_0102_A2_F05_MR
5646	ZM_0102_A2_F06	ZM_0102_A2_F06_T7C	
5647	ZM_0102_A2_F07	ZM_0102_A2_F07_T7C	
5648	ZM_0102_A2_F07		ZM_0102_A2_F07_MR
5649	ZM_0102_A2_F08	ZM_0102_A2_F08_T7C	
5650	ZM_0102_A2_F08		ZM_0102_A2_F08_MR
5651	ZM_0102_A2_F09	ZM_0102_A2_F09_T7C	
5652	ZM_0102_A2_F09		ZM_0102_A2_F09_MR
5653	ZM_0102_A2_F10	ZM_0102_A2_F10_T7C	
5654	ZM_0102_A2_F10		ZM_0102_A2_F10_MR
5655	ZM_0102_A2_F11	ZM_0102_A2_F11_T7C	
5656	ZM_0102_A2_F11		ZM_0102_A2_F11_MR
5657	ZM_0102_A2_F12	ZM_0102_A2_F12_T7C	
5658	ZM_0102_A2_F12		ZM_0102_A2_F12_MR
5659	ZM_0102_A2_G01	ZM_0102_A2_G01_T7C	
5660	ZM_0102_A2_G01		ZM_0102_A2_G01_MR
5661	ZM_0102_A2_G02	ZM_0102_A2_G02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5662	ZM_0102_A2_G02		ZM_0102_A2_G02_MR
5663	ZM_0102_A2_G03	ZM_0102_A2_G03_T7C	
5664	ZM_0102_A2_G03		ZM_0102_A2_G03_MR
5665	ZM_0102_A2_G04	ZM_0102_A2_G04_T7C	
5666	ZM_0102_A2_G04		ZM_0102_A2_G04_MR
5667	ZM_0102_A2_G05	ZM_0102_A2_G05_T7C	
5668	ZM_0102_A2_G05		ZM_0102_A2_G05_MR
5669	ZM_0102_A2_G06	ZM_0102_A2_G06_T7C	
5670	ZM_0102_A2_G06		ZM_0102_A2_G06_MR
5671	ZM_0102_A2_G07	ZM_0102_A2_G07_T7C	
5672	ZM_0102_A2_G07		ZM_0102_A2_G07_MR
5673	ZM_0102_A2_G08	ZM_0102_A2_G08_T7C	
5674	ZM_0102_A2_G08		ZM_0102_A2_G08_MR
5675	ZM_0102_A2_G09	ZM_0102_A2_G09_T7C	
5676	ZM_0102_A2_G09		ZM_0102_A2_G09_MR
5677	ZM_0102_A2_G10	ZM_0102_A2_G10_T7C	
5678	ZM_0102_A2_G10		ZM_0102_A2_G10_MR
5679	ZM_0102_A2_G11	ZM_0102_A2_G11_T7C	
5680	ZM_0102_A2_G11		ZM_0102_A2_G11_MR
5681	ZM_0102_A2_G12	ZM_0102_A2_G12_T7C	
5682	ZM_0102_A2_G12		ZM_0102_A2_G12_MR
5683	ZM_0102_A2_H01	ZM_0102_A2_H01_T7C	
5684	ZM_0102_A2_H01		ZM_0102_A2_H01_MR
5685	ZM_0102_A2_H03	ZM_0102_A2_H03_T7C	
5686	ZM_0102_A2_H03		ZM_0102_A2_H03_MR
5687	ZM_0102_A2_H04	ZM_0102_A2_H04_T7C	
5688	ZM_0102_A2_H04		ZM_0102_A2_H04_MR
5689	ZM_0102_A2_H05	ZM_0102_A2_H05_T7C	
5690	ZM_0102_A2_H05		ZM_0102_A2_H05_MR
5691	ZM_0102_A2_H07	ZM_0102_A2_H07_T7C	
5692	ZM_0102_A2_H07		ZM_0102_A2_H07_MR
5693	ZM_0102_A2_H08	ZM_0102_A2_H08_T7C	
5694	ZM_0102_A2_H08		ZM_0102_A2_H08_MR
5695	ZM_0102_A2_H09	ZM_0102_A2_H09_T7C	
5696	ZM_0102_A2_H11	ZM_0102_A2_H11_T7C	
5697	ZM_0102_A2_H11		ZM_0102_A2_H11_MR
5698	ZM_0102_A2_H12	ZM_0102_A2_H12_T7C	
5699	ZM_0102_A2_H12		ZM_0102_A2_H12_MR
5700	ZM_0103_A1_A01	ZM_0103_A1_A01_T7C	
5701	ZM_0103_A1_A02	ZM_0103_A1_A02_T7C	
5702	ZM_0103_A1_A03	ZM_0103_A1_A03_T7C	
5703	ZM_0103_A1_A04	ZM_0103_A1_A04_T7C	
5704	ZM_0103_A1_A05	ZM_0103_A1_A05_T7C	
5705	ZM_0103_A1_A06	ZM_0103_A1_A06_T7C	
5706	ZM_0103_A1_A07	ZM_0103_A1_A07_T7C	
5707	ZM_0103_A1_A08	ZM_0103_A1_A08_T7C	
5708	ZM_0103_A1_A09	ZM_0103_A1_A09_T7C	
5709	ZM_0103_A1_A10	ZM_0103_A1_A10_T7C	
5710	ZM_0103_A1_A12	ZM_0103_A1_A12_T7C	
5711	ZM_0103_A1_B01	ZM_0103_A1_B01_T7C	
5712	ZM_0103_A1_B02	ZM_0103_A1_B02_T7C	
5713	ZM_0103_A1_B03	ZM_0103_A1_B03_T7C	
5714	ZM_0103_A1_B04	ZM_0103_A1_B04_T7C	
5715	ZM_0103_A1_B05	ZM_0103_A1_B05_T7C	
5716	ZM_0103_A1_B06	ZM_0103_A1_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5717	ZM_0103_A1_B07	ZM_0103_A1_B07_T7C	
5718	ZM_0103_A1_B08	ZM_0103_A1_B08_T7C	
5719	ZM_0103_A1_B09	ZM_0103_A1_B09_T7C	
5720	ZM_0103_A1_B10	ZM_0103_A1_B10_T7C	
5721	ZM_0103_A1_B11	ZM_0103_A1_B11_T7C	
5722	ZM_0103_A1_B12	ZM_0103_A1_B12_T7C	
5723	ZM_0103_A1_C01	ZM_0103_A1_C01_T7C	
5724	ZM_0103_A1_C02	ZM_0103_A1_C02_T7C	
5725	ZM_0103_A1_C03	ZM_0103_A1_C03_T7C	
5726	ZM_0103_A1_C04	ZM_0103_A1_C04_T7C	
5727	ZM_0103_A1_C05	ZM_0103_A1_C05_T7C	
5728	ZM_0103_A1_C06	ZM_0103_A1_C06_T7C	
5729	ZM_0103_A1_C07	ZM_0103_A1_C07_T7C	
5730	ZM_0103_A1_C09	ZM_0103_A1_C09_T7C	
5731	ZM_0103_A1_C10	ZM_0103_A1_C10_T7C	
5732	ZM_0103_A1_C12	ZM_0103_A1_C12_T7C	
5733	ZM_0103_A1_D01	ZM_0103_A1_D01_T7C	
5734	ZM_0103_A1_D02	ZM_0103_A1_D02_T7C	
5735	ZM_0103_A1_D03	ZM_0103_A1_D03_T7C	
5736	ZM_0103_A1_D04	ZM_0103_A1_D04_T7C	
5737	ZM_0103_A1_D05	ZM_0103_A1_D05_T7C	
5738	ZM_0103_A1_D06	ZM_0103_A1_D06_T7C	
5739	ZM_0103_A1_D07	ZM_0103_A1_D07_T7C	
5740	ZM_0103_A1_D08	ZM_0103_A1_D08_T7C	
5741	ZM_0103_A1_D09	ZM_0103_A1_D09_T7C	
5742	ZM_0103_A1_D10	ZM_0103_A1_D10_T7C	
5743	ZM_0103_A1_D11	ZM_0103_A1_D11_T7C	
5744	ZM_0103_A1_D12	ZM_0103_A1_D12_T7C	
5745	ZM_0103_A1_E01	ZM_0103_A1_E01_T7C	
5746	ZM_0103_A1_E02	ZM_0103_A1_E02_T7C	
5747	ZM_0103_A1_E03	ZM_0103_A1_E03_T7C	
5748	ZM_0103_A1_E04	ZM_0103_A1_E04_T7C	
5749	ZM_0103_A1_E06	ZM_0103_A1_E06_T7C	
5750	ZM_0103_A1_E07	ZM_0103_A1_E07_T7C	
5751	ZM_0103_A1_E08	ZM_0103_A1_E08_T7C	
5752	ZM_0103_A1_E09	ZM_0103_A1_E09_T7C	
5753	ZM_0103_A1_E10	ZM_0103_A1_E10_T7C	
5754	ZM_0103_A1_E11	ZM_0103_A1_E11_T7C	
5755	ZM_0103_A1_E12	ZM_0103_A1_E12_T7C	
5756	ZM_0103_A1_F01	ZM_0103_A1_F01_T7C	
5757	ZM_0103_A1_F02	ZM_0103_A1_F02_T7C	
5758	ZM_0103_A1_F03	ZM_0103_A1_F03_T7C	
5759	ZM_0103_A1_F04	ZM_0103_A1_F04_T7C	
5760	ZM_0103_A1_F05	ZM_0103_A1_F05_T7C	
5761	ZM_0103_A1_F06	ZM_0103_A1_F06_T7C	
5762	ZM_0103_A1_F07	ZM_0103_A1_F07_T7C	
5763	ZM_0103_A1_F08	ZM_0103_A1_F08_T7C	
5764	ZM_0103_A1_F09	ZM_0103_A1_F09_T7C	
5765	ZM_0103_A1_F10	ZM_0103_A1_F10_T7C	
5766	ZM_0103_A1_F11	ZM_0103_A1_F11_T7C	
5767	ZM_0103_A1_F12	ZM_0103_A1_F12_T7C	
5768	ZM_0103_A1_G01	ZM_0103_A1_G01_T7C	
5769	ZM_0103_A1_G02	ZM_0103_A1_G02_T7C	
5770	ZM_0103_A1_G04	ZM_0103_A1_G04_T7C	
5771	ZM_0103_A1_G05	ZM_0103_A1_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5772	ZM_0103_A1_G06	ZM_0103_A1_G06_T7C	
5773	ZM_0103_A1_G07	ZM_0103_A1_G07_T7C	
5774	ZM_0103_A1_G08	ZM_0103_A1_G08_T7C	
5775	ZM_0103_A1_G09	ZM_0103_A1_G09_T7C	
5776	ZM_0103_A1_G10	ZM_0103_A1_G10_T7C	
5777	ZM_0103_A1_G11	ZM_0103_A1_G11_T7C	
5778	ZM_0103_A1_G12	ZM_0103_A1_G12_T7C	
5779	ZM_0103_A1_H01	ZM_0103_A1_H01_T7C	
5780	ZM_0103_A1_H02	ZM_0103_A1_H02_T7C	
5781	ZM_0103_A1_H03	ZM_0103_A1_H03_T7C	
5782	ZM_0103_A1_H04	ZM_0103_A1_H04_T7C	
5783	ZM_0103_A1_H05	ZM_0103_A1_H05_T7C	
5784	ZM_0103_A1_H06	ZM_0103_A1_H06_T7C	
5785	ZM_0103_A1_H07	ZM_0103_A1_H07_T7C	
5786	ZM_0103_A1_H09	ZM_0103_A1_H09_T7C	
5787	ZM_0103_A2_A01	ZM_0103_A2_A01_T7C	
5788	ZM_0103_A2_A02	ZM_0103_A2_A02_T7C	
5789	ZM_0103_A2_A03	ZM_0103_A2_A03_T7C	
5790	ZM_0103_A2_A03		ZM_0103_A2_A03_MR
5791	ZM_0103_A2_A04	ZM_0103_A2_A04_T7C	
5792	ZM_0103_A2_A04		ZM_0103_A2_A04_MR
5793	ZM_0103_A2_A05	ZM_0103_A2_A05_T7C	
5794	ZM_0103_A2_A05		ZM_0103_A2_A05_MR
5795	ZM_0103_A2_A06	ZM_0103_A2_A06_T7C	
5796	ZM_0103_A2_A07	ZM_0103_A2_A07_T7C	
5797	ZM_0103_A2_A08	ZM_0103_A2_A08_T7C	
5798	ZM_0103_A2_A10	ZM_0103_A2_A10_T7C	
5799	ZM_0103_A2_A11	ZM_0103_A2_A11_T7C	
5800	ZM_0103_A2_A11		ZM_0103_A2_A11_MR
5801	ZM_0103_A2_A12	ZM_0103_A2_A12_T7C	
5802	ZM_0103_A2_B01	ZM_0103_A2_B01_T7C	
5803	ZM_0103_A2_B01		ZM_0103_A2_B01_MR
5804	ZM_0103_A2_B02	ZM_0103_A2_B02_T7C	
5805	ZM_0103_A2_B05	ZM_0103_A2_B05_T7C	
5806	ZM_0103_A2_B05		ZM_0103_A2_B05_MR
5807	ZM_0103_A2_B06	ZM_0103_A2_B06_T7C	
5808	ZM_0103_A2_B07	ZM_0103_A2_B07_T7C	
5809	ZM_0103_A2_B07		ZM_0103_A2_B07_MR
5810	ZM_0103_A2_B08	ZM_0103_A2_B08_T7C	
5811	ZM_0103_A2_B09	ZM_0103_A2_B09_T7C	
5812	ZM_0103_A2_B09		ZM_0103_A2_B09_MR
5813	ZM_0103_A2_B10	ZM_0103_A2_B10_T7C	
5814	ZM_0103_A2_B10		ZM_0103_A2_B10_MR
5815	ZM_0103_A2_B11	ZM_0103_A2_B11_T7C	
5816	ZM_0103_A2_B12	ZM_0103_A2_B12_T7C	
5817	ZM_0103_A2_C01	ZM_0103_A2_C01_T7C	
5818	ZM_0103_A2_C02	ZM_0103_A2_C02_T7C	
5819	ZM_0103_A2_C02		ZM_0103_A2_C02_MR
5820	ZM_0103_A2_C03	ZM_0103_A2_C03_T7C	
5821	ZM_0103_A2_C04	ZM_0103_A2_C04_T7C	
5822	ZM_0103_A2_C05	ZM_0103_A2_C05_T7C	
5823	ZM_0103_A2_C05		ZM_0103_A2_C05_MR
5824	ZM_0103_A2_C06	ZM_0103_A2_C06_T7C	
5825	ZM_0103_A2_C07		ZM_0103_A2_C07_MR
5826	ZM_0103_A2_C09	ZM_0103_A2_C09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5827	ZM_0103_A2_C10	ZM_0103_A2_C10_T7C	
5828	ZM_0103_A2_C10		ZM_0103_A2_C10_MR
5829	ZM_0103_A2_C12	ZM_0103_A2_C12_T7C	
5830	ZM_0103_A2_D01	ZM_0103_A2_D01_T7C	
5831	ZM_0103_A2_D02	ZM_0103_A2_D02_T7C	
5832	ZM_0103_A2_D02		ZM_0103_A2_D02_MR
5833	ZM_0103_A2_D03	ZM_0103_A2_D03_T7C	
5834	ZM_0103_A2_D03		ZM_0103_A2_D03_MR
5835	ZM_0103_A2_D04	ZM_0103_A2_D04_T7C	
5836	ZM_0103_A2_D04		ZM_0103_A2_D04_MR
5837	ZM_0103_A2_D05	ZM_0103_A2_D05_T7C	
5838	ZM_0103_A2_D06	ZM_0103_A2_D06_T7C	
5839	ZM_0103_A2_D07		ZM_0103_A2_D07_MR
5840	ZM_0103_A2_D08	ZM_0103_A2_D08_T7C	
5841	ZM_0103_A2_D09	ZM_0103_A2_D09_T7C	
5842	ZM_0103_A2_D10	ZM_0103_A2_D10_T7C	
5843	ZM_0103_A2_D10		ZM_0103_A2_D10_MR
5844	ZM_0103_A2_D11	ZM_0103_A2_D11_T7C	
5845	ZM_0103_A2_D12	ZM_0103_A2_D12_T7C	
5846	ZM_0103_A2_E01	ZM_0103_A2_E01_T7C	
5847	ZM_0103_A2_E03	ZM_0103_A2_E03_T7C	
5848	ZM_0103_A2_E04	ZM_0103_A2_E04_T7C	
5849	ZM_0103_A2_E05	ZM_0103_A2_E05_T7C	
5850	ZM_0103_A2_E07	ZM_0103_A2_E07_T7C	
5851	ZM_0103_A2_E07		ZM_0103_A2_E07_MR
5852	ZM_0103_A2_E08	ZM_0103_A2_E08_T7C	
5853	ZM_0103_A2_E09	ZM_0103_A2_E09_T7C	
5854	ZM_0103_A2_E10	ZM_0103_A2_E10_T7C	
5855	ZM_0103_A2_E11	ZM_0103_A2_E11_T7C	
5856	ZM_0103_A2_E12	ZM_0103_A2_E12_T7C	
5857	ZM_0103_A2_F01	ZM_0103_A2_F01_T7C	
5858	ZM_0103_A2_F01		ZM_0103_A2_F01_MR
5859	ZM_0103_A2_F02	ZM_0103_A2_F02_T7C	
5860	ZM_0103_A2_F03	ZM_0103_A2_F03_T7C	
5861	ZM_0103_A2_F04	ZM_0103_A2_F04_T7C	
5862	ZM_0103_A2_F04		ZM_0103_A2_F04_MR
5863	ZM_0103_A2_F05	ZM_0103_A2_F05_T7C	
5864	ZM_0103_A2_F05		ZM_0103_A2_F05_MR
5865	ZM_0103_A2_F06	ZM_0103_A2_F06_T7C	
5866	ZM_0103_A2_F07	ZM_0103_A2_F07_T7C	
5867	ZM_0103_A2_F08	ZM_0103_A2_F08_T7C	
5868	ZM_0103_A2_F09	ZM_0103_A2_F09_T7C	
5869	ZM_0103_A2_F10	ZM_0103_A2_F10_T7C	
5870	ZM_0103_A2_F10		ZM_0103_A2_F10_MR
5871	ZM_0103_A2_F11	ZM_0103_A2_F11_T7C	
5872	ZM_0103_A2_F12	ZM_0103_A2_F12_T7C	
5873	ZM_0103_A2_G01	ZM_0103_A2_G01_T7C	
5874	ZM_0103_A2_G01		ZM_0103_A2_G01_MR
5875	ZM_0103_A2_G02	ZM_0103_A2_G02_T7C	
5876	ZM_0103_A2_G02		ZM_0103_A2_G02_MR
5877	ZM_0103_A2_G03	ZM_0103_A2_G03_T7C	
5878	ZM_0103_A2_G03		ZM_0103_A2_G03_MR
5879	ZM_0103_A2_G04	ZM_0103_A2_G04_T7C	
5880	ZM_0103_A2_G04		ZM_0103_A2_G04_MR
5881	ZM_0103_A2_G05	ZM_0103_A2_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5882	ZM_0103_A2_G07	ZM_0103_A2_G07_T7C	
5883	ZM_0103_A2_G07		ZM_0103_A2_G07_MR
5884	ZM_0103_A2_G09	ZM_0103_A2_G09_T7C	
5885	ZM_0103_A2_G09		ZM_0103_A2_G09_MR
5886	ZM_0103_A2_G10	ZM_0103_A2_G10_T7C	
5887	ZM_0103_A2_G11	ZM_0103_A2_G11_T7C	
5888	ZM_0103_A2_G12	ZM_0103_A2_G12_T7C	
5889	ZM_0103_A2_H01	ZM_0103_A2_H01_T7C	
5890	ZM_0103_A2_H01		ZM_0103_A2_H01_MR
5891	ZM_0103_A2_H02		ZM_0103_A2_H02_MR
5892	ZM_0103_A2_H03	ZM_0103_A2_H03_T7C	
5893	ZM_0103_A2_H04	ZM_0103_A2_H04_T7C	
5894	ZM_0103_A2_H05	ZM_0103_A2_H05_T7C	
5895	ZM_0103_A2_H05		ZM_0103_A2_H05_MR
5896	ZM_0103_A2_H06	ZM_0103_A2_H06_T7C	
5897	ZM_0103_A2_H06		ZM_0103_A2_H06_MR
5898	ZM_0103_A2_H07	ZM_0103_A2_H07_T7C	
5899	ZM_0103_A2_H07		ZM_0103_A2_H07_MR
5900	ZM_0103_A2_H08	ZM_0103_A2_H08_T7C	
5901	ZM_0103_A2_H08		ZM_0103_A2_H08_MR
5902	ZM_0103_A2_H09	ZM_0103_A2_H09_T7C	
5903	ZM_0103_A2_H09		ZM_0103_A2_H09_MR
5904	ZM_0103_A2_H10	ZM_0103_A2_H10_T7C	
5905	ZM_0103_A2_H11	ZM_0103_A2_H11_T7C	
5906	ZM_0103_A2_H12	ZM_0103_A2_H12_T7C	
5907	ZM_0103_A2_H12		ZM_0103_A2_H12_MR
5908	ZM_0104_A1_A01	ZM_0104_A1_A01_T7C	
5909	ZM_0104_A1_A01		ZM_0104_A1_A01_MR
5910	ZM_0104_A1_A02	ZM_0104_A1_A02_T7C	
5911	ZM_0104_A1_A03	ZM_0104_A1_A03_T7C	
5912	ZM_0104_A1_A03		ZM_0104_A1_A03_MR
5913	ZM_0104_A1_A04	ZM_0104_A1_A04_T7C	
5914	ZM_0104_A1_A04		ZM_0104_A1_A04_MR
5915	ZM_0104_A1_A05	ZM_0104_A1_A05_T7C	
5916	ZM_0104_A1_A05		ZM_0104_A1_A05_MR
5917	ZM_0104_A1_A06	ZM_0104_A1_A06_T7C	
5918	ZM_0104_A1_A06		ZM_0104_A1_A06_MR
5919	ZM_0104_A1_A07	ZM_0104_A1_A07_T7C	
5920	ZM_0104_A1_A07		ZM_0104_A1_A07_MR
5921	ZM_0104_A1_A08	ZM_0104_A1_A08_T7C	
5922	ZM_0104_A1_A08		ZM_0104_A1_A08_MR
5923	ZM_0104_A1_A09	ZM_0104_A1_A09_T7C	
5924	ZM_0104_A1_A09		ZM_0104_A1_A09_MR
5925	ZM_0104_A1_A10	ZM_0104_A1_A10_T7C	
5926	ZM_0104_A1_A10		ZM_0104_A1_A10_MR
5927	ZM_0104_A1_A11	ZM_0104_A1_A11_T7C	
5928	ZM_0104_A1_A12	ZM_0104_A1_A12_T7C	
5929	ZM_0104_A1_A12		ZM_0104_A1_A12_MR
5930	ZM_0104_A1_B01		ZM_0104_A1_B01_MR
5931	ZM_0104_A1_B02		ZM_0104_A1_B02_MR
5932	ZM_0104_A1_B03		ZM_0104_A1_B03_MR
5933	ZM_0104_A1_B04	ZM_0104_A1_B04_T7C	
5934	ZM_0104_A1_B04		ZM_0104_A1_B04_MR
5935	ZM_0104_A1_B05	ZM_0104_A1_B05_T7C	
5936	ZM_0104_A1_B05		ZM_0104_A1_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5937	ZM_0104_A1_B06	ZM_0104_A1_B06_T7C	ZM_0104_A1_B06_MR
5938	ZM_0104_A1_B06		
5939	ZM_0104_A1_B07	ZM_0104_A1_B07_T7C	ZM_0104_A1_B07_MR
5940	ZM_0104_A1_B07		
5941	ZM_0104_A1_B08	ZM_0104_A1_B08_T7C	ZM_0104_A1_B08_MR
5942	ZM_0104_A1_B08		
5943	ZM_0104_A1_B09	ZM_0104_A1_B09_T7C	ZM_0104_A1_B09_MR
5944	ZM_0104_A1_B09		
5945	ZM_0104_A1_B10	ZM_0104_A1_B10_T7C	ZM_0104_A1_B10_MR
5946	ZM_0104_A1_B10		
5947	ZM_0104_A1_B11	ZM_0104_A1_B11_T7C	ZM_0104_A1_B11_MR
5948	ZM_0104_A1_B11		
5949	ZM_0104_A1_B12		ZM_0104_A1_B12_MR
5950	ZM_0104_A1_C01	ZM_0104_A1_C01_T7C	ZM_0104_A1_C01_MR
5951	ZM_0104_A1_C01		
5952	ZM_0104_A1_C02		ZM_0104_A1_C02_MR
5953	ZM_0104_A1_C03	ZM_0104_A1_C03_T7C	ZM_0104_A1_C03_MR
5954	ZM_0104_A1_C03		
5955	ZM_0104_A1_C04	ZM_0104_A1_C04_T7C	ZM_0104_A1_C04_MR
5956	ZM_0104_A1_C04		
5957	ZM_0104_A1_C05		ZM_0104_A1_C05_MR
5958	ZM_0104_A1_C06	ZM_0104_A1_C06_T7C	ZM_0104_A1_C06_MR
5959	ZM_0104_A1_C06		
5960	ZM_0104_A1_C07	ZM_0104_A1_C07_T7C	ZM_0104_A1_C07_MR
5961	ZM_0104_A1_C07		
5962	ZM_0104_A1_C08	ZM_0104_A1_C08_T7C	ZM_0104_A1_C08_MR
5963	ZM_0104_A1_C08		
5964	ZM_0104_A1_C09	ZM_0104_A1_C09_T7C	ZM_0104_A1_C09_MR
5965	ZM_0104_A1_C09		
5966	ZM_0104_A1_C10	ZM_0104_A1_C10_T7C	ZM_0104_A1_C10_MR
5967	ZM_0104_A1_C10		
5968	ZM_0104_A1_C11	ZM_0104_A1_C11_T7C	ZM_0104_A1_C11_MR
5969	ZM_0104_A1_C11		
5970	ZM_0104_A1_C12	ZM_0104_A1_C12_T7C	ZM_0104_A1_C12_MR
5971	ZM_0104_A1_C12		
5972	ZM_0104_A1_D01	ZM_0104_A1_D01_T7C	ZM_0104_A1_D01_MR
5973	ZM_0104_A1_D01		
5974	ZM_0104_A1_D02	ZM_0104_A1_D02_T7C	ZM_0104_A1_D02_MR
5975	ZM_0104_A1_D02		
5976	ZM_0104_A1_D03	ZM_0104_A1_D03_T7C	ZM_0104_A1_D03_MR
5977	ZM_0104_A1_D03		
5978	ZM_0104_A1_D04	ZM_0104_A1_D04_T7C	ZM_0104_A1_D04_MR
5979	ZM_0104_A1_D04		
5980	ZM_0104_A1_D05	ZM_0104_A1_D05_T7C	ZM_0104_A1_D05_MR
5981	ZM_0104_A1_D05		
5982	ZM_0104_A1_D06	ZM_0104_A1_D06_T7C	ZM_0104_A1_D06_MR
5983	ZM_0104_A1_D06		
5984	ZM_0104_A1_D07		ZM_0104_A1_D07_MR
5985	ZM_0104_A1_D08	ZM_0104_A1_D08_T7C	ZM_0104_A1_D08_MR
5986	ZM_0104_A1_D08		
5987	ZM_0104_A1_D09	ZM_0104_A1_D09_T7C	ZM_0104_A1_D09_MR
5988	ZM_0104_A1_D09		
5989	ZM_0104_A1_D10	ZM_0104_A1_D10_T7C	ZM_0104_A1_D10_MR
5990	ZM_0104_A1_D10		
5991	ZM_0104_A1_D11	ZM_0104_A1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
5992	ZM_0104_A1_D11		ZM_0104_A1_D11_MR
5993	ZM_0104_A1_D12	ZM_0104_A1_D12_T7C	
5994	ZM_0104_A1_D12		ZM_0104_A1_D12_MR
5995	ZM_0104_A1_E01	ZM_0104_A1_E01_T7C	
5996	ZM_0104_A1_E01		ZM_0104_A1_E01_MR
5997	ZM_0104_A1_E02	ZM_0104_A1_E02_T7C	
5998	ZM_0104_A1_E02		ZM_0104_A1_E02_MR
5999	ZM_0104_A1_E03	ZM_0104_A1_E03_T7C	
6000	ZM_0104_A1_E03		ZM_0104_A1_E03_MR
6001	ZM_0104_A1_E04	ZM_0104_A1_E04_T7C	
6002	ZM_0104_A1_E04		ZM_0104_A1_E04_MR
6003	ZM_0104_A1_E05	ZM_0104_A1_E05_T7C	
6004	ZM_0104_A1_E05		ZM_0104_A1_E05_MR
6005	ZM_0104_A1_E06	ZM_0104_A1_E06_T7C	
6006	ZM_0104_A1_E06		ZM_0104_A1_E06_MR
6007	ZM_0104_A1_E07	ZM_0104_A1_E07_T7C	
6008	ZM_0104_A1_E07		ZM_0104_A1_E07_MR
6009	ZM_0104_A1_E08	ZM_0104_A1_E08_T7C	
6010	ZM_0104_A1_E08		ZM_0104_A1_E08_MR
6011	ZM_0104_A1_E10	ZM_0104_A1_E10_T7C	
6012	ZM_0104_A1_E10		ZM_0104_A1_E10_MR
6013	ZM_0104_A1_E11	ZM_0104_A1_E11_T7C	
6014	ZM_0104_A1_E11		ZM_0104_A1_E11_MR
6015	ZM_0104_A1_E12	ZM_0104_A1_E12_T7C	
6016	ZM_0104_A1_E12		ZM_0104_A1_E12_MR
6017	ZM_0104_A1_F01	ZM_0104_A1_F01_T7C	
6018	ZM_0104_A1_F01		ZM_0104_A1_F01_MR
6019	ZM_0104_A1_F02		ZM_0104_A1_F02_MR
6020	ZM_0104_A1_F03		ZM_0104_A1_F03_MR
6021	ZM_0104_A1_F04		ZM_0104_A1_F04_MR
6022	ZM_0104_A1_F05	ZM_0104_A1_F05_T7C	
6023	ZM_0104_A1_F05		ZM_0104_A1_F05_MR
6024	ZM_0104_A1_F06	ZM_0104_A1_F06_T7C	
6025	ZM_0104_A1_F06		ZM_0104_A1_F06_MR
6026	ZM_0104_A1_F07	ZM_0104_A1_F07_T7C	
6027	ZM_0104_A1_F07		ZM_0104_A1_F07_MR
6028	ZM_0104_A1_F08	ZM_0104_A1_F08_T7C	
6029	ZM_0104_A1_F08		ZM_0104_A1_F08_MR
6030	ZM_0104_A1_F09	ZM_0104_A1_F09_T7C	
6031	ZM_0104_A1_F09		ZM_0104_A1_F09_MR
6032	ZM_0104_A1_F10	ZM_0104_A1_F10_T7C	
6033	ZM_0104_A1_F10		ZM_0104_A1_F10_MR
6034	ZM_0104_A1_F11	ZM_0104_A1_F11_T7C	
6035	ZM_0104_A1_F11		ZM_0104_A1_F11_MR
6036	ZM_0104_A1_F12	ZM_0104_A1_F12_T7C	
6037	ZM_0104_A1_F12		ZM_0104_A1_F12_MR
6038	ZM_0104_A1_G01	ZM_0104_A1_G01_T7C	
6039	ZM_0104_A1_G01		ZM_0104_A1_G01_MR
6040	ZM_0104_A1_G02	ZM_0104_A1_G02_T7C	
6041	ZM_0104_A1_G02		ZM_0104_A1_G02_MR
6042	ZM_0104_A1_G03	ZM_0104_A1_G03_T7C	
6043	ZM_0104_A1_G03		ZM_0104_A1_G03_MR
6044	ZM_0104_A1_G04	ZM_0104_A1_G04_T7C	
6045	ZM_0104_A1_G04		ZM_0104_A1_G04_MR
6046	ZM_0104_A1_G05	ZM_0104_A1_G05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6047	ZM_0104_A1_G05		ZM_0104_A1_G05_MR
6048	ZM_0104_A1_G06	ZM_0104_A1_G06_T7C	
6049	ZM_0104_A1_G06		ZM_0104_A1_G06_MR
6050	ZM_0104_A1_G07	ZM_0104_A1_G07_T7C	
6051	ZM_0104_A1_G07		ZM_0104_A1_G07_MR
6052	ZM_0104_A1_G09	ZM_0104_A1_G09_T7C	
6053	ZM_0104_A1_G09		ZM_0104_A1_G09_MR
6054	ZM_0104_A1_G10	ZM_0104_A1_G10_T7C	
6055	ZM_0104_A1_G10		ZM_0104_A1_G10_MR
6056	ZM_0104_A1_G12	ZM_0104_A1_G12_T7C	
6057	ZM_0104_A1_G12		ZM_0104_A1_G12_MR
6058	ZM_0104_A1_H01	ZM_0104_A1_H01_T7C	
6059	ZM_0104_A1_H01		ZM_0104_A1_H01_MR
6060	ZM_0104_A1_H02	ZM_0104_A1_H02_T7C	
6061	ZM_0104_A1_H03	ZM_0104_A1_H03_T7C	
6062	ZM_0104_A1_H03		ZM_0104_A1_H03_MR
6063	ZM_0104_A1_H04	ZM_0104_A1_H04_T7C	
6064	ZM_0104_A1_H04		ZM_0104_A1_H04_MR
6065	ZM_0104_A1_H05	ZM_0104_A1_H05_T7C	
6066	ZM_0104_A1_H05		ZM_0104_A1_H05_MR
6067	ZM_0104_A1_H06	ZM_0104_A1_H06_T7C	
6068	ZM_0104_A1_H06		ZM_0104_A1_H06_MR
6069	ZM_0104_A1_H07	ZM_0104_A1_H07_T7C	
6070	ZM_0104_A1_H07		ZM_0104_A1_H07_MR
6071	ZM_0104_A1_H08	ZM_0104_A1_H08_T7C	
6072	ZM_0104_A1_H08		ZM_0104_A1_H08_MR
6073	ZM_0104_A1_H09	ZM_0104_A1_H09_T7C	
6074	ZM_0104_A1_H09		ZM_0104_A1_H09_MR
6075	ZM_0104_A1_H10	ZM_0104_A1_H10_T7C	
6076	ZM_0104_A1_H10		ZM_0104_A1_H10_MR
6077	ZM_0104_A1_H11	ZM_0104_A1_H11_T7C	
6078	ZM_0104_A1_H11		ZM_0104_A1_H11_MR
6079	ZM_0104_A1_H12	ZM_0104_A1_H12_T7C	
6080	ZM_0104_A1_H12		ZM_0104_A1_H12_MR
6081	ZM_0104_A2_A05	ZM_0104_A2_A05_T7C	
6082	ZM_0104_A2_A06	ZM_0104_A2_A06_T7C	
6083	ZM_0104_A2_A07	ZM_0104_A2_A07_T7C	
6084	ZM_0104_A2_A08	ZM_0104_A2_A08_T7C	
6085	ZM_0104_A2_A09	ZM_0104_A2_A09_T7C	
6086	ZM_0104_A2_A10	ZM_0104_A2_A10_T7C	
6087	ZM_0104_A2_A11	ZM_0104_A2_A11_T7C	
6088	ZM_0104_A2_B04	ZM_0104_A2_B04_T7C	
6089	ZM_0104_A2_B05	ZM_0104_A2_B05_T7C	
6090	ZM_0104_A2_B06	ZM_0104_A2_B06_T7C	
6091	ZM_0104_A2_B07	ZM_0104_A2_B07_T7C	
6092	ZM_0104_A2_B08	ZM_0104_A2_B08_T7C	
6093	ZM_0104_A2_B09	ZM_0104_A2_B09_T7C	
6094	ZM_0104_A2_B10	ZM_0104_A2_B10_T7C	
6095	ZM_0104_A2_B11	ZM_0104_A2_B11_T7C	
6096	ZM_0104_A2_B12	ZM_0104_A2_B12_T7C	
6097	ZM_0104_A2_C01	ZM_0104_A2_C01_T7C	
6098	ZM_0104_A2_C02	ZM_0104_A2_C02_T7C	
6099	ZM_0104_A2_C04	ZM_0104_A2_C04_T7C	
6100	ZM_0104_A2_C05	ZM_0104_A2_C05_T7C	
6101	ZM_0104_A2_C06	ZM_0104_A2_C06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6102	ZM_0104_A2_C07	ZM_0104_A2_C07_T7C	
6103	ZM_0104_A2_C08	ZM_0104_A2_C08_T7C	
6104	ZM_0104_A2_C09	ZM_0104_A2_C09_T7C	
6105	ZM_0104_A2_C10	ZM_0104_A2_C10_T7C	
6106	ZM_0104_A2_C11	ZM_0104_A2_C11_T7C	
6107	ZM_0104_A2_C12	ZM_0104_A2_C12_T7C	
6108	ZM_0104_A2_D01	ZM_0104_A2_D01_T7C	
6109	ZM_0104_A2_D04	ZM_0104_A2_D04_T7C	
6110	ZM_0104_A2_D07	ZM_0104_A2_D07_T7C	
6111	ZM_0104_A2_D08	ZM_0104_A2_D08_T7C	
6112	ZM_0104_A2_D09	ZM_0104_A2_D09_T7C	
6113	ZM_0104_A2_D10	ZM_0104_A2_D10_T7C	
6114	ZM_0104_A2_D11	ZM_0104_A2_D11_T7C	
6115	ZM_0104_A2_D12	ZM_0104_A2_D12_T7C	
6116	ZM_0104_A2_E04	ZM_0104_A2_E04_T7C	
6117	ZM_0104_A2_E05	ZM_0104_A2_E05_T7C	
6118	ZM_0104_A2_E06	ZM_0104_A2_E06_T7C	
6119	ZM_0104_A2_E07	ZM_0104_A2_E07_T7C	
6120	ZM_0104_A2_E08	ZM_0104_A2_E08_T7C	
6121	ZM_0104_A2_E10	ZM_0104_A2_E10_T7C	
6122	ZM_0104_A2_E11	ZM_0104_A2_E11_T7C	
6123	ZM_0104_A2_E12	ZM_0104_A2_E12_T7C	
6124	ZM_0104_A2_F02	ZM_0104_A2_F02_T7C	
6125	ZM_0104_A2_F04	ZM_0104_A2_F04_T7C	
6126	ZM_0104_A2_F06	ZM_0104_A2_F06_T7C	
6127	ZM_0104_A2_F07	ZM_0104_A2_F07_T7C	
6128	ZM_0104_A2_F08	ZM_0104_A2_F08_T7C	
6129	ZM_0104_A2_F09	ZM_0104_A2_F09_T7C	
6130	ZM_0104_A2_F10	ZM_0104_A2_F10_T7C	
6131	ZM_0104_A2_F11	ZM_0104_A2_F11_T7C	
6132	ZM_0104_A2_G01	ZM_0104_A2_G01_T7C	
6133	ZM_0104_A2_G04	ZM_0104_A2_G04_T7C	
6134	ZM_0104_A2_G05	ZM_0104_A2_G05_T7C	
6135	ZM_0104_A2_G06	ZM_0104_A2_G06_T7C	
6136	ZM_0104_A2_G07	ZM_0104_A2_G07_T7C	
6137	ZM_0104_A2_G08	ZM_0104_A2_G08_T7C	
6138	ZM_0104_A2_G09	ZM_0104_A2_G09_T7C	
6139	ZM_0104_A2_G10	ZM_0104_A2_G10_T7C	
6140	ZM_0104_A2_G11	ZM_0104_A2_G11_T7C	
6141	ZM_0104_A2_G12	ZM_0104_A2_G12_T7C	
6142	ZM_0104_A2_H01	ZM_0104_A2_H01_T7C	
6143	ZM_0104_A2_H04	ZM_0104_A2_H04_T7C	
6144	ZM_0104_A2_H05	ZM_0104_A2_H05_T7C	
6145	ZM_0104_A2_H06	ZM_0104_A2_H06_T7C	
6146	ZM_0104_A2_H07	ZM_0104_A2_H07_T7C	
6147	ZM_0104_A2_H08	ZM_0104_A2_H08_T7C	
6148	ZM_0104_A2_H10	ZM_0104_A2_H10_T7C	
6149	ZM_0105_A1_A01	ZM_0105_A1_A01_T7C	
6150	ZM_0105_A1_A02	ZM_0105_A1_A02_T7C	
6151	ZM_0105_A1_A04	ZM_0105_A1_A04_T7C	
6152	ZM_0105_A1_A06	ZM_0105_A1_A06_T7C	
6153	ZM_0105_A1_A07	ZM_0105_A1_A07_T7C	
6154	ZM_0105_A1_A08	ZM_0105_A1_A08_T7C	
6155	ZM_0105_A1_A09	ZM_0105_A1_A09_T7C	
6156	ZM_0105_A1_A10	ZM_0105_A1_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6157	ZM_0105_A1_A11	ZM_0105_A1_A11_T7C	
6158	ZM_0105_A1_A12	ZM_0105_A1_A12_T7C	
6159	ZM_0105_A1_B01	ZM_0105_A1_B01_T7C	
6160	ZM_0105_A1_B02	ZM_0105_A1_B02_T7C	
6161	ZM_0105_A1_B03	ZM_0105_A1_B03_T7C	
6162	ZM_0105_A1_B04	ZM_0105_A1_B04_T7C	
6163	ZM_0105_A1_B05	ZM_0105_A1_B05_T7C	
6164	ZM_0105_A1_B06	ZM_0105_A1_B06_T7C	
6165	ZM_0105_A1_B07	ZM_0105_A1_B07_T7C	
6166	ZM_0105_A1_B08	ZM_0105_A1_B08_T7C	
6167	ZM_0105_A1_B09	ZM_0105_A1_B09_T7C	
6168	ZM_0105_A1_B10	ZM_0105_A1_B10_T7C	
6169	ZM_0105_A1_B11	ZM_0105_A1_B11_T7C	
6170	ZM_0105_A1_B12	ZM_0105_A1_B12_T7C	
6171	ZM_0105_A1_C01	ZM_0105_A1_C01_T7C	
6172	ZM_0105_A1_C02	ZM_0105_A1_C02_T7C	
6173	ZM_0105_A1_C03	ZM_0105_A1_C03_T7C	
6174	ZM_0105_A1_C04	ZM_0105_A1_C04_T7C	
6175	ZM_0105_A1_C05	ZM_0105_A1_C05_T7C	
6176	ZM_0105_A1_C06	ZM_0105_A1_C06_T7C	
6177	ZM_0105_A1_C07	ZM_0105_A1_C07_T7C	
6178	ZM_0105_A1_C08	ZM_0105_A1_C08_T7C	
6179	ZM_0105_A1_C09	ZM_0105_A1_C09_T7C	
6180	ZM_0105_A1_C10	ZM_0105_A1_C10_T7C	
6181	ZM_0105_A1_C11	ZM_0105_A1_C11_T7C	
6182	ZM_0105_A1_C12	ZM_0105_A1_C12_T7C	
6183	ZM_0105_A1_D01	ZM_0105_A1_D01_T7C	
6184	ZM_0105_A1_D02	ZM_0105_A1_D02_T7C	
6185	ZM_0105_A1_D03	ZM_0105_A1_D03_T7C	
6186	ZM_0105_A1_D04	ZM_0105_A1_D04_T7C	
6187	ZM_0105_A1_D05	ZM_0105_A1_D05_T7C	
6188	ZM_0105_A1_D07	ZM_0105_A1_D07_T7C	
6189	ZM_0105_A1_D08	ZM_0105_A1_D08_T7C	
6190	ZM_0105_A1_D10	ZM_0105_A1_D10_T7C	
6191	ZM_0105_A1_D11	ZM_0105_A1_D11_T7C	
6192	ZM_0105_A1_D12	ZM_0105_A1_D12_T7C	
6193	ZM_0105_A1_E01	ZM_0105_A1_E01_T7C	
6194	ZM_0105_A1_E02	ZM_0105_A1_E02_T7C	
6195	ZM_0105_A1_E03	ZM_0105_A1_E03_T7C	
6196	ZM_0105_A1_E04	ZM_0105_A1_E04_T7C	
6197	ZM_0105_A1_E05	ZM_0105_A1_E05_T7C	
6198	ZM_0105_A1_E06	ZM_0105_A1_E06_T7C	
6199	ZM_0105_A1_E07	ZM_0105_A1_E07_T7C	
6200	ZM_0105_A1_E08	ZM_0105_A1_E08_T7C	
6201	ZM_0105_A1_E09	ZM_0105_A1_E09_T7C	
6202	ZM_0105_A1_E10	ZM_0105_A1_E10_T7C	
6203	ZM_0105_A1_E11	ZM_0105_A1_E11_T7C	
6204	ZM_0105_A1_E12	ZM_0105_A1_E12_T7C	
6205	ZM_0105_A1_F01	ZM_0105_A1_F01_T7C	
6206	ZM_0105_A1_F02	ZM_0105_A1_F02_T7C	
6207	ZM_0105_A1_F05	ZM_0105_A1_F05_T7C	
6208	ZM_0105_A1_F07	ZM_0105_A1_F07_T7C	
6209	ZM_0105_A1_F08	ZM_0105_A1_F08_T7C	
6210	ZM_0105_A1_F09	ZM_0105_A1_F09_T7C	
6211	ZM_0105_A1_F10	ZM_0105_A1_F10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6212	ZM_0105_A1_F11	ZM_0105_A1_F11_T7C	
6213	ZM_0105_A1_F12	ZM_0105_A1_F12_T7C	
6214	ZM_0105_A1_G01	ZM_0105_A1_G01_T7C	
6215	ZM_0105_A1_G02	ZM_0105_A1_G02_T7C	
6216	ZM_0105_A1_G03	ZM_0105_A1_G03_T7C	
6217	ZM_0105_A1_G05	ZM_0105_A1_G05_T7C	
6218	ZM_0105_A1_G06	ZM_0105_A1_G06_T7C	
6219	ZM_0105_A1_G07	ZM_0105_A1_G07_T7C	
6220	ZM_0105_A1_G08	ZM_0105_A1_G08_T7C	
6221	ZM_0105_A1_G09	ZM_0105_A1_G09_T7C	
6222	ZM_0105_A1_G10	ZM_0105_A1_G10_T7C	
6223	ZM_0105_A1_G11	ZM_0105_A1_G11_T7C	
6224	ZM_0105_A1_G12	ZM_0105_A1_G12_T7C	
6225	ZM_0105_A1_H01	ZM_0105_A1_H01_T7C	
6226	ZM_0105_A1_H02	ZM_0105_A1_H02_T7C	
6227	ZM_0105_A1_H03	ZM_0105_A1_H03_T7C	
6228	ZM_0105_A1_H04	ZM_0105_A1_H04_T7C	
6229	ZM_0105_A1_H05	ZM_0105_A1_H05_T7C	
6230	ZM_0105_A1_H06	ZM_0105_A1_H06_T7C	
6231	ZM_0105_A1_H07	ZM_0105_A1_H07_T7C	
6232	ZM_0105_A1_H08	ZM_0105_A1_H08_T7C	
6233	ZM_0105_A1_H09	ZM_0105_A1_H09_T7C	
6234	ZM_0105_A1_H10	ZM_0105_A1_H10_T7C	
6235	ZM_0105_A1_H11	ZM_0105_A1_H11_T7C	
6236	ZM_0105_A2_A01	ZM_0105_A2_A01_T7C	
6237	ZM_0105_A2_A01		ZM_0105_A2_A01_MR
6238	ZM_0105_A2_A02	ZM_0105_A2_A02_T7C	
6239	ZM_0105_A2_A02		ZM_0105_A2_A02_MR
6240	ZM_0105_A2_A03	ZM_0105_A2_A03_T7C	
6241	ZM_0105_A2_A03		ZM_0105_A2_A03_MR
6242	ZM_0105_A2_A04	ZM_0105_A2_A04_T7C	
6243	ZM_0105_A2_A04		ZM_0105_A2_A04_MR
6244	ZM_0105_A2_A05	ZM_0105_A2_A05_T7C	
6245	ZM_0105_A2_A05		ZM_0105_A2_A05_MR
6246	ZM_0105_A2_A06	ZM_0105_A2_A06_T7C	
6247	ZM_0105_A2_A06		ZM_0105_A2_A06_MR
6248	ZM_0105_A2_A07	ZM_0105_A2_A07_T7C	
6249	ZM_0105_A2_A07		ZM_0105_A2_A07_MR
6250	ZM_0105_A2_A08	ZM_0105_A2_A08_T7C	
6251	ZM_0105_A2_A08		ZM_0105_A2_A08_MR
6252	ZM_0105_A2_A09	ZM_0105_A2_A09_T7C	
6253	ZM_0105_A2_A09		ZM_0105_A2_A09_MR
6254	ZM_0105_A2_A10	ZM_0105_A2_A10_T7C	
6255	ZM_0105_A2_A10		ZM_0105_A2_A10_MR
6256	ZM_0105_A2_A11	ZM_0105_A2_A11_T7C	
6257	ZM_0105_A2_A11		ZM_0105_A2_A11_MR
6258	ZM_0105_A2_B01	ZM_0105_A2_B01_T7C	
6259	ZM_0105_A2_B01		ZM_0105_A2_B01_MR
6260	ZM_0105_A2_B02	ZM_0105_A2_B02_T7C	
6261	ZM_0105_A2_B02		ZM_0105_A2_B02_MR
6262	ZM_0105_A2_B03	ZM_0105_A2_B03_T7C	
6263	ZM_0105_A2_B03		ZM_0105_A2_B03_MR
6264	ZM_0105_A2_B04	ZM_0105_A2_B04_T7C	
6265	ZM_0105_A2_B04		ZM_0105_A2_B04_MR
6266	ZM_0105_A2_B05	ZM_0105_A2_B05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6267	ZM_0105_A2_B05		ZM_0105_A2_B05_MR
6268	ZM_0105_A2_B06	ZM_0105_A2_B06_T7C	
6269	ZM_0105_A2_B06		ZM_0105_A2_B06_MR
6270	ZM_0105_A2_B07	ZM_0105_A2_B07_T7C	
6271	ZM_0105_A2_B07		ZM_0105_A2_B07_MR
6272	ZM_0105_A2_B08	ZM_0105_A2_B08_T7C	
6273	ZM_0105_A2_B08		ZM_0105_A2_B08_MR
6274	ZM_0105_A2_B09	ZM_0105_A2_B09_T7C	
6275	ZM_0105_A2_B09		ZM_0105_A2_B09_MR
6276	ZM_0105_A2_B10	ZM_0105_A2_B10_T7C	
6277	ZM_0105_A2_B10		ZM_0105_A2_B10_MR
6278	ZM_0105_A2_B11	ZM_0105_A2_B11_T7C	
6279	ZM_0105_A2_B11		ZM_0105_A2_B11_MR
6280	ZM_0105_A2_B12	ZM_0105_A2_B12_T7C	
6281	ZM_0105_A2_B12		ZM_0105_A2_B12_MR
6282	ZM_0105_A2_C01	ZM_0105_A2_C01_T7C	
6283	ZM_0105_A2_C01		ZM_0105_A2_C01_MR
6284	ZM_0105_A2_C02	ZM_0105_A2_C02_T7C	
6285	ZM_0105_A2_C03	ZM_0105_A2_C03_T7C	
6286	ZM_0105_A2_C03		ZM_0105_A2_C03_MR
6287	ZM_0105_A2_C04	ZM_0105_A2_C04_T7C	
6288	ZM_0105_A2_C04		ZM_0105_A2_C04_MR
6289	ZM_0105_A2_C05	ZM_0105_A2_C05_T7C	
6290	ZM_0105_A2_C05		ZM_0105_A2_C05_MR
6291	ZM_0105_A2_C06	ZM_0105_A2_C06_T7C	
6292	ZM_0105_A2_C06		ZM_0105_A2_C06_MR
6293	ZM_0105_A2_C07	ZM_0105_A2_C07_T7C	
6294	ZM_0105_A2_C07		ZM_0105_A2_C07_MR
6295	ZM_0105_A2_C08	ZM_0105_A2_C08_T7C	
6296	ZM_0105_A2_C08		ZM_0105_A2_C08_MR
6297	ZM_0105_A2_C09	ZM_0105_A2_C09_T7C	
6298	ZM_0105_A2_C09		ZM_0105_A2_C09_MR
6299	ZM_0105_A2_C10	ZM_0105_A2_C10_T7C	
6300	ZM_0105_A2_C10		ZM_0105_A2_C10_MR
6301	ZM_0105_A2_C11	ZM_0105_A2_C11_T7C	
6302	ZM_0105_A2_C11		ZM_0105_A2_C11_MR
6303	ZM_0105_A2_C12		ZM_0105_A2_C12_MR
6304	ZM_0105_A2_D01		ZM_0105_A2_D01_MR
6305	ZM_0105_A2_D02	ZM_0105_A2_D02_T7C	
6306	ZM_0105_A2_D02		ZM_0105_A2_D02_MR
6307	ZM_0105_A2_D03	ZM_0105_A2_D03_T7C	
6308	ZM_0105_A2_D03		ZM_0105_A2_D03_MR
6309	ZM_0105_A2_D04	ZM_0105_A2_D04_T7C	
6310	ZM_0105_A2_D04		ZM_0105_A2_D04_MR
6311	ZM_0105_A2_D05	ZM_0105_A2_D05_T7C	
6312	ZM_0105_A2_D05		ZM_0105_A2_D05_MR
6313	ZM_0105_A2_D06	ZM_0105_A2_D06_T7C	
6314	ZM_0105_A2_D06		ZM_0105_A2_D06_MR
6315	ZM_0105_A2_D07	ZM_0105_A2_D07_T7C	
6316	ZM_0105_A2_D07		ZM_0105_A2_D07_MR
6317	ZM_0105_A2_D08	ZM_0105_A2_D08_T7C	
6318	ZM_0105_A2_D08		ZM_0105_A2_D08_MR
6319	ZM_0105_A2_D09	ZM_0105_A2_D09_T7C	
6320	ZM_0105_A2_D10	ZM_0105_A2_D10_T7C	
6321	ZM_0105_A2_D10		ZM_0105_A2_D10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6322	ZM_0105_A2_D11	ZM_0105_A2_D11_T7C	ZM_0105_A2_D11_MR
6323	ZM_0105_A2_D11		
6324	ZM_0105_A2_D12	ZM_0105_A2_D12_T7C	ZM_0105_A2_D12_MR
6325	ZM_0105_A2_D12		
6326	ZM_0105_A2_E01	ZM_0105_A2_E01_T7C	ZM_0105_A2_E01_MR
6327	ZM_0105_A2_E01		
6328	ZM_0105_A2_E02	ZM_0105_A2_E02_T7C	ZM_0105_A2_E02_MR
6329	ZM_0105_A2_E02		
6330	ZM_0105_A2_E03	ZM_0105_A2_E03_T7C	ZM_0105_A2_E03_MR
6331	ZM_0105_A2_E03		
6332	ZM_0105_A2_E04	ZM_0105_A2_E04_T7C	ZM_0105_A2_E04_MR
6333	ZM_0105_A2_E04		
6334	ZM_0105_A2_E05	ZM_0105_A2_E05_T7C	ZM_0105_A2_E05_MR
6335	ZM_0105_A2_E05		
6336	ZM_0105_A2_E06	ZM_0105_A2_E06_T7C	ZM_0105_A2_E06_MR
6337	ZM_0105_A2_E06		
6338	ZM_0105_A2_E07	ZM_0105_A2_E07_T7C	ZM_0105_A2_E07_MR
6339	ZM_0105_A2_E07		
6340	ZM_0105_A2_E08	ZM_0105_A2_E08_T7C	ZM_0105_A2_E08_MR
6341	ZM_0105_A2_E08		
6342	ZM_0105_A2_E09	ZM_0105_A2_E09_T7C	ZM_0105_A2_E09_MR
6343	ZM_0105_A2_E09		
6344	ZM_0105_A2_E10	ZM_0105_A2_E10_T7C	ZM_0105_A2_E10_MR
6345	ZM_0105_A2_E10		
6346	ZM_0105_A2_E11	ZM_0105_A2_E11_T7C	ZM_0105_A2_E11_MR
6347	ZM_0105_A2_E11		
6348	ZM_0105_A2_E12	ZM_0105_A2_E12_T7C	ZM_0105_A2_E12_MR
6349	ZM_0105_A2_E12		
6350	ZM_0105_A2_F01	ZM_0105_A2_F01_T7C	ZM_0105_A2_F01_MR
6351	ZM_0105_A2_F01		
6352	ZM_0105_A2_F02	ZM_0105_A2_F02_T7C	ZM_0105_A2_F02_MR
6353	ZM_0105_A2_F02		
6354	ZM_0105_A2_F03	ZM_0105_A2_F03_T7C	ZM_0105_A2_F03_MR
6355	ZM_0105_A2_F03		
6356	ZM_0105_A2_F04	ZM_0105_A2_F04_T7C	ZM_0105_A2_F04_MR
6357	ZM_0105_A2_F04		
6358	ZM_0105_A2_F06	ZM_0105_A2_F06_T7C	ZM_0105_A2_F06_MR
6359	ZM_0105_A2_F06		
6360	ZM_0105_A2_F07	ZM_0105_A2_F07_T7C	ZM_0105_A2_F07_MR
6361	ZM_0105_A2_F07		
6362	ZM_0105_A2_F08	ZM_0105_A2_F08_T7C	
6363	ZM_0105_A2_F09	ZM_0105_A2_F09_T7C	ZM_0105_A2_F09_MR
6364	ZM_0105_A2_F09		
6365	ZM_0105_A2_F10	ZM_0105_A2_F10_T7C	ZM_0105_A2_F10_MR
6366	ZM_0105_A2_F10		
6367	ZM_0105_A2_F11	ZM_0105_A2_F11_T7C	ZM_0105_A2_F11_MR
6368	ZM_0105_A2_F11		
6369	ZM_0105_A2_F12	ZM_0105_A2_F12_T7C	ZM_0105_A2_F12_MR
6370	ZM_0105_A2_F12		
6371	ZM_0105_A2_G01	ZM_0105_A2_G01_T7C	ZM_0105_A2_G01_MR
6372	ZM_0105_A2_G01		
6373	ZM_0105_A2_G02	ZM_0105_A2_G02_T7C	ZM_0105_A2_G02_MR
6374	ZM_0105_A2_G02		
6375	ZM_0105_A2_G03	ZM_0105_A2_G03_T7C	
6376	ZM_0105_A2_G04	ZM_0105_A2_G04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6377	ZM_0105_A2_G04		ZM_0105_A2_G04_MR
6378	ZM_0105_A2_G05	ZM_0105_A2_G05_T7C	
6379	ZM_0105_A2_G05		ZM_0105_A2_G05_MR
6380	ZM_0105_A2_G06	ZM_0105_A2_G06_T7C	
6381	ZM_0105_A2_G06		ZM_0105_A2_G06_MR
6382	ZM_0105_A2_G07	ZM_0105_A2_G07_T7C	
6383	ZM_0105_A2_G07		ZM_0105_A2_G07_MR
6384	ZM_0105_A2_G08	ZM_0105_A2_G08_T7C	
6385	ZM_0105_A2_G08		ZM_0105_A2_G08_MR
6386	ZM_0105_A2_G09	ZM_0105_A2_G09_T7C	
6387	ZM_0105_A2_G09		ZM_0105_A2_G09_MR
6388	ZM_0105_A2_G10	ZM_0105_A2_G10_T7C	
6389	ZM_0105_A2_G10		ZM_0105_A2_G10_MR
6390	ZM_0105_A2_G11	ZM_0105_A2_G11_T7C	
6391	ZM_0105_A2_G11		ZM_0105_A2_G11_MR
6392	ZM_0105_A2_H01	ZM_0105_A2_H01_T7C	
6393	ZM_0105_A2_H01		ZM_0105_A2_H01_MR
6394	ZM_0105_A2_H02	ZM_0105_A2_H02_T7C	
6395	ZM_0105_A2_H02		ZM_0105_A2_H02_MR
6396	ZM_0105_A2_H03	ZM_0105_A2_H03_T7C	
6397	ZM_0105_A2_H03		ZM_0105_A2_H03_MR
6398	ZM_0105_A2_H04	ZM_0105_A2_H04_T7C	
6399	ZM_0105_A2_H04		ZM_0105_A2_H04_MR
6400	ZM_0105_A2_H05	ZM_0105_A2_H05_T7C	
6401	ZM_0105_A2_H05		ZM_0105_A2_H05_MR
6402	ZM_0105_A2_H06	ZM_0105_A2_H06_T7C	
6403	ZM_0105_A2_H07	ZM_0105_A2_H07_T7C	
6404	ZM_0105_A2_H07		ZM_0105_A2_H07_MR
6405	ZM_0105_A2_H08	ZM_0105_A2_H08_T7C	
6406	ZM_0105_A2_H08		ZM_0105_A2_H08_MR
6407	ZM_0105_A2_H09	ZM_0105_A2_H09_T7C	
6408	ZM_0105_A2_H09		ZM_0105_A2_H09_MR
6409	ZM_0105_A2_H10	ZM_0105_A2_H10_T7C	
6410	ZM_0105_A2_H10		ZM_0105_A2_H10_MR
6411	ZM_0105_A2_H11	ZM_0105_A2_H11_T7C	
6412	ZM_0105_A2_H11		ZM_0105_A2_H11_MR
6413	ZM_0105_A2_H12	ZM_0105_A2_H12_T7C	
6414	ZM_0105_A2_H12		ZM_0105_A2_H12_MR
6415	ZM_0106_A1_A01	ZM_0106_A1_A01_T7C	
6416	ZM_0106_A1_A01		ZM_0106_A1_A01_MR
6417	ZM_0106_A1_A02	ZM_0106_A1_A02_T7C	
6418	ZM_0106_A1_A02		ZM_0106_A1_A02_MR
6419	ZM_0106_A1_A03	ZM_0106_A1_A03_T7C	
6420	ZM_0106_A1_A03		ZM_0106_A1_A03_MR
6421	ZM_0106_A1_A04	ZM_0106_A1_A04_T7C	
6422	ZM_0106_A1_A04		ZM_0106_A1_A04_MR
6423	ZM_0106_A1_A05	ZM_0106_A1_A05_T7C	
6424	ZM_0106_A1_A05		ZM_0106_A1_A05_MR
6425	ZM_0106_A1_A06	ZM_0106_A1_A06_T7C	
6426	ZM_0106_A1_A06		ZM_0106_A1_A06_MR
6427	ZM_0106_A1_A07	ZM_0106_A1_A07_T7C	
6428	ZM_0106_A1_A07		ZM_0106_A1_A07_MR
6429	ZM_0106_A1_A08	ZM_0106_A1_A08_T7C	
6430	ZM_0106_A1_A08		ZM_0106_A1_A08_MR
6431	ZM_0106_A1_A09	ZM_0106_A1_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6432	ZM_0106_A1_A10	ZM_0106_A1_A10_T7C	
6433	ZM_0106_A1_A10		ZM_0106_A1_A10_MR
6434	ZM_0106_A1_A11	ZM_0106_A1_A11_T7C	
6435	ZM_0106_A1_A12	ZM_0106_A1_A12_T7C	
6436	ZM_0106_A1_A12		ZM_0106_A1_A12_MR
6437	ZM_0106_A1_B01	ZM_0106_A1_B01_T7C	
6438	ZM_0106_A1_B01		ZM_0106_A1_B01_MR
6439	ZM_0106_A1_B02	ZM_0106_A1_B02_T7C	
6440	ZM_0106_A1_B02		ZM_0106_A1_B02_MR
6441	ZM_0106_A1_B03	ZM_0106_A1_B03_T7C	
6442	ZM_0106_A1_B03		ZM_0106_A1_B03_MR
6443	ZM_0106_A1_B04	ZM_0106_A1_B04_T7C	
6444	ZM_0106_A1_B04		ZM_0106_A1_B04_MR
6445	ZM_0106_A1_B05	ZM_0106_A1_B05_T7C	
6446	ZM_0106_A1_B05		ZM_0106_A1_B05_MR
6447	ZM_0106_A1_B06	ZM_0106_A1_B06_T7C	
6448	ZM_0106_A1_B06		ZM_0106_A1_B06_MR
6449	ZM_0106_A1_B07	ZM_0106_A1_B07_T7C	
6450	ZM_0106_A1_B08		ZM_0106_A1_B08_MR
6451	ZM_0106_A1_B09	ZM_0106_A1_B09_T7C	
6452	ZM_0106_A1_B09		ZM_0106_A1_B09_MR
6453	ZM_0106_A1_B10	ZM_0106_A1_B10_T7C	
6454	ZM_0106_A1_B11	ZM_0106_A1_B11_T7C	
6455	ZM_0106_A1_B11		ZM_0106_A1_B11_MR
6456	ZM_0106_A1_B12	ZM_0106_A1_B12_T7C	
6457	ZM_0106_A1_B12		ZM_0106_A1_B12_MR
6458	ZM_0106_A1_C01	ZM_0106_A1_C01_T7C	
6459	ZM_0106_A1_C01		ZM_0106_A1_C01_MR
6460	ZM_0106_A1_C02	ZM_0106_A1_C02_T7C	
6461	ZM_0106_A1_C02		ZM_0106_A1_C02_MR
6462	ZM_0106_A1_C03	ZM_0106_A1_C03_T7C	
6463	ZM_0106_A1_C03		ZM_0106_A1_C03_MR
6464	ZM_0106_A1_C04	ZM_0106_A1_C04_T7C	
6465	ZM_0106_A1_C05	ZM_0106_A1_C05_T7C	
6466	ZM_0106_A1_C05		ZM_0106_A1_C05_MR
6467	ZM_0106_A1_C06	ZM_0106_A1_C06_T7C	
6468	ZM_0106_A1_C06		ZM_0106_A1_C06_MR
6469	ZM_0106_A1_C07	ZM_0106_A1_C07_T7C	
6470	ZM_0106_A1_C07		ZM_0106_A1_C07_MR
6471	ZM_0106_A1_C09	ZM_0106_A1_C09_T7C	
6472	ZM_0106_A1_C09		ZM_0106_A1_C09_MR
6473	ZM_0106_A1_C11	ZM_0106_A1_C11_T7C	
6474	ZM_0106_A1_C11		ZM_0106_A1_C11_MR
6475	ZM_0106_A1_C12	ZM_0106_A1_C12_T7C	
6476	ZM_0106_A1_C12		ZM_0106_A1_C12_MR
6477	ZM_0106_A1_D01	ZM_0106_A1_D01_T7C	
6478	ZM_0106_A1_D01		ZM_0106_A1_D01_MR
6479	ZM_0106_A1_D02	ZM_0106_A1_D02_T7C	
6480	ZM_0106_A1_D02		ZM_0106_A1_D02_MR
6481	ZM_0106_A1_D03	ZM_0106_A1_D03_T7C	
6482	ZM_0106_A1_D03		ZM_0106_A1_D03_MR
6483	ZM_0106_A1_D04	ZM_0106_A1_D04_T7C	
6484	ZM_0106_A1_D04		ZM_0106_A1_D04_MR
6485	ZM_0106_A1_D05	ZM_0106_A1_D05_T7C	
6486	ZM_0106_A1_D05		ZM_0106_A1_D05_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6487	ZM_0106_A1_D06	ZM_0106_A1_D06_T7C	
6488	ZM_0106_A1_D07	ZM_0106_A1_D07_T7C	
6489	ZM_0106_A1_D08	ZM_0106_A1_D08_T7C	
6490	ZM_0106_A1_D08		ZM_0106_A1_D08_MR
6491	ZM_0106_A1_D09	ZM_0106_A1_D09_T7C	
6492	ZM_0106_A1_D09		ZM_0106_A1_D09_MR
6493	ZM_0106_A1_D10	ZM_0106_A1_D10_T7C	
6494	ZM_0106_A1_D11	ZM_0106_A1_D11_T7C	
6495	ZM_0106_A1_D11		ZM_0106_A1_D11_MR
6496	ZM_0106_A1_D12	ZM_0106_A1_D12_T7C	
6497	ZM_0106_A1_D12		ZM_0106_A1_D12_MR
6498	ZM_0106_A1_E01	ZM_0106_A1_E01_T7C	
6499	ZM_0106_A1_E01		ZM_0106_A1_E01_MR
6500	ZM_0106_A1_E02	ZM_0106_A1_E02_T7C	
6501	ZM_0106_A1_E02		ZM_0106_A1_E02_MR
6502	ZM_0106_A1_E03	ZM_0106_A1_E03_T7C	
6503	ZM_0106_A1_E03		ZM_0106_A1_E03_MR
6504	ZM_0106_A1_E04	ZM_0106_A1_E04_T7C	
6505	ZM_0106_A1_E06	ZM_0106_A1_E06_T7C	
6506	ZM_0106_A1_E07	ZM_0106_A1_E07_T7C	
6507	ZM_0106_A1_E07		ZM_0106_A1_E07_MR
6508	ZM_0106_A1_E08	ZM_0106_A1_E08_T7C	
6509	ZM_0106_A1_E08		ZM_0106_A1_E08_MR
6510	ZM_0106_A1_E09	ZM_0106_A1_E09_T7C	
6511	ZM_0106_A1_E09		ZM_0106_A1_E09_MR
6512	ZM_0106_A1_E10	ZM_0106_A1_E10_T7C	
6513	ZM_0106_A1_E10		ZM_0106_A1_E10_MR
6514	ZM_0106_A1_E11	ZM_0106_A1_E11_T7C	
6515	ZM_0106_A1_E12	ZM_0106_A1_E12_T7C	
6516	ZM_0106_A1_F01	ZM_0106_A1_F01_T7C	
6517	ZM_0106_A1_F01		ZM_0106_A1_F01_MR
6518	ZM_0106_A1_F02	ZM_0106_A1_F02_T7C	
6519	ZM_0106_A1_F02		ZM_0106_A1_F02_MR
6520	ZM_0106_A1_F03	ZM_0106_A1_F03_T7C	
6521	ZM_0106_A1_F03		ZM_0106_A1_F03_MR
6522	ZM_0106_A1_F04	ZM_0106_A1_F04_T7C	
6523	ZM_0106_A1_F04		ZM_0106_A1_F04_MR
6524	ZM_0106_A1_F05	ZM_0106_A1_F05_T7C	
6525	ZM_0106_A1_F05		ZM_0106_A1_F05_MR
6526	ZM_0106_A1_F06	ZM_0106_A1_F06_T7C	
6527	ZM_0106_A1_F07	ZM_0106_A1_F07_T7C	
6528	ZM_0106_A1_F07		ZM_0106_A1_F07_MR
6529	ZM_0106_A1_F08	ZM_0106_A1_F08_T7C	
6530	ZM_0106_A1_F08		ZM_0106_A1_F08_MR
6531	ZM_0106_A1_F09	ZM_0106_A1_F09_T7C	
6532	ZM_0106_A1_F09		ZM_0106_A1_F09_MR
6533	ZM_0106_A1_F10	ZM_0106_A1_F10_T7C	
6534	ZM_0106_A1_F10		ZM_0106_A1_F10_MR
6535	ZM_0106_A1_F11	ZM_0106_A1_F11_T7C	
6536	ZM_0106_A1_F11		ZM_0106_A1_F11_MR
6537	ZM_0106_A1_F12	ZM_0106_A1_F12_T7C	
6538	ZM_0106_A1_F12		ZM_0106_A1_F12_MR
6539	ZM_0106_A1_G01	ZM_0106_A1_G01_T7C	
6540	ZM_0106_A1_G01		ZM_0106_A1_G01_MR
6541	ZM_0106_A1_G03	ZM_0106_A1_G03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6542	ZM_0106_A1_G03		ZM_0106_A1_G03_MR
6543	ZM_0106_A1_G04	ZM_0106_A1_G04_T7C	
6544	ZM_0106_A1_G04		ZM_0106_A1_G04_MR
6545	ZM_0106_A1_G05	ZM_0106_A1_G05_T7C	
6546	ZM_0106_A1_G05		ZM_0106_A1_G05_MR
6547	ZM_0106_A1_G06	ZM_0106_A1_G06_T7C	
6548	ZM_0106_A1_G06		ZM_0106_A1_G06_MR
6549	ZM_0106_A1_G07	ZM_0106_A1_G07_T7C	
6550	ZM_0106_A1_G07		ZM_0106_A1_G07_MR
6551	ZM_0106_A1_G08	ZM_0106_A1_G08_T7C	
6552	ZM_0106_A1_G08		ZM_0106_A1_G08_MR
6553	ZM_0106_A1_G09	ZM_0106_A1_G09_T7C	
6554	ZM_0106_A1_G09		ZM_0106_A1_G09_MR
6555	ZM_0106_A1_G10		ZM_0106_A1_G10_MR
6556	ZM_0106_A1_G11	ZM_0106_A1_G11_T7C	
6557	ZM_0106_A1_G11		ZM_0106_A1_G11_MR
6558	ZM_0106_A1_G12	ZM_0106_A1_G12_T7C	
6559	ZM_0106_A1_G12		ZM_0106_A1_G12_MR
6560	ZM_0106_A1_H01	ZM_0106_A1_H01_T7C	
6561	ZM_0106_A1_H02	ZM_0106_A1_H02_T7C	
6562	ZM_0106_A1_H02		ZM_0106_A1_H02_MR
6563	ZM_0106_A1_H03	ZM_0106_A1_H03_T7C	
6564	ZM_0106_A1_H03		ZM_0106_A1_H03_MR
6565	ZM_0106_A1_H04	ZM_0106_A1_H04_T7C	
6566	ZM_0106_A1_H04		ZM_0106_A1_H04_MR
6567	ZM_0106_A1_H05	ZM_0106_A1_H05_T7C	
6568	ZM_0106_A1_H05		ZM_0106_A1_H05_MR
6569	ZM_0106_A1_H06	ZM_0106_A1_H06_T7C	
6570	ZM_0106_A1_H06		ZM_0106_A1_H06_MR
6571	ZM_0106_A1_H07	ZM_0106_A1_H07_T7C	
6572	ZM_0106_A1_H07		ZM_0106_A1_H07_MR
6573	ZM_0106_A1_H08	ZM_0106_A1_H08_T7C	
6574	ZM_0106_A1_H08		ZM_0106_A1_H08_MR
6575	ZM_0106_A1_H09	ZM_0106_A1_H09_T7C	
6576	ZM_0106_A1_H09		ZM_0106_A1_H09_MR
6577	ZM_0106_A1_H10	ZM_0106_A1_H10_T7C	
6578	ZM_0106_A1_H10		ZM_0106_A1_H10_MR
6579	ZM_0106_A1_H11	ZM_0106_A1_H11_T7C	
6580	ZM_0106_A1_H11		ZM_0106_A1_H11_MR
6581	ZM_0106_A1_H12	ZM_0106_A1_H12_T7C	
6582	ZM_0106_A1_H12		ZM_0106_A1_H12_MR
6583	ZM_0107_A2_A01	ZM_0107_A2_A01_T7C	
6584	ZM_0107_A2_A01		ZM_0107_A2_A01_MR
6585	ZM_0107_A2_A02		ZM_0107_A2_A02_MR
6586	ZM_0107_A2_A03		ZM_0107_A2_A03_MR
6587	ZM_0107_A2_A04	ZM_0107_A2_A04_T7C	
6588	ZM_0107_A2_A04		ZM_0107_A2_A04_MR
6589	ZM_0107_A2_A05	ZM_0107_A2_A05_T7C	
6590	ZM_0107_A2_A05		ZM_0107_A2_A05_MR
6591	ZM_0107_A2_A06	ZM_0107_A2_A06_T7C	
6592	ZM_0107_A2_A07	ZM_0107_A2_A07_T7C	
6593	ZM_0107_A2_A07		ZM_0107_A2_A07_MR
6594	ZM_0107_A2_A08	ZM_0107_A2_A08_T7C	
6595	ZM_0107_A2_A08		ZM_0107_A2_A08_MR
6596	ZM_0107_A2_A09	ZM_0107_A2_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6597	ZM_0107_A2_A09		ZM_0107_A2_A09_MR
6598	ZM_0107_A2_A10	ZM_0107_A2_A10_T7C	
6599	ZM_0107_A2_A10		ZM_0107_A2_A10_MR
6600	ZM_0107_A2_A11	ZM_0107_A2_A11_T7C	
6601	ZM_0107_A2_A11		ZM_0107_A2_A11_MR
6602	ZM_0107_A2_A12		ZM_0107_A2_A12_MR
6603	ZM_0107_A2_B01	ZM_0107_A2_B01_T7C	
6604	ZM_0107_A2_B01		ZM_0107_A2_B01_MR
6605	ZM_0107_A2_B02	ZM_0107_A2_B02_T7C	
6606	ZM_0107_A2_B02		ZM_0107_A2_B02_MR
6607	ZM_0107_A2_B03		ZM_0107_A2_B03_MR
6608	ZM_0107_A2_B04	ZM_0107_A2_B04_T7C	
6609	ZM_0107_A2_B04		ZM_0107_A2_B04_MR
6610	ZM_0107_A2_B05	ZM_0107_A2_B05_T7C	
6611	ZM_0107_A2_B05		ZM_0107_A2_B05_MR
6612	ZM_0107_A2_B06	ZM_0107_A2_B06_T7C	
6613	ZM_0107_A2_B06		ZM_0107_A2_B06_MR
6614	ZM_0107_A2_B07	ZM_0107_A2_B07_T7C	
6615	ZM_0107_A2_B07		ZM_0107_A2_B07_MR
6616	ZM_0107_A2_B08	ZM_0107_A2_B08_T7C	
6617	ZM_0107_A2_B08		ZM_0107_A2_B08_MR
6618	ZM_0107_A2_B09	ZM_0107_A2_B09_T7C	
6619	ZM_0107_A2_B09		ZM_0107_A2_B09_MR
6620	ZM_0107_A2_B10	ZM_0107_A2_B10_T7C	
6621	ZM_0107_A2_B10		ZM_0107_A2_B10_MR
6622	ZM_0107_A2_B11	ZM_0107_A2_B11_T7C	
6623	ZM_0107_A2_B11		ZM_0107_A2_B11_MR
6624	ZM_0107_A2_B12	ZM_0107_A2_B12_T7C	
6625	ZM_0107_A2_B12		ZM_0107_A2_B12_MR
6626	ZM_0107_A2_C01	ZM_0107_A2_C01_T7C	
6627	ZM_0107_A2_C01		ZM_0107_A2_C01_MR
6628	ZM_0107_A2_C02	ZM_0107_A2_C02_T7C	
6629	ZM_0107_A2_C02		ZM_0107_A2_C02_MR
6630	ZM_0107_A2_C03	ZM_0107_A2_C03_T7C	
6631	ZM_0107_A2_C04	ZM_0107_A2_C04_T7C	
6632	ZM_0107_A2_C04		ZM_0107_A2_C04_MR
6633	ZM_0107_A2_C05	ZM_0107_A2_C05_T7C	
6634	ZM_0107_A2_C05		ZM_0107_A2_C05_MR
6635	ZM_0107_A2_C06	ZM_0107_A2_C06_T7C	
6636	ZM_0107_A2_C06		ZM_0107_A2_C06_MR
6637	ZM_0107_A2_C07	ZM_0107_A2_C07_T7C	
6638	ZM_0107_A2_C07		ZM_0107_A2_C07_MR
6639	ZM_0107_A2_C08	ZM_0107_A2_C08_T7C	
6640	ZM_0107_A2_C08		ZM_0107_A2_C08_MR
6641	ZM_0107_A2_C09	ZM_0107_A2_C09_T7C	
6642	ZM_0107_A2_C09		ZM_0107_A2_C09_MR
6643	ZM_0107_A2_C10	ZM_0107_A2_C10_T7C	
6644	ZM_0107_A2_C10		ZM_0107_A2_C10_MR
6645	ZM_0107_A2_C11	ZM_0107_A2_C11_T7C	
6646	ZM_0107_A2_C11		ZM_0107_A2_C11_MR
6647	ZM_0107_A2_C12	ZM_0107_A2_C12_T7C	
6648	ZM_0107_A2_C12		ZM_0107_A2_C12_MR
6649	ZM_0107_A2_D01	ZM_0107_A2_D01_T7C	
6650	ZM_0107_A2_D01		ZM_0107_A2_D01_MR
6651	ZM_0107_A2_D06	ZM_0107_A2_D06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6652	ZM_0107_A2_D06		ZM_0107_A2_D06_MR
6653	ZM_0107_A2_D07	ZM_0107_A2_D07_T7C	ZM_0107_A2_D07_MR
6654	ZM_0107_A2_D07		
6655	ZM_0107_A2_D08	ZM_0107_A2_D08_T7C	
6656	ZM_0107_A2_D09	ZM_0107_A2_D09_T7C	
6657	ZM_0107_A2_D10	ZM_0107_A2_D10_T7C	ZM_0107_A2_D10_MR
6658	ZM_0107_A2_D10		
6659	ZM_0107_A2_D11	ZM_0107_A2_D11_T7C	ZM_0107_A2_D11_MR
6660	ZM_0107_A2_D11		
6661	ZM_0107_A2_D12	ZM_0107_A2_D12_T7C	ZM_0107_A2_D12_MR
6662	ZM_0107_A2_D12		
6663	ZM_0107_A2_E01	ZM_0107_A2_E01_T7C	ZM_0107_A2_E01_MR
6664	ZM_0107_A2_E01		
6665	ZM_0107_A2_E02	ZM_0107_A2_E02_T7C	ZM_0107_A2_E02_MR
6666	ZM_0107_A2_E02		
6667	ZM_0107_A2_E03	ZM_0107_A2_E03_T7C	ZM_0107_A2_E03_MR
6668	ZM_0107_A2_E03		
6669	ZM_0107_A2_E04	ZM_0107_A2_E04_T7C	ZM_0107_A2_E04_MR
6670	ZM_0107_A2_E04		
6671	ZM_0107_A2_E05	ZM_0107_A2_E05_T7C	ZM_0107_A2_E05_MR
6672	ZM_0107_A2_E05		
6673	ZM_0107_A2_E06	ZM_0107_A2_E06_T7C	ZM_0107_A2_E06_MR
6674	ZM_0107_A2_E06		
6675	ZM_0107_A2_E07	ZM_0107_A2_E07_T7C	ZM_0107_A2_E07_MR
6676	ZM_0107_A2_E07		
6677	ZM_0107_A2_E08	ZM_0107_A2_E08_T7C	ZM_0107_A2_E08_MR
6678	ZM_0107_A2_E08		
6679	ZM_0107_A2_E09	ZM_0107_A2_E09_T7C	ZM_0107_A2_E09_MR
6680	ZM_0107_A2_E09		
6681	ZM_0107_A2_E10	ZM_0107_A2_E10_T7C	ZM_0107_A2_E10_MR
6682	ZM_0107_A2_E10		
6683	ZM_0107_A2_E11	ZM_0107_A2_E11_T7C	ZM_0107_A2_E11_MR
6684	ZM_0107_A2_E11		
6685	ZM_0107_A2_E12	ZM_0107_A2_E12_T7C	ZM_0107_A2_E12_MR
6686	ZM_0107_A2_E12		
6687	ZM_0107_A2_F01	ZM_0107_A2_F01_T7C	ZM_0107_A2_F01_MR
6688	ZM_0107_A2_F01		
6689	ZM_0107_A2_F02	ZM_0107_A2_F02_T7C	ZM_0107_A2_F02_MR
6690	ZM_0107_A2_F02		
6691	ZM_0107_A2_F03	ZM_0107_A2_F03_T7C	ZM_0107_A2_F03_MR
6692	ZM_0107_A2_F03		
6693	ZM_0107_A2_F04	ZM_0107_A2_F04_T7C	ZM_0107_A2_F04_MR
6694	ZM_0107_A2_F04		
6695	ZM_0107_A2_F05	ZM_0107_A2_F05_T7C	ZM_0107_A2_F05_MR
6696	ZM_0107_A2_F05		
6697	ZM_0107_A2_F06	ZM_0107_A2_F06_T7C	ZM_0107_A2_F06_MR
6698	ZM_0107_A2_F06		
6699	ZM_0107_A2_F07	ZM_0107_A2_F07_T7C	
6700	ZM_0107_A2_F08	ZM_0107_A2_F08_T7C	ZM_0107_A2_F08_MR
6701	ZM_0107_A2_F08		
6702	ZM_0107_A2_F09	ZM_0107_A2_F09_T7C	ZM_0107_A2_F09_MR
6703	ZM_0107_A2_F09		
6704	ZM_0107_A2_F10	ZM_0107_A2_F10_T7C	ZM_0107_A2_F10_MR
6705	ZM_0107_A2_F10		
6706	ZM_0107_A2_F11	ZM_0107_A2_F11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6707	ZM_0107_A2_F11		ZM_0107_A2_F11_MR
6708	ZM_0107_A2_F12	ZM_0107_A2_F12_T7C	
6709	ZM_0107_A2_F12		ZM_0107_A2_F12_MR
6710	ZM_0107_A2_G01	ZM_0107_A2_G01_T7C	
6711	ZM_0107_A2_G01		ZM_0107_A2_G01_MR
6712	ZM_0107_A2_G02	ZM_0107_A2_G02_T7C	
6713	ZM_0107_A2_G02		ZM_0107_A2_G02_MR
6714	ZM_0107_A2_G03	ZM_0107_A2_G03_T7C	
6715	ZM_0107_A2_G03		ZM_0107_A2_G03_MR
6716	ZM_0107_A2_G04	ZM_0107_A2_G04_T7C	
6717	ZM_0107_A2_G04		ZM_0107_A2_G04_MR
6718	ZM_0107_A2_G05	ZM_0107_A2_G05_T7C	
6719	ZM_0107_A2_G05		ZM_0107_A2_G05_MR
6720	ZM_0107_A2_G06	ZM_0107_A2_G06_T7C	
6721	ZM_0107_A2_G06		ZM_0107_A2_G06_MR
6722	ZM_0107_A2_G07	ZM_0107_A2_G07_T7C	
6723	ZM_0107_A2_G07		ZM_0107_A2_G07_MR
6724	ZM_0107_A2_G08	ZM_0107_A2_G08_T7C	
6725	ZM_0107_A2_G08		ZM_0107_A2_G08_MR
6726	ZM_0107_A2_G09	ZM_0107_A2_G09_T7C	
6727	ZM_0107_A2_G09		ZM_0107_A2_G09_MR
6728	ZM_0107_A2_G10	ZM_0107_A2_G10_T7C	
6729	ZM_0107_A2_G10		ZM_0107_A2_G10_MR
6730	ZM_0107_A2_G11	ZM_0107_A2_G11_T7C	
6731	ZM_0107_A2_G11		ZM_0107_A2_G11_MR
6732	ZM_0107_A2_G12	ZM_0107_A2_G12_T7C	
6733	ZM_0107_A2_H01	ZM_0107_A2_H01_T7C	
6734	ZM_0107_A2_H04		ZM_0107_A2_H04_MR
6735	ZM_0107_A2_H06	ZM_0107_A2_H06_T7C	
6736	ZM_0107_A2_H07	ZM_0107_A2_H07_T7C	
6737	ZM_0107_A2_H10	ZM_0107_A2_H10_T7C	
6738	ZM_0107_A2_H10		ZM_0107_A2_H10_MR
6739	ZM_0107_A2_H11	ZM_0107_A2_H11_T7C	
6740	ZM_0107_A2_H12	ZM_0107_A2_H12_T7C	
6741	ZM_0107_A2_H12		ZM_0107_A2_H12_MR
6742	ZM_0108_A2_A02	ZM_0108_A2_A02_T7C	
6743	ZM_0108_A2_A04	ZM_0108_A2_A04_T7C	
6744	ZM_0108_A2_A05	ZM_0108_A2_A05_T7C	
6745	ZM_0108_A2_A06	ZM_0108_A2_A06_T7C	
6746	ZM_0108_A2_A07	ZM_0108_A2_A07_T7C	
6747	ZM_0108_A2_A08	ZM_0108_A2_A08_T7C	
6748	ZM_0108_A2_A09	ZM_0108_A2_A09_T7C	
6749	ZM_0108_A2_A10	ZM_0108_A2_A10_T7C	
6750	ZM_0108_A2_A11	ZM_0108_A2_A11_T7C	
6751	ZM_0108_A2_A12	ZM_0108_A2_A12_T7C	
6752	ZM_0108_A2_B01	ZM_0108_A2_B01_T7C	
6753	ZM_0108_A2_B02	ZM_0108_A2_B02_T7C	
6754	ZM_0108_A2_B04	ZM_0108_A2_B04_T7C	
6755	ZM_0108_A2_B05	ZM_0108_A2_B05_T7C	
6756	ZM_0108_A2_B06	ZM_0108_A2_B06_T7C	
6757	ZM_0108_A2_B07	ZM_0108_A2_B07_T7C	
6758	ZM_0108_A2_B08	ZM_0108_A2_B08_T7C	
6759	ZM_0108_A2_B09	ZM_0108_A2_B09_T7C	
6760	ZM_0108_A2_B10	ZM_0108_A2_B10_T7C	
6761	ZM_0108_A2_B11	ZM_0108_A2_B11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6762	ZM_0108_A2_B12	ZM_0108_A2_B12_T7C	
6763	ZM_0108_A2_C01	ZM_0108_A2_C01_T7C	
6764	ZM_0108_A2_C02	ZM_0108_A2_C02_T7C	
6765	ZM_0108_A2_C03	ZM_0108_A2_C03_T7C	
6766	ZM_0108_A2_C04	ZM_0108_A2_C04_T7C	
6767	ZM_0108_A2_C05	ZM_0108_A2_C05_T7C	
6768	ZM_0108_A2_C06	ZM_0108_A2_C06_T7C	
6769	ZM_0108_A2_C07	ZM_0108_A2_C07_T7C	
6770	ZM_0108_A2_C08	ZM_0108_A2_C08_T7C	
6771	ZM_0108_A2_C09	ZM_0108_A2_C09_T7C	
6772	ZM_0108_A2_C10	ZM_0108_A2_C10_T7C	
6773	ZM_0108_A2_C11	ZM_0108_A2_C11_T7C	
6774	ZM_0108_A2_C12	ZM_0108_A2_C12_T7C	
6775	ZM_0108_A2_D01	ZM_0108_A2_D01_T7C	
6776	ZM_0108_A2_D02	ZM_0108_A2_D02_T7C	
6777	ZM_0108_A2_D03	ZM_0108_A2_D03_T7C	
6778	ZM_0108_A2_D04	ZM_0108_A2_D04_T7C	
6779	ZM_0108_A2_D05	ZM_0108_A2_D05_T7C	
6780	ZM_0108_A2_D07	ZM_0108_A2_D07_T7C	
6781	ZM_0108_A2_D08	ZM_0108_A2_D08_T7C	
6782	ZM_0108_A2_D09	ZM_0108_A2_D09_T7C	
6783	ZM_0108_A2_D10	ZM_0108_A2_D10_T7C	
6784	ZM_0108_A2_D11	ZM_0108_A2_D11_T7C	
6785	ZM_0108_A2_D12	ZM_0108_A2_D12_T7C	
6786	ZM_0108_A2_E03	ZM_0108_A2_E03_T7C	
6787	ZM_0108_A2_E04	ZM_0108_A2_E04_T7C	
6788	ZM_0108_A2_E05	ZM_0108_A2_E05_T7C	
6789	ZM_0108_A2_E06	ZM_0108_A2_E06_T7C	
6790	ZM_0108_A2_E07	ZM_0108_A2_E07_T7C	
6791	ZM_0108_A2_E08	ZM_0108_A2_E08_T7C	
6792	ZM_0108_A2_E09	ZM_0108_A2_E09_T7C	
6793	ZM_0108_A2_E11	ZM_0108_A2_E11_T7C	
6794	ZM_0108_A2_E12	ZM_0108_A2_E12_T7C	
6795	ZM_0108_A2_F07	ZM_0108_A2_F07_T7C	
6796	ZM_0108_A2_F08	ZM_0108_A2_F08_T7C	
6797	ZM_0108_A2_F09	ZM_0108_A2_F09_T7C	
6798	ZM_0108_A2_F10	ZM_0108_A2_F10_T7C	
6799	ZM_0108_A2_F11	ZM_0108_A2_F11_T7C	
6800	ZM_0108_A2_F12	ZM_0108_A2_F12_T7C	
6801	ZM_0108_A2_G01	ZM_0108_A2_G01_T7C	
6802	ZM_0108_A2_G02	ZM_0108_A2_G02_T7C	
6803	ZM_0108_A2_G03	ZM_0108_A2_G03_T7C	
6804	ZM_0108_A2_G04	ZM_0108_A2_G04_T7C	
6805	ZM_0108_A2_G06	ZM_0108_A2_G06_T7C	
6806	ZM_0108_A2_G07	ZM_0108_A2_G07_T7C	
6807	ZM_0108_A2_G08	ZM_0108_A2_G08_T7C	
6808	ZM_0108_A2_G10	ZM_0108_A2_G10_T7C	
6809	ZM_0108_A2_G11	ZM_0108_A2_G11_T7C	
6810	ZM_0108_A2_H01	ZM_0108_A2_H01_T7C	
6811	ZM_0108_A2_H02	ZM_0108_A2_H02_T7C	
6812	ZM_0108_A2_H03	ZM_0108_A2_H03_T7C	
6813	ZM_0108_A2_H04	ZM_0108_A2_H04_T7C	
6814	ZM_0108_A2_H05	ZM_0108_A2_H05_T7C	
6815	ZM_0108_A2_H06	ZM_0108_A2_H06_T7C	
6816	ZM_0108_A2_H07	ZM_0108_A2_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6817	ZM_0108_A2_H08	ZM_0108_A2_H08_T7C	
6818	ZM_0108_A2_H09	ZM_0108_A2_H09_T7C	
6819	ZM_0108_A2_H10	ZM_0108_A2_H10_T7C	
6820	ZM_0108_A2_H11	ZM_0108_A2_H11_T7C	
6821	ZM_0108_A2_H12	ZM_0108_A2_H12_T7C	
6822	ZM_010_A1_A01	ZM_010_A1_A01_T7	
6823	ZM_010_A1_A01		ZM_010_A1_A01_MR
6824	ZM_010_A1_A02		ZM_010_A1_A02_MR
6825	ZM_010_A1_A03	ZM_010_A1_A03_T7	
6826	ZM_010_A1_A03		ZM_010_A1_A03_MR
6827	ZM_010_A1_A04	ZM_010_A1_A04_T7	
6828	ZM_010_A1_A04		ZM_010_A1_A04_MR
6829	ZM_010_A1_A05	ZM_010_A1_A05_T7	
6830	ZM_010_A1_A05		ZM_010_A1_A05_MR
6831	ZM_010_A1_A06		ZM_010_A1_A06_MR
6832	ZM_010_A1_A07	ZM_010_A1_A07_T7	
6833	ZM_010_A1_A07		ZM_010_A1_A07_MR
6834	ZM_010_A1_A08	ZM_010_A1_A08_T7	
6835	ZM_010_A1_A08		ZM_010_A1_A08_MR
6836	ZM_010_A1_A09	ZM_010_A1_A09_T7	
6837	ZM_010_A1_A09		ZM_010_A1_A09_MR
6838	ZM_010_A1_A10	ZM_010_A1_A10_T7	
6839	ZM_010_A1_A11	ZM_010_A1_A11_T7	
6840	ZM_010_A1_A11		ZM_010_A1_A11_MR
6841	ZM_010_A1_A12	ZM_010_A1_A12_T7	
6842	ZM_010_A1_A12		ZM_010_A1_A12_MR
6843	ZM_010_A1_B01	ZM_010_A1_B01_T7	
6844	ZM_010_A1_B01		ZM_010_A1_B01_MR
6845	ZM_010_A1_B02	ZM_010_A1_B02_T7	
6846	ZM_010_A1_B02		ZM_010_A1_B02_MR
6847	ZM_010_A1_B03	ZM_010_A1_B03_T7	
6848	ZM_010_A1_B04	ZM_010_A1_B04_T7	
6849	ZM_010_A1_B04		ZM_010_A1_B04_MR
6850	ZM_010_A1_B05	ZM_010_A1_B05_T7	
6851	ZM_010_A1_B05		ZM_010_A1_B05_MR
6852	ZM_010_A1_B06	ZM_010_A1_B06_T7	
6853	ZM_010_A1_B06		ZM_010_A1_B06_MR
6854	ZM_010_A1_B07	ZM_010_A1_B07_T7	
6855	ZM_010_A1_B07		ZM_010_A1_B07_MR
6856	ZM_010_A1_B08	ZM_010_A1_B08_T7	
6857	ZM_010_A1_B08		ZM_010_A1_B08_MR
6858	ZM_010_A1_B09	ZM_010_A1_B09_T7	
6859	ZM_010_A1_B09		ZM_010_A1_B09_MR
6860	ZM_010_A1_B10	ZM_010_A1_B10_T7	
6861	ZM_010_A1_B10		ZM_010_A1_B10_MR
6862	ZM_010_A1_B11		ZM_010_A1_B11_MR
6863	ZM_010_A1_B12	ZM_010_A1_B12_T7	
6864	ZM_010_A1_B12		ZM_010_A1_B12_MR
6865	ZM_010_A1_C01	ZM_010_A1_C01_T7	
6866	ZM_010_A1_C01		ZM_010_A1_C01_MR
6867	ZM_010_A1_C02	ZM_010_A1_C02_T7	
6868	ZM_010_A1_C02		ZM_010_A1_C02_MR
6869	ZM_010_A1_C03	ZM_010_A1_C03_T7	
6870	ZM_010_A1_C03		ZM_010_A1_C03_MR
6871	ZM_010_A1_C04	ZM_010_A1_C04_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6872	ZM_010_A1_C04		ZM_010_A1_C04_MR
6873	ZM_010_A1_C05	ZM_010_A1_C05_T7	
6874	ZM_010_A1_C05		ZM_010_A1_C05_MR
6875	ZM_010_A1_C06	ZM_010_A1_C06_T7	
6876	ZM_010_A1_C06		ZM_010_A1_C06_MR
6877	ZM_010_A1_C07	ZM_010_A1_C07_T7	
6878	ZM_010_A1_C07		ZM_010_A1_C07_MR
6879	ZM_010_A1_C08	ZM_010_A1_C08_T7	
6880	ZM_010_A1_C08		ZM_010_A1_C08_MR
6881	ZM_010_A1_C09	ZM_010_A1_C09_T7	
6882	ZM_010_A1_C09		ZM_010_A1_C09_MR
6883	ZM_010_A1_C10	ZM_010_A1_C10_T7	
6884	ZM_010_A1_C10		ZM_010_A1_C10_MR
6885	ZM_010_A1_C11	ZM_010_A1_C11_T7	
6886	ZM_010_A1_C11		ZM_010_A1_C11_MR
6887	ZM_010_A1_C12	ZM_010_A1_C12_T7	
6888	ZM_010_A1_C12		ZM_010_A1_C12_MR
6889	ZM_010_A1_D01	ZM_010_A1_D01_T7	
6890	ZM_010_A1_D02	ZM_010_A1_D02_T7	
6891	ZM_010_A1_D02		ZM_010_A1_D02_MR
6892	ZM_010_A1_D03	ZM_010_A1_D03_T7	
6893	ZM_010_A1_D03		ZM_010_A1_D03_MR
6894	ZM_010_A1_D04	ZM_010_A1_D04_T7	
6895	ZM_010_A1_D04		ZM_010_A1_D04_MR
6896	ZM_010_A1_D05	ZM_010_A1_D05_T7	
6897	ZM_010_A1_D05		ZM_010_A1_D05_MR
6898	ZM_010_A1_D06		ZM_010_A1_D06_MR
6899	ZM_010_A1_D07	ZM_010_A1_D07_T7	
6900	ZM_010_A1_D07		ZM_010_A1_D07_MR
6901	ZM_010_A1_D08	ZM_010_A1_D08_T7	
6902	ZM_010_A1_D08		ZM_010_A1_D08_MR
6903	ZM_010_A1_D09	ZM_010_A1_D09_T7	
6904	ZM_010_A1_D09		ZM_010_A1_D09_MR
6905	ZM_010_A1_D10	ZM_010_A1_D10_T7	
6906	ZM_010_A1_D10		ZM_010_A1_D10_MR
6907	ZM_010_A1_D11		ZM_010_A1_D11_MR
6908	ZM_010_A1_D12	ZM_010_A1_D12_T7	
6909	ZM_010_A1_D12		ZM_010_A1_D12_MR
6910	ZM_010_A1_E01	ZM_010_A1_E01_T7	
6911	ZM_010_A1_E01		ZM_010_A1_E01_MR
6912	ZM_010_A1_E02	ZM_010_A1_E02_T7	
6913	ZM_010_A1_E02		ZM_010_A1_E02_MR
6914	ZM_010_A1_E03	ZM_010_A1_E03_T7	
6915	ZM_010_A1_E03		ZM_010_A1_E03_MR
6916	ZM_010_A1_E04	ZM_010_A1_E04_T7	
6917	ZM_010_A1_E04		ZM_010_A1_E04_MR
6918	ZM_010_A1_E05	ZM_010_A1_E05_T7	
6919	ZM_010_A1_E07	ZM_010_A1_E07_T7	
6920	ZM_010_A1_E07		ZM_010_A1_E07_MR
6921	ZM_010_A1_E08	ZM_010_A1_E08_T7	
6922	ZM_010_A1_E08		ZM_010_A1_E08_MR
6923	ZM_010_A1_E09	ZM_010_A1_E09_T7	
6924	ZM_010_A1_E09		ZM_010_A1_E09_MR
6925	ZM_010_A1_E10		ZM_010_A1_E10_MR
6926	ZM_010_A1_E11	ZM_010_A1_E11_T7	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6927	ZM_010_A1_E11		ZM_010_A1_E11_MR
6928	ZM_010_A1_E12	ZM_010_A1_E12_T7	
6929	ZM_010_A1_F01	ZM_010_A1_F01_T7	
6930	ZM_010_A1_F01		ZM_010_A1_F01_MR
6931	ZM_010_A1_F02	ZM_010_A1_F02_T7	
6932	ZM_010_A1_F02		ZM_010_A1_F02_MR
6933	ZM_010_A1_F03		ZM_010_A1_F03_MR
6934	ZM_010_A1_F04	ZM_010_A1_F04_T7	
6935	ZM_010_A1_F04		ZM_010_A1_F04_MR
6936	ZM_010_A1_F05	ZM_010_A1_F05_T7	
6937	ZM_010_A1_F05		ZM_010_A1_F05_MR
6938	ZM_010_A1_F06	ZM_010_A1_F06_T7	
6939	ZM_010_A1_F06		ZM_010_A1_F06_MR
6940	ZM_010_A1_F07	ZM_010_A1_F07_T7	
6941	ZM_010_A1_F07		ZM_010_A1_F07_MR
6942	ZM_010_A1_F08	ZM_010_A1_F08_T7	
6943	ZM_010_A1_F08		ZM_010_A1_F08_MR
6944	ZM_010_A1_F09	ZM_010_A1_F09_T7	
6945	ZM_010_A1_F09		ZM_010_A1_F09_MR
6946	ZM_010_A1_F10		ZM_010_A1_F10_MR
6947	ZM_010_A1_F11		ZM_010_A1_F11_MR
6948	ZM_010_A1_F12	ZM_010_A1_F12_T7	
6949	ZM_010_A1_F12		ZM_010_A1_F12_MR
6950	ZM_010_A1_G01	ZM_010_A1_G01_T7	
6951	ZM_010_A1_G01		ZM_010_A1_G01_MR
6952	ZM_010_A1_G02	ZM_010_A1_G02_T7	
6953	ZM_010_A1_G02		ZM_010_A1_G02_MR
6954	ZM_010_A1_G03	ZM_010_A1_G03_T7	
6955	ZM_010_A1_G03		ZM_010_A1_G03_MR
6956	ZM_010_A1_G04	ZM_010_A1_G04_T7	
6957	ZM_010_A1_G04		ZM_010_A1_G04_MR
6958	ZM_010_A1_G06	ZM_010_A1_G06_T7	
6959	ZM_010_A1_G06		ZM_010_A1_G06_MR
6960	ZM_010_A1_G07	ZM_010_A1_G07_T7	
6961	ZM_010_A1_G07		ZM_010_A1_G07_MR
6962	ZM_010_A1_G08	ZM_010_A1_G08_T7	
6963	ZM_010_A1_G08		ZM_010_A1_G08_MR
6964	ZM_010_A1_G09	ZM_010_A1_G09_T7	
6965	ZM_010_A1_G09		ZM_010_A1_G09_MR
6966	ZM_010_A1_G10	ZM_010_A1_G10_T7	
6967	ZM_010_A1_G10		ZM_010_A1_G10_MR
6968	ZM_010_A1_H01	ZM_010_A1_H01_T7	
6969	ZM_010_A1_H01		ZM_010_A1_H01_MR
6970	ZM_010_A1_H02	ZM_010_A1_H02_T7	
6971	ZM_010_A1_H02		ZM_010_A1_H02_MR
6972	ZM_010_A1_H03	ZM_010_A1_H03_T7	
6973	ZM_010_A1_H03		ZM_010_A1_H03_MR
6974	ZM_010_A1_H06	ZM_010_A1_H06_T7	
6975	ZM_010_A1_H06		ZM_010_A1_H06_MR
6976	ZM_010_A1_H07	ZM_010_A1_H07_T7	
6977	ZM_010_A1_H07		ZM_010_A1_H07_MR
6978	ZM_010_A1_H08	ZM_010_A1_H08_T7	
6979	ZM_010_A1_H08		ZM_010_A1_H08_MR
6980	ZM_010_A1_H09	ZM_010_A1_H09_T7	
6981	ZM_010_A1_H09		ZM_010_A1_H09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
6982	ZM_010_A1_H10	ZM_010_A1_H10_T7	
6983	ZM_010_A1_H11		ZM_010_A1_H11_MR
6984	ZM_010_A1_H12		ZM_010_A1_H12_MR
6985	ZM_010_A2_A01		ZM_010_A2_A01_MR
6986	ZM_010_A2_A02	ZM_010_A2_A02_T7C	
6987	ZM_010_A2_A02		ZM_010_A2_A02_MR
6988	ZM_010_A2_A03		ZM_010_A2_A03_MR
6989	ZM_010_A2_A04	ZM_010_A2_A04_T7C	
6990	ZM_010_A2_A04		ZM_010_A2_A04_MR
6991	ZM_010_A2_A05	ZM_010_A2_A05_T7C	
6992	ZM_010_A2_A05		ZM_010_A2_A05_MR
6993	ZM_010_A2_A06	ZM_010_A2_A06_T7C	
6994	ZM_010_A2_A06		ZM_010_A2_A06_MR
6995	ZM_010_A2_A07	ZM_010_A2_A07_T7C	
6996	ZM_010_A2_A07		ZM_010_A2_A07_MR
6997	ZM_010_A2_A08	ZM_010_A2_A08_T7C	
6998	ZM_010_A2_A09	ZM_010_A2_A09_T7C	
6999	ZM_010_A2_A09		ZM_010_A2_A09_MR
7000	ZM_010_A2_A10	ZM_010_A2_A10_T7C	
7001	ZM_010_A2_A10		ZM_010_A2_A10_MR
7002	ZM_010_A2_A11	ZM_010_A2_A11_T7C	
7003	ZM_010_A2_A11		ZM_010_A2_A11_MR
7004	ZM_010_A2_A12	ZM_010_A2_A12_T7C	
7005	ZM_010_A2_A12		ZM_010_A2_A12_MR
7006	ZM_010_A2_B01	ZM_010_A2_B01_T7C	
7007	ZM_010_A2_B01		ZM_010_A2_B01_MR
7008	ZM_010_A2_B02		ZM_010_A2_B02_MR
7009	ZM_010_A2_B03		ZM_010_A2_B03_MR
7010	ZM_010_A2_B04	ZM_010_A2_B04_T7C	
7011	ZM_010_A2_B04		ZM_010_A2_B04_MR
7012	ZM_010_A2_B05	ZM_010_A2_B05_T7C	
7013	ZM_010_A2_B05		ZM_010_A2_B05_MR
7014	ZM_010_A2_B06		ZM_010_A2_B06_MR
7015	ZM_010_A2_B07		ZM_010_A2_B07_MR
7016	ZM_010_A2_B08	ZM_010_A2_B08_T7C	
7017	ZM_010_A2_B08		ZM_010_A2_B08_MR
7018	ZM_010_A2_B09	ZM_010_A2_B09_T7C	
7019	ZM_010_A2_B09		ZM_010_A2_B09_MR
7020	ZM_010_A2_B10	ZM_010_A2_B10_T7C	
7021	ZM_010_A2_B10		ZM_010_A2_B10_MR
7022	ZM_010_A2_B11	ZM_010_A2_B11_T7C	
7023	ZM_010_A2_B11		ZM_010_A2_B11_MR
7024	ZM_010_A2_B12	ZM_010_A2_B12_T7C	
7025	ZM_010_A2_B12		ZM_010_A2_B12_MR
7026	ZM_010_A2_C01	ZM_010_A2_C01_T7C	
7027	ZM_010_A2_C01		ZM_010_A2_C01_MR
7028	ZM_010_A2_C02	ZM_010_A2_C02_T7C	
7029	ZM_010_A2_C02		ZM_010_A2_C02_MR
7030	ZM_010_A2_C03		ZM_010_A2_C03_MR
7031	ZM_010_A2_C04	ZM_010_A2_C04_T7C	
7032	ZM_010_A2_C04		ZM_010_A2_C04_MR
7033	ZM_010_A2_C05	ZM_010_A2_C05_T7C	
7034	ZM_010_A2_C05		ZM_010_A2_C05_MR
7035	ZM_010_A2_C06	ZM_010_A2_C06_T7C	
7036	ZM_010_A2_C06		ZM_010_A2_C06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7037	ZM_010_A2_C07	ZM_010_A2_C07_T7C	ZM_010_A2_C07_MR
7038	ZM_010_A2_C07		
7039	ZM_010_A2_C08	ZM_010_A2_C08_T7C	ZM_010_A2_C08_MR
7040	ZM_010_A2_C08		
7041	ZM_010_A2_C09	ZM_010_A2_C09_T7C	ZM_010_A2_C09_MR
7042	ZM_010_A2_C09		
7043	ZM_010_A2_C10	ZM_010_A2_C10_T7C	
7044	ZM_010_A2_C11	ZM_010_A2_C11_T7C	ZM_010_A2_C11_MR
7045	ZM_010_A2_C11		
7046	ZM_010_A2_C12	ZM_010_A2_C12_T7C	ZM_010_A2_C12_MR
7047	ZM_010_A2_C12		
7048	ZM_010_A2_D01	ZM_010_A2_D01_T7C	ZM_010_A2_D01_MR
7049	ZM_010_A2_D01		
7050	ZM_010_A2_D02	ZM_010_A2_D02_T7C	ZM_010_A2_D02_MR
7051	ZM_010_A2_D02		
7052	ZM_010_A2_D03	ZM_010_A2_D03_T7C	ZM_010_A2_D03_MR
7053	ZM_010_A2_D03		
7054	ZM_010_A2_D04	ZM_010_A2_D04_T7C	ZM_010_A2_D04_MR
7055	ZM_010_A2_D04		
7056	ZM_010_A2_D05	ZM_010_A2_D05_T7C	ZM_010_A2_D05_MR
7057	ZM_010_A2_D05		
7058	ZM_010_A2_D06	ZM_010_A2_D06_T7C	
7059	ZM_010_A2_D07	ZM_010_A2_D07_T7C	ZM_010_A2_D07_MR
7060	ZM_010_A2_D07		
7061	ZM_010_A2_D08	ZM_010_A2_D08_T7C	ZM_010_A2_D08_MR
7062	ZM_010_A2_D08		
7063	ZM_010_A2_D09	ZM_010_A2_D09_T7C	ZM_010_A2_D09_MR
7064	ZM_010_A2_D09		
7065	ZM_010_A2_D10	ZM_010_A2_D10_T7C	ZM_010_A2_D10_MR
7066	ZM_010_A2_D10		
7067	ZM_010_A2_D11	ZM_010_A2_D11_T7C	ZM_010_A2_D11_MR
7068	ZM_010_A2_D11		
7069	ZM_010_A2_D12	ZM_010_A2_D12_T7C	ZM_010_A2_D12_MR
7070	ZM_010_A2_D12		
7071	ZM_010_A2_E01	ZM_010_A2_E01_T7C	ZM_010_A2_E01_MR
7072	ZM_010_A2_E01		
7073	ZM_010_A2_E02	ZM_010_A2_E02_T7C	ZM_010_A2_E02_MR
7074	ZM_010_A2_E02		
7075	ZM_010_A2_E03	ZM_010_A2_E03_T7C	ZM_010_A2_E03_MR
7076	ZM_010_A2_E03		
7077	ZM_010_A2_E04	ZM_010_A2_E04_T7C	ZM_010_A2_E04_MR
7078	ZM_010_A2_E04		
7079	ZM_010_A2_E05	ZM_010_A2_E05_T7C	ZM_010_A2_E05_MR
7080	ZM_010_A2_E05		
7081	ZM_010_A2_E06	ZM_010_A2_E06_T7C	ZM_010_A2_E06_MR
7082	ZM_010_A2_E06		
7083	ZM_010_A2_E07	ZM_010_A2_E07_T7C	ZM_010_A2_E07_MR
7084	ZM_010_A2_E07		
7085	ZM_010_A2_E08	ZM_010_A2_E08_T7C	
7086	ZM_010_A2_E09	ZM_010_A2_E09_T7C	ZM_010_A2_E09_MR
7087	ZM_010_A2_E09		
7088	ZM_010_A2_E10	ZM_010_A2_E10_T7C	
7089	ZM_010_A2_E11	ZM_010_A2_E11_T7C	ZM_010_A2_E11_MR
7090	ZM_010_A2_E11		
7091	ZM_010_A2_E12	ZM_010_A2_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7092	ZM_010_A2_F01	ZM_010_A2_F01_T7C	
7093	ZM_010_A2_F01		ZM_010_A2_F01_MR
7094	ZM_010_A2_F03		ZM_010_A2_F03_MR
7095	ZM_010_A2_F04	ZM_010_A2_F04_T7C	
7096	ZM_010_A2_F05	ZM_010_A2_F05_T7C	
7097	ZM_010_A2_F05		ZM_010_A2_F05_MR
7098	ZM_010_A2_F06	ZM_010_A2_F06_T7C	
7099	ZM_010_A2_F07	ZM_010_A2_F07_T7C	
7100	ZM_010_A2_F07		ZM_010_A2_F07_MR
7101	ZM_010_A2_F08	ZM_010_A2_F08_T7C	
7102	ZM_010_A2_F08		ZM_010_A2_F08_MR
7103	ZM_010_A2_F09		ZM_010_A2_F09_MR
7104	ZM_010_A2_F10	ZM_010_A2_F10_T7C	
7105	ZM_010_A2_F10		ZM_010_A2_F10_MR
7106	ZM_010_A2_F11	ZM_010_A2_F11_T7C	
7107	ZM_010_A2_F11		ZM_010_A2_F11_MR
7108	ZM_010_A2_F12	ZM_010_A2_F12_T7C	
7109	ZM_010_A2_F12		ZM_010_A2_F12_MR
7110	ZM_010_A2_G01	ZM_010_A2_G01_T7C	
7111	ZM_010_A2_G01		ZM_010_A2_G01_MR
7112	ZM_010_A2_G02		ZM_010_A2_G02_MR
7113	ZM_010_A2_G03	ZM_010_A2_G03_T7C	
7114	ZM_010_A2_G03		ZM_010_A2_G03_MR
7115	ZM_010_A2_G04	ZM_010_A2_G04_T7C	
7116	ZM_010_A2_G04		ZM_010_A2_G04_MR
7117	ZM_010_A2_G05	ZM_010_A2_G05_T7C	
7118	ZM_010_A2_G05		ZM_010_A2_G05_MR
7119	ZM_010_A2_G06	ZM_010_A2_G06_T7C	
7120	ZM_010_A2_G06		ZM_010_A2_G06_MR
7121	ZM_010_A2_G07	ZM_010_A2_G07_T7C	
7122	ZM_010_A2_G07		ZM_010_A2_G07_MR
7123	ZM_010_A2_G08	ZM_010_A2_G08_T7C	
7124	ZM_010_A2_G08		ZM_010_A2_G08_MR
7125	ZM_010_A2_G09	ZM_010_A2_G09_T7C	
7126	ZM_010_A2_G09		ZM_010_A2_G09_MR
7127	ZM_010_A2_G10	ZM_010_A2_G10_T7C	
7128	ZM_010_A2_G10		ZM_010_A2_G10_MR
7129	ZM_010_A2_G11	ZM_010_A2_G11_T7C	
7130	ZM_010_A2_G11		ZM_010_A2_G11_MR
7131	ZM_010_A2_G12	ZM_010_A2_G12_T7C	
7132	ZM_010_A2_H01	ZM_010_A2_H01_T7C	
7133	ZM_010_A2_H03		ZM_010_A2_H03_MR
7134	ZM_010_A2_H04	ZM_010_A2_H04_T7C	
7135	ZM_010_A2_H05	ZM_010_A2_H05_T7C	
7136	ZM_010_A2_H05		ZM_010_A2_H05_MR
7137	ZM_010_A2_H06	ZM_010_A2_H06_T7C	
7138	ZM_010_A2_H06		ZM_010_A2_H06_MR
7139	ZM_010_A2_H07	ZM_010_A2_H07_T7C	
7140	ZM_010_A2_H07		ZM_010_A2_H07_MR
7141	ZM_010_A2_H08	ZM_010_A2_H08_T7C	
7142	ZM_010_A2_H08		ZM_010_A2_H08_MR
7143	ZM_010_A2_H09	ZM_010_A2_H09_T7C	
7144	ZM_010_A2_H10	ZM_010_A2_H10_T7C	
7145	ZM_010_A2_H10		ZM_010_A2_H10_MR
7146	ZM_010_A2_H11		ZM_010_A2_H11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7147	ZM_010_A2_H12		ZM_010_A2_H12_MR
7148	ZM_010_B1_A02	ZM_010_B1_A02_T7C	
7149	ZM_010_B1_A02		ZM_010_B1_A02_MR
7150	ZM_010_B1_A03	ZM_010_B1_A03_T7C	
7151	ZM_010_B1_A03		ZM_010_B1_A03_MR
7152	ZM_010_B1_A05	ZM_010_B1_A05_T7C	
7153	ZM_010_B1_A05		ZM_010_B1_A05_MR
7154	ZM_010_B1_A06	ZM_010_B1_A06_T7C	
7155	ZM_010_B1_A06		ZM_010_B1_A06_MR
7156	ZM_010_B1_A07	ZM_010_B1_A07_T7C	
7157	ZM_010_B1_A07		ZM_010_B1_A07_MR
7158	ZM_010_B1_A08	ZM_010_B1_A08_T7C	
7159	ZM_010_B1_A08		ZM_010_B1_A08_MR
7160	ZM_010_B1_A09	ZM_010_B1_A09_T7C	
7161	ZM_010_B1_A09		ZM_010_B1_A09_MR
7162	ZM_010_B1_A10	ZM_010_B1_A10_T7C	
7163	ZM_010_B1_A10		ZM_010_B1_A10_MR
7164	ZM_010_B1_A11	ZM_010_B1_A11_T7C	
7165	ZM_010_B1_A11		ZM_010_B1_A11_MR
7166	ZM_010_B1_A12	ZM_010_B1_A12_T7C	
7167	ZM_010_B1_A12		ZM_010_B1_A12_MR
7168	ZM_010_B1_B02	ZM_010_B1_B02_T7C	
7169	ZM_010_B1_B03	ZM_010_B1_B03_T7C	
7170	ZM_010_B1_B03		ZM_010_B1_B03_MR
7171	ZM_010_B1_B04	ZM_010_B1_B04_T7C	
7172	ZM_010_B1_B04		ZM_010_B1_B04_MR
7173	ZM_010_B1_B05	ZM_010_B1_B05_T7C	
7174	ZM_010_B1_B05		ZM_010_B1_B05_MR
7175	ZM_010_B1_B06	ZM_010_B1_B06_T7C	
7176	ZM_010_B1_B06		ZM_010_B1_B06_MR
7177	ZM_010_B1_B07	ZM_010_B1_B07_T7C	
7178	ZM_010_B1_B07		ZM_010_B1_B07_MR
7179	ZM_010_B1_B08	ZM_010_B1_B08_T7C	
7180	ZM_010_B1_B08		ZM_010_B1_B08_MR
7181	ZM_010_B1_B09	ZM_010_B1_B09_T7C	
7182	ZM_010_B1_B09		ZM_010_B1_B09_MR
7183	ZM_010_B1_B10	ZM_010_B1_B10_T7C	
7184	ZM_010_B1_B10		ZM_010_B1_B10_MR
7185	ZM_010_B1_B11	ZM_010_B1_B11_T7C	
7186	ZM_010_B1_B11		ZM_010_B1_B11_MR
7187	ZM_010_B1_B12	ZM_010_B1_B12_T7C	
7188	ZM_010_B1_B12		ZM_010_B1_B12_MR
7189	ZM_010_B1_C02	ZM_010_B1_C02_T7C	
7190	ZM_010_B1_C02		ZM_010_B1_C02_MR
7191	ZM_010_B1_C03	ZM_010_B1_C03_T7C	
7192	ZM_010_B1_C03		ZM_010_B1_C03_MR
7193	ZM_010_B1_C04	ZM_010_B1_C04_T7C	
7194	ZM_010_B1_C04		ZM_010_B1_C04_MR
7195	ZM_010_B1_C05	ZM_010_B1_C05_T7C	
7196	ZM_010_B1_C05		ZM_010_B1_C05_MR
7197	ZM_010_B1_C06	ZM_010_B1_C06_T7C	
7198	ZM_010_B1_C06		ZM_010_B1_C06_MR
7199	ZM_010_B1_C07	ZM_010_B1_C07_T7C	
7200	ZM_010_B1_C07		ZM_010_B1_C07_MR
7201	ZM_010_B1_C08	ZM_010_B1_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7202	ZM_010_B1_C08		ZM_010_B1_C08_MR
7203	ZM_010_B1_C09	ZM_010_B1_C09_T7C	
7204	ZM_010_B1_C09		ZM_010_B1_C09_MR
7205	ZM_010_B1_C10	ZM_010_B1_C10_T7C	
7206	ZM_010_B1_C10		ZM_010_B1_C10_MR
7207	ZM_010_B1_C11	ZM_010_B1_C11_T7C	
7208	ZM_010_B1_C11		ZM_010_B1_C11_MR
7209	ZM_010_B1_C12	ZM_010_B1_C12_T7C	
7210	ZM_010_B1_C12		ZM_010_B1_C12_MR
7211	ZM_010_B1_D02	ZM_010_B1_D02_T7C	
7212	ZM_010_B1_D02		ZM_010_B1_D02_MR
7213	ZM_010_B1_D03	ZM_010_B1_D03_T7C	
7214	ZM_010_B1_D03		ZM_010_B1_D03_MR
7215	ZM_010_B1_D04	ZM_010_B1_D04_T7C	
7216	ZM_010_B1_D04		ZM_010_B1_D04_MR
7217	ZM_010_B1_D05	ZM_010_B1_D05_T7C	
7218	ZM_010_B1_D05		ZM_010_B1_D05_MR
7219	ZM_010_B1_D06	ZM_010_B1_D06_T7C	
7220	ZM_010_B1_D06		ZM_010_B1_D06_MR
7221	ZM_010_B1_D07	ZM_010_B1_D07_T7C	
7222	ZM_010_B1_D07		ZM_010_B1_D07_MR
7223	ZM_010_B1_D08		ZM_010_B1_D08_MR
7224	ZM_010_B1_D09	ZM_010_B1_D09_T7C	
7225	ZM_010_B1_D09		ZM_010_B1_D09_MR
7226	ZM_010_B1_D10	ZM_010_B1_D10_T7C	
7227	ZM_010_B1_D10		ZM_010_B1_D10_MR
7228	ZM_010_B1_D11	ZM_010_B1_D11_T7C	
7229	ZM_010_B1_D11		ZM_010_B1_D11_MR
7230	ZM_010_B1_D12	ZM_010_B1_D12_T7C	
7231	ZM_010_B1_D12		ZM_010_B1_D12_MR
7232	ZM_010_B1_E01	ZM_010_B1_E01_T7C	
7233	ZM_010_B1_E02	ZM_010_B1_E02_T7C	
7234	ZM_010_B1_E02		ZM_010_B1_E02_MR
7235	ZM_010_B1_E03	ZM_010_B1_E03_T7C	
7236	ZM_010_B1_E03		ZM_010_B1_E03_MR
7237	ZM_010_B1_E04	ZM_010_B1_E04_T7C	
7238	ZM_010_B1_E04		ZM_010_B1_E04_MR
7239	ZM_010_B1_E05	ZM_010_B1_E05_T7C	
7240	ZM_010_B1_E05		ZM_010_B1_E05_MR
7241	ZM_010_B1_E06	ZM_010_B1_E06_T7C	
7242	ZM_010_B1_E06		ZM_010_B1_E06_MR
7243	ZM_010_B1_E07	ZM_010_B1_E07_T7C	
7244	ZM_010_B1_E07		ZM_010_B1_E07_MR
7245	ZM_010_B1_E08	ZM_010_B1_E08_T7C	
7246	ZM_010_B1_E08		ZM_010_B1_E08_MR
7247	ZM_010_B1_E09	ZM_010_B1_E09_T7C	
7248	ZM_010_B1_E09		ZM_010_B1_E09_MR
7249	ZM_010_B1_E10	ZM_010_B1_E10_T7C	
7250	ZM_010_B1_E10		ZM_010_B1_E10_MR
7251	ZM_010_B1_E11	ZM_010_B1_E11_T7C	
7252	ZM_010_B1_E11		ZM_010_B1_E11_MR
7253	ZM_010_B1_E12	ZM_010_B1_E12_T7C	
7254	ZM_010_B1_E12		ZM_010_B1_E12_MR
7255	ZM_010_B1_F01	ZM_010_B1_F01_T7C	
7256	ZM_010_B1_F02	ZM_010_B1_F02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7257	ZM_010_B1_F02		ZM_010_B1_F02_MR
7258	ZM_010_B1_F03	ZM_010_B1_F03_T7C	
7259	ZM_010_B1_F03		ZM_010_B1_F03_MR
7260	ZM_010_B1_F04	ZM_010_B1_F04_T7C	
7261	ZM_010_B1_F04		ZM_010_B1_F04_MR
7262	ZM_010_B1_F05	ZM_010_B1_F05_T7C	
7263	ZM_010_B1_F05		ZM_010_B1_F05_MR
7264	ZM_010_B1_F06	ZM_010_B1_F06_T7C	
7265	ZM_010_B1_F06		ZM_010_B1_F06_MR
7266	ZM_010_B1_F07	ZM_010_B1_F07_T7C	
7267	ZM_010_B1_F07		ZM_010_B1_F07_MR
7268	ZM_010_B1_F08	ZM_010_B1_F08_T7C	
7269	ZM_010_B1_F08		ZM_010_B1_F08_MR
7270	ZM_010_B1_F09	ZM_010_B1_F09_T7C	
7271	ZM_010_B1_F09		ZM_010_B1_F09_MR
7272	ZM_010_B1_F10	ZM_010_B1_F10_T7C	
7273	ZM_010_B1_F10		ZM_010_B1_F10_MR
7274	ZM_010_B1_F11	ZM_010_B1_F11_T7C	
7275	ZM_010_B1_F11		ZM_010_B1_F11_MR
7276	ZM_010_B1_F12	ZM_010_B1_F12_T7C	
7277	ZM_010_B1_F12		ZM_010_B1_F12_MR
7278	ZM_010_B1_G01	ZM_010_B1_G01_T7C	
7279	ZM_010_B1_G02	ZM_010_B1_G02_T7C	
7280	ZM_010_B1_G02		ZM_010_B1_G02_MR
7281	ZM_010_B1_G03	ZM_010_B1_G03_T7C	
7282	ZM_010_B1_G03		ZM_010_B1_G03_MR
7283	ZM_010_B1_G04	ZM_010_B1_G04_T7C	
7284	ZM_010_B1_G04		ZM_010_B1_G04_MR
7285	ZM_010_B1_G05	ZM_010_B1_G05_T7C	
7286	ZM_010_B1_G05		ZM_010_B1_G05_MR
7287	ZM_010_B1_G06		ZM_010_B1_G06_MR
7288	ZM_010_B1_G07	ZM_010_B1_G07_T7C	
7289	ZM_010_B1_G07		ZM_010_B1_G07_MR
7290	ZM_010_B1_G08	ZM_010_B1_G08_T7C	
7291	ZM_010_B1_G08		ZM_010_B1_G08_MR
7292	ZM_010_B1_G09	ZM_010_B1_G09_T7C	
7293	ZM_010_B1_G09		ZM_010_B1_G09_MR
7294	ZM_010_B1_G10	ZM_010_B1_G10_T7C	
7295	ZM_010_B1_G10		ZM_010_B1_G10_MR
7296	ZM_010_B1_G11	ZM_010_B1_G11_T7C	
7297	ZM_010_B1_G11		ZM_010_B1_G11_MR
7298	ZM_010_B1_G12	ZM_010_B1_G12_T7C	
7299	ZM_010_B1_G12		ZM_010_B1_G12_MR
7300	ZM_010_B1_H01	ZM_010_B1_H01_T7C	
7301	ZM_010_B1_H01		ZM_010_B1_H01_MR
7302	ZM_010_B1_H02	ZM_010_B1_H02_T7C	
7303	ZM_010_B1_H02		ZM_010_B1_H02_MR
7304	ZM_010_B1_H03	ZM_010_B1_H03_T7C	
7305	ZM_010_B1_H03		ZM_010_B1_H03_MR
7306	ZM_010_B1_H04	ZM_010_B1_H04_T7C	
7307	ZM_010_B1_H04		ZM_010_B1_H04_MR
7308	ZM_010_B1_H05	ZM_010_B1_H05_T7C	
7309	ZM_010_B1_H05		ZM_010_B1_H05_MR
7310	ZM_010_B1_H06	ZM_010_B1_H06_T7C	
7311	ZM_010_B1_H06		ZM_010_B1_H06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7312	ZM_010_B1_H07	ZM_010_B1_H07_T7C	
7313	ZM_010_B1_H07		ZM_010_B1_H07_MR
7314	ZM_010_B1_H08	ZM_010_B1_H08_T7C	
7315	ZM_010_B1_H08		ZM_010_B1_H08_MR
7316	ZM_010_B1_H09	ZM_010_B1_H09_T7C	
7317	ZM_010_B1_H09		ZM_010_B1_H09_MR
7318	ZM_010_B1_H10	ZM_010_B1_H10_T7C	
7319	ZM_010_B1_H10		ZM_010_B1_H10_MR
7320	ZM_010_B1_H11	ZM_010_B1_H11_T7C	
7321	ZM_010_B1_H11		ZM_010_B1_H11_MR
7322	ZM_010_B1_H12	ZM_010_B1_H12_T7C	
7323	ZM_010_B1_H12		ZM_010_B1_H12_MR
7324	ZM_010_B2_A09	ZM_010_B2_A09_T7C	
7325	ZM_010_B2_A10	ZM_010_B2_A10_T7C	
7326	ZM_010_B2_A11	ZM_010_B2_A11_T7C	
7327	ZM_010_B2_A12	ZM_010_B2_A12_T7C	
7328	ZM_010_B2_B01	ZM_010_B2_B01_T7C	
7329	ZM_010_B2_B02	ZM_010_B2_B02_T7C	
7330	ZM_010_B2_B03	ZM_010_B2_B03_T7C	
7331	ZM_010_B2_B04	ZM_010_B2_B04_T7C	
7332	ZM_010_B2_B05	ZM_010_B2_B05_T7C	
7333	ZM_010_B2_B06	ZM_010_B2_B06_T7C	
7334	ZM_010_B2_B07	ZM_010_B2_B07_T7C	
7335	ZM_010_B2_B08	ZM_010_B2_B08_T7C	
7336	ZM_010_B2_B09	ZM_010_B2_B09_T7C	
7337	ZM_010_B2_B10	ZM_010_B2_B10_T7C	
7338	ZM_010_B2_B11	ZM_010_B2_B11_T7C	
7339	ZM_010_B2_B12	ZM_010_B2_B12_T7C	
7340	ZM_010_B2_C01	ZM_010_B2_C01_T7C	
7341	ZM_010_B2_C02	ZM_010_B2_C02_T7C	
7342	ZM_010_B2_C03	ZM_010_B2_C03_T7C	
7343	ZM_010_B2_C04	ZM_010_B2_C04_T7C	
7344	ZM_010_B2_C05	ZM_010_B2_C05_T7C	
7345	ZM_010_B2_C06	ZM_010_B2_C06_T7C	
7346	ZM_010_B2_C07	ZM_010_B2_C07_T7C	
7347	ZM_010_B2_C08	ZM_010_B2_C08_T7C	
7348	ZM_010_B2_C09	ZM_010_B2_C09_T7C	
7349	ZM_010_B2_C10	ZM_010_B2_C10_T7C	
7350	ZM_010_B2_C11	ZM_010_B2_C11_T7C	
7351	ZM_010_B2_C12	ZM_010_B2_C12_T7C	
7352	ZM_010_B2_D01	ZM_010_B2_D01_T7C	
7353	ZM_010_B2_D02	ZM_010_B2_D02_T7C	
7354	ZM_010_B2_D03	ZM_010_B2_D03_T7C	
7355	ZM_010_B2_D04	ZM_010_B2_D04_T7C	
7356	ZM_010_B2_D05	ZM_010_B2_D05_T7C	
7357	ZM_010_B2_D06	ZM_010_B2_D06_T7C	
7358	ZM_010_B2_D07	ZM_010_B2_D07_T7C	
7359	ZM_010_B2_D08	ZM_010_B2_D08_T7C	
7360	ZM_010_B2_D09	ZM_010_B2_D09_T7C	
7361	ZM_010_B2_D10	ZM_010_B2_D10_T7C	
7362	ZM_010_B2_D11	ZM_010_B2_D11_T7C	
7363	ZM_010_B2_D12	ZM_010_B2_D12_T7C	
7364	ZM_010_B2_E08	ZM_010_B2_E08_T7C	
7365	ZM_010_B2_E09	ZM_010_B2_E09_T7C	
7366	ZM_010_B2_E10	ZM_010_B2_E10_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7367	ZM_010_B2_E11	ZM_010_B2_E11_T7C	
7368	ZM_010_B2_E12	ZM_010_B2_E12_T7C	
7369	ZM_010_B2_F01	ZM_010_B2_F01_T7C	
7370	ZM_010_B2_F03	ZM_010_B2_F03_T7C	
7371	ZM_010_B2_F04	ZM_010_B2_F04_T7C	
7372	ZM_010_B2_F05	ZM_010_B2_F05_T7C	
7373	ZM_010_B2_F06	ZM_010_B2_F06_T7C	
7374	ZM_010_B2_F07	ZM_010_B2_F07_T7C	
7375	ZM_010_B2_F08	ZM_010_B2_F08_T7C	
7376	ZM_010_B2_F09	ZM_010_B2_F09_T7C	
7377	ZM_010_B2_F10	ZM_010_B2_F10_T7C	
7378	ZM_010_B2_F11	ZM_010_B2_F11_T7C	
7379	ZM_010_B2_F12	ZM_010_B2_F12_T7C	
7380	ZM_010_B2_G01	ZM_010_B2_G01_T7C	
7381	ZM_010_B2_G02	ZM_010_B2_G02_T7C	
7382	ZM_010_B2_G03	ZM_010_B2_G03_T7C	
7383	ZM_010_B2_G04	ZM_010_B2_G04_T7C	
7384	ZM_010_B2_G05	ZM_010_B2_G05_T7C	
7385	ZM_010_B2_G06	ZM_010_B2_G06_T7C	
7386	ZM_010_B2_G07	ZM_010_B2_G07_T7C	
7387	ZM_010_B2_G08	ZM_010_B2_G08_T7C	
7388	ZM_010_B2_G09	ZM_010_B2_G09_T7C	
7389	ZM_010_B2_G10	ZM_010_B2_G10_T7C	
7390	ZM_010_B2_G11	ZM_010_B2_G11_T7C	
7391	ZM_010_B2_G12	ZM_010_B2_G12_T7C	
7392	ZM_010_B2_H01	ZM_010_B2_H01_T7C	
7393	ZM_010_B2_H02	ZM_010_B2_H02_T7C	
7394	ZM_010_B2_H03	ZM_010_B2_H03_T7C	
7395	ZM_010_B2_H04	ZM_010_B2_H04_T7C	
7396	ZM_010_B2_H05	ZM_010_B2_H05_T7C	
7397	ZM_010_B2_H06	ZM_010_B2_H06_T7C	
7398	ZM_010_B2_H07	ZM_010_B2_H07_T7C	
7399	ZM_010_B2_H08	ZM_010_B2_H08_T7C	
7400	ZM_010_B2_H09	ZM_010_B2_H09_T7C	
7401	ZM_010_B2_H10	ZM_010_B2_H10_T7C	
7402	ZM_010_B2_H11	ZM_010_B2_H11_T7C	
7403	ZM_011_A1_A01		ZM_011_A1_A01_MR
7404	ZM_011_A1_A02	ZM_011_A1_A02_T7	
7405	ZM_011_A1_A02		ZM_011_A1_A02_MR
7406	ZM_011_A1_A04	ZM_011_A1_A04_T7	
7407	ZM_011_A1_A04		ZM_011_A1_A04_MR
7408	ZM_011_A1_A05	ZM_011_A1_A05_T7	
7409	ZM_011_A1_A05		ZM_011_A1_A05_MR
7410	ZM_011_A1_A06	ZM_011_A1_A06_T7	
7411	ZM_011_A1_A06		ZM_011_A1_A06_MR
7412	ZM_011_A1_A07	ZM_011_A1_A07_T7	
7413	ZM_011_A1_A08	ZM_011_A1_A08_T7	
7414	ZM_011_A1_A09	ZM_011_A1_A09_T7	
7415	ZM_011_A1_A10	ZM_011_A1_A10_T7	
7416	ZM_011_A1_A11	ZM_011_A1_A11_T7	
7417	ZM_011_A1_A11		ZM_011_A1_A11_MR
7418	ZM_011_A1_A12		ZM_011_A1_A12_MR
7419	ZM_011_A1_B01	ZM_011_A1_B01_T7	
7420	ZM_011_A1_B01		ZM_011_A1_B01_MR
7421	ZM_011_A1_B03	ZM_011_A1_B03_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7422	ZM_011_A1_B03		ZM_011_A1_B03_MR
7423	ZM_011_A1_B04	ZM_011_A1_B04_T7	
7424	ZM_011_A1_B04		ZM_011_A1_B04_MR
7425	ZM_011_A1_B05		ZM_011_A1_B05_MR
7426	ZM_011_A1_B06		ZM_011_A1_B06_MR
7427	ZM_011_A1_B07		ZM_011_A1_B07_MR
7428	ZM_011_A1_B08	ZM_011_A1_B08_T7	
7429	ZM_011_A1_B08		ZM_011_A1_B08_MR
7430	ZM_011_A1_B09	ZM_011_A1_B09_T7	
7431	ZM_011_A1_B11	ZM_011_A1_B11_T7	
7432	ZM_011_A1_B12	ZM_011_A1_B12_T7	
7433	ZM_011_A1_B12		ZM_011_A1_B12_MR
7434	ZM_011_A1_C01		ZM_011_A1_C01_MR
7435	ZM_011_A1_C02	ZM_011_A1_C02_T7	
7436	ZM_011_A1_C02		ZM_011_A1_C02_MR
7437	ZM_011_A1_C03	ZM_011_A1_C03_T7	
7438	ZM_011_A1_C03		ZM_011_A1_C03_MR
7439	ZM_011_A1_C04	ZM_011_A1_C04_T7	
7440	ZM_011_A1_C04		ZM_011_A1_C04_MR
7441	ZM_011_A1_C05	ZM_011_A1_C05_T7	
7442	ZM_011_A1_C05		ZM_011_A1_C05_MR
7443	ZM_011_A1_C06	ZM_011_A1_C06_T7	
7444	ZM_011_A1_C06		ZM_011_A1_C06_MR
7445	ZM_011_A1_C07	ZM_011_A1_C07_T7	
7446	ZM_011_A1_C07		ZM_011_A1_C07_MR
7447	ZM_011_A1_C08	ZM_011_A1_C08_T7	
7448	ZM_011_A1_C08		ZM_011_A1_C08_MR
7449	ZM_011_A1_C09	ZM_011_A1_C09_T7	
7450	ZM_011_A1_C11	ZM_011_A1_C11_T7	
7451	ZM_011_A1_C11		ZM_011_A1_C11_MR
7452	ZM_011_A1_C12	ZM_011_A1_C12_T7	
7453	ZM_011_A1_C12		ZM_011_A1_C12_MR
7454	ZM_011_A1_D01		ZM_011_A1_D01_MR
7455	ZM_011_A1_D02	ZM_011_A1_D02_T7	
7456	ZM_011_A1_D02		ZM_011_A1_D02_MR
7457	ZM_011_A1_D03	ZM_011_A1_D03_T7	
7458	ZM_011_A1_D03		ZM_011_A1_D03_MR
7459	ZM_011_A1_D04		ZM_011_A1_D04_MR
	ZM_011_A1_D05	ZM_011_A1_D05_T7	
7461	ZM_011_A1_D05		ZM_011_A1_D05_MR
7462	ZM_011_A1_D06		ZM_011_A1_D06_MR
7463	ZM_011_A1_D07	ZM_011_A1_D07_T7	
7464	ZM_011_A1_D07		ZM_011_A1_D07_MR
7465	ZM_011_A1_D08	ZM_011_A1_D08_T7	
7466	ZM_011_A1_D08		ZM_011_A1_D08_MR
7467	ZM_011_A1_D09	ZM_011_A1_D09_T7	
7468	ZM_011_A1_D10	ZM_011_A1_D10_T7	
7469	ZM_011_A1_D10		ZM_011_A1_D10_MR
7470	ZM_011_A1_D11	ZM_011_A1_D11_T7	
7471	ZM_011_A1_D11		ZM_011_A1_D11_MR
7472	ZM_011_A1_D12	ZM_011_A1_D12_T7	
7473	ZM_011_A1_D12		ZM_011_A1_D12_MR
7474	ZM_011_A1_E01	ZM_011_A1_E01_T7	
7475	ZM_011_A1_E01		ZM_011_A1_E01_MR
7476	ZM_011_A1_E02		ZM_011_A1_E02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7477	ZM_011_A1_E03	ZM_011_A1_E03_T7	
7478	ZM_011_A1_E04	ZM_011_A1_E04_T7	
7479	ZM_011_A1_E04		ZM_011_A1_E04_MR
7480	ZM_011_A1_E05	ZM_011_A1_E05_T7	
7481	ZM_011_A1_E05		ZM_011_A1_E05_MR
7482	ZM_011_A1_E06	ZM_011_A1_E06_T7	
7483	ZM_011_A1_E06		ZM_011_A1_E06_MR
7484	ZM_011_A1_E07	ZM_011_A1_E07_T7	
7485	ZM_011_A1_E08	ZM_011_A1_E08_T7	
7486	ZM_011_A1_E09	ZM_011_A1_E09_T7	
7487	ZM_011_A1_E10	ZM_011_A1_E10_T7	
7488	ZM_011_A1_E11	ZM_011_A1_E11_T7	
7489	ZM_011_A1_E11		ZM_011_A1_E11_MR
7490	ZM_011_A1_E12	ZM_011_A1_E12_T7	
7491	ZM_011_A1_E12		ZM_011_A1_E12_MR
7492	ZM_011_A1_F01	ZM_011_A1_F01_T7	
7493	ZM_011_A1_F01		ZM_011_A1_F01_MR
7494	ZM_011_A1_F02	ZM_011_A1_F02_T7	
7495	ZM_011_A1_F02		ZM_011_A1_F02_MR
7496	ZM_011_A1_F03	ZM_011_A1_F03_T7	
7497	ZM_011_A1_F03		ZM_011_A1_F03_MR
7498	ZM_011_A1_F04	ZM_011_A1_F04_T7	
7499	ZM_011_A1_F05		ZM_011_A1_F05_MR
7500	ZM_011_A1_F06	ZM_011_A1_F06_T7	
7501	ZM_011_A1_F07	ZM_011_A1_F07_T7	
7502	ZM_011_A1_F09	ZM_011_A1_F09_T7	
7503	ZM_011_A1_F10	ZM_011_A1_F10_T7	
7504	ZM_011_A1_F10		ZM_011_A1_F10_MR
7505	ZM_011_A1_F11	ZM_011_A1_F11_T7	
7506	ZM_011_A1_G01	ZM_011_A1_G01_T7	
7507	ZM_011_A1_G01		ZM_011_A1_G01_MR
7508	ZM_011_A1_G02	ZM_011_A1_G02_T7	
7509	ZM_011_A1_G03	ZM_011_A1_G03_T7	
7510	ZM_011_A1_G03		ZM_011_A1_G03_MR
7511	ZM_011_A1_G04	ZM_011_A1_G04_T7	
7512	ZM_011_A1_G05	ZM_011_A1_G05_T7	
7513	ZM_011_A1_G06		ZM_011_A1_G06_MR
7514	ZM_011_A1_G07	ZM_011_A1_G07_T7	
7515	ZM_011_A1_G07		ZM_011_A1_G07_MR
7516	ZM_011_A1_G08	ZM_011_A1_G08_T7	
7517	ZM_011_A1_G09	ZM_011_A1_G09_T7	
7518	ZM_011_A1_G10	ZM_011_A1_G10_T7	
7519	ZM_011_A1_G10		ZM_011_A1_G10_MR
7520	ZM_011_A1_G11	ZM_011_A1_G11_T7	
7521	ZM_011_A1_G11		ZM_011_A1_G11_MR
7522	ZM_011_A1_H01	ZM_011_A1_H01_T7	
7523	ZM_011_A1_H01		ZM_011_A1_H01_MR
7524	ZM_011_A1_H02	ZM_011_A1_H02_T7	
7525	ZM_011_A1_H02		ZM_011_A1_H02_MR
7526	ZM_011_A1_H03	ZM_011_A1_H03_T7	
7527	ZM_011_A1_H03		ZM_011_A1_H03_MR
7528	ZM_011_A1_H04	ZM_011_A1_H04_T7	
7529	ZM_011_A1_H04		ZM_011_A1_H04_MR
7530	ZM_011_A1_H05	ZM_011_A1_H05_T7	
7531	ZM_011_A1_H05		ZM_011_A1_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7532	ZM_011_A1_H06	ZM_011_A1_H06_T7	ZM_011_A1_H06_MR
7533	ZM_011_A1_H06		
7534	ZM_011_A1_H07	ZM_011_A1_H07_T7	ZM_011_A1_H07_MR
7535	ZM_011_A1_H07		
7536	ZM_011_A1_H08	ZM_011_A1_H08_T7	ZM_011_A1_H08_MR
7537	ZM_011_A1_H08		
7538	ZM_011_A1_H09	ZM_011_A1_H09_T7	ZM_011_A1_H11_MR
7539	ZM_011_A1_H11		
7540	ZM_011_A1_H12	ZM_011_A1_H12_T7	ZM_011_A1_H12_MR
7541	ZM_011_A1_H12		
7542	ZM_011_A2_A01	ZM_011_A2_A01_T7C	ZM_011_A2_A01_MR
7543	ZM_011_A2_A01		
7544	ZM_011_A2_A02	ZM_011_A2_A02_T7C	ZM_011_A2_A03_MR
7545	ZM_011_A2_A03		
7546	ZM_011_A2_A04	ZM_011_A2_A04_T7C	
7547	ZM_011_A2_A05	ZM_011_A2_A05_T7C	ZM_011_A2_A05_MR
7548	ZM_011_A2_A05		
7549	ZM_011_A2_A06	ZM_011_A2_A06_T7C	
7550	ZM_011_A2_A07	ZM_011_A2_A07_T7C	
7551	ZM_011_A2_A08	ZM_011_A2_A08_T7C	
7552	ZM_011_A2_A10	ZM_011_A2_A10_T7C	
7553	ZM_011_A2_A11	ZM_011_A2_A11_T7C	
7554	ZM_011_A2_A12	ZM_011_A2_A12_T7C	ZM_011_A2_A12_MR
7555	ZM_011_A2_A12		
7556	ZM_011_A2_B01	ZM_011_A2_B01_T7C	ZM_011_A2_B01_MR
7557	ZM_011_A2_B01		
7558	ZM_011_A2_B02	ZM_011_A2_B02_T7C	
7559	ZM_011_A2_B03	ZM_011_A2_B03_T7C	ZM_011_A2_B03_MR
7560	ZM_011_A2_B03		
7561	ZM_011_A2_B04	ZM_011_A2_B04_T7C	ZM_011_A2_B04_MR
7562	ZM_011_A2_B04		
7563	ZM_011_A2_B05	ZM_011_A2_B05_T7C	ZM_011_A2_B05_MR
7564	ZM_011_A2_B05		
7565	ZM_011_A2_B07	ZM_011_A2_B07_T7C	ZM_011_A2_B07_MR
7566	ZM_011_A2_B07		
7567	ZM_011_A2_B08		ZM_011_A2_B08_MR
7568	ZM_011_A2_B09		ZM_011_A2_B09_MR
7569	ZM_011_A2_B10	ZM_011_A2_B10_T7C	ZM_011_A2_B10_MR
7570	ZM_011_A2_B10		
7571	ZM_011_A2_B11	ZM_011_A2_B11_T7C	ZM_011_A2_B11_MR
7572	ZM_011_A2_B11		
7573	ZM_011_A2_B12	ZM_011_A2_B12_T7C	ZM_011_A2_B12_MR
7574	ZM_011_A2_B12		
7575	ZM_011_A2_C01	ZM_011_A2_C01_T7C	ZM_011_A2_C01_MR
7576	ZM_011_A2_C01		
7577	ZM_011_A2_C02	ZM_011_A2_C02_T7C	ZM_011_A2_C02_MR
7578	ZM_011_A2_C02		
7579	ZM_011_A2_C03	ZM_011_A2_C03_T7C	ZM_011_A2_C03_MR
7580	ZM_011_A2_C03		
7581	ZM_011_A2_C04	ZM_011_A2_C04_T7C	ZM_011_A2_C04_MR
7582	ZM_011_A2_C04		ZM_011_A2_C05_MR
7583	ZM_011_A2_C05		ZM_011_A2_C06_MR
7584	ZM_011_A2_C06		
7585	ZM_011_A2_C07	ZM_011_A2_C07_T7C	ZM_011_A2_C07_MR
7586	ZM_011_A2_C07		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7587	ZM_011_A2_C08	ZM_011_A2_C08_T7C	ZM_011_A2_C08_MR
7588	ZM_011_A2_C08		ZM_011_A2_C09_MR
7589	ZM_011_A2_C09		
7590	ZM_011_A2_C10	ZM_011_A2_C10_T7C	ZM_011_A2_C10_MR
7591	ZM_011_A2_C10		
7592	ZM_011_A2_C11	ZM_011_A2_C11_T7C	ZM_011_A2_C11_MR
7593	ZM_011_A2_C11		
7594	ZM_011_A2_C12	ZM_011_A2_C12_T7C	ZM_011_A2_C12_MR
7595	ZM_011_A2_C12		
7596	ZM_011_A2_D01	ZM_011_A2_D01_T7C	ZM_011_A2_D01_MR
7597	ZM_011_A2_D01		
7598	ZM_011_A2_D02	ZM_011_A2_D02_T7C	ZM_011_A2_D02_MR
7599	ZM_011_A2_D02		
7600	ZM_011_A2_D03	ZM_011_A2_D03_T7C	ZM_011_A2_D03_MR
7601	ZM_011_A2_D03		
7602	ZM_011_A2_D04	ZM_011_A2_D04_T7C	ZM_011_A2_D04_MR
7603	ZM_011_A2_D04		
7604	ZM_011_A2_D05	ZM_011_A2_D05_T7C	ZM_011_A2_D06_MR
7605	ZM_011_A2_D06		
7606	ZM_011_A2_D07	ZM_011_A2_D07_T7C	ZM_011_A2_D07_MR
7607	ZM_011_A2_D07		
7608	ZM_011_A2_D08	ZM_011_A2_D08_T7C	ZM_011_A2_D08_MR
7609	ZM_011_A2_D08		ZM_011_A2_D09_MR
7610	ZM_011_A2_D09		
7611	ZM_011_A2_D10	ZM_011_A2_D10_T7C	ZM_011_A2_D10_MR
7612	ZM_011_A2_D10		
7613	ZM_011_A2_D11	ZM_011_A2_D11_T7C	ZM_011_A2_D11_MR
7614	ZM_011_A2_D11		
7615	ZM_011_A2_D12	ZM_011_A2_D12_T7C	ZM_011_A2_D12_MR
7616	ZM_011_A2_D12		
7617	ZM_011_A2_E01	ZM_011_A2_E01_T7C	ZM_011_A2_E01_MR
7618	ZM_011_A2_E01		
7619	ZM_011_A2_E02	ZM_011_A2_E02_T7C	ZM_011_A2_E02_MR
7620	ZM_011_A2_E02		
7621	ZM_011_A2_E03	ZM_011_A2_E03_T7C	
7622	ZM_011_A2_E04	ZM_011_A2_E04_T7C	ZM_011_A2_E04_MR
7623	ZM_011_A2_E04		
7624	ZM_011_A2_E05	ZM_011_A2_E05_T7C	ZM_011_A2_E05_MR
7625	ZM_011_A2_E05		
7626	ZM_011_A2_E06	ZM_011_A2_E06_T7C	
7627	ZM_011_A2_E07	ZM_011_A2_E07_T7C	ZM_011_A2_E07_MR
7628	ZM_011_A2_E07		
7629	ZM_011_A2_E08	ZM_011_A2_E08_T7C	ZM_011_A2_E09_MR
7630	ZM_011_A2_E09		
7631	ZM_011_A2_E10	ZM_011_A2_E10_T7C	ZM_011_A2_E10_MR
7632	ZM_011_A2_E10		
7633	ZM_011_A2_E11	ZM_011_A2_E11_T7C	ZM_011_A2_E11_MR
7634	ZM_011_A2_E11		
7635	ZM_011_A2_E12	ZM_011_A2_E12_T7C	ZM_011_A2_E12_MR
7636	ZM_011_A2_E12		
7637	ZM_011_A2_F01	ZM_011_A2_F01_T7C	ZM_011_A2_F02_MR
7638	ZM_011_A2_F02		ZM_011_A2_F03_MR
7639	ZM_011_A2_F03		
7640	ZM_011_A2_F04	ZM_011_A2_F04_T7C	ZM_011_A2_F04_MR
7641	ZM_011_A2_F04		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7642	ZM_011_A2_F06	ZM_011_A2_F06_T7C	
7643	ZM_011_A2_F06		ZM_011_A2_F06_MR
7644	ZM_011_A2_F07	ZM_011_A2_F07_T7C	
7645	ZM_011_A2_F07		ZM_011_A2_F07_MR
7646	ZM_011_A2_F08	ZM_011_A2_F08_T7C	
7647	ZM_011_A2_F08		ZM_011_A2_F08_MR
7648	ZM_011_A2_F09	ZM_011_A2_F09_T7C	
7649	ZM_011_A2_F10	ZM_011_A2_F10_T7C	
7650	ZM_011_A2_F10		ZM_011_A2_F10_MR
7651	ZM_011_A2_F11	ZM_011_A2_F11_T7C	
7652	ZM_011_A2_F11		ZM_011_A2_F11_MR
7653	ZM_011_A2_F12	ZM_011_A2_F12_T7C	
7654	ZM_011_A2_F12		ZM_011_A2_F12_MR
7655	ZM_011_A2_G01	ZM_011_A2_G01_T7C	
7656	ZM_011_A2_G01		ZM_011_A2_G01_MR
7657	ZM_011_A2_G02		ZM_011_A2_G02_MR
7658	ZM_011_A2_G03	ZM_011_A2_G03_T7C	
7659	ZM_011_A2_G03		ZM_011_A2_G03_MR
7660	ZM_011_A2_G05	ZM_011_A2_G05_T7C	
7661	ZM_011_A2_G05		ZM_011_A2_G05_MR
7662	ZM_011_A2_G06	ZM_011_A2_G06_T7C	
7663	ZM_011_A2_G06		ZM_011_A2_G06_MR
7664	ZM_011_A2_G07	ZM_011_A2_G07_T7C	
7665	ZM_011_A2_G07		ZM_011_A2_G07_MR
7666	ZM_011_A2_G08	ZM_011_A2_G08_T7C	
7667	ZM_011_A2_G08		ZM_011_A2_G08_MR
7668	ZM_011_A2_G09		ZM_011_A2_G09_MR
7669	ZM_011_A2_G11	ZM_011_A2_G11_T7C	
7670	ZM_011_A2_G11		ZM_011_A2_G11_MR
7671	ZM_011_A2_G12	ZM_011_A2_G12_T7C	
7672	ZM_011_A2_G12		ZM_011_A2_G12_MR
7673	ZM_011_A2_H01	ZM_011_A2_H01_T7C	
7674	ZM_011_A2_H01		ZM_011_A2_H01_MR
7675	ZM_011_A2_H02		ZM_011_A2_H02_MR
7676	ZM_011_A2_H03		ZM_011_A2_H03_MR
7677	ZM_011_A2_H04	ZM_011_A2_H04_T7C	
7678	ZM_011_A2_H04		ZM_011_A2_H04_MR
7679	ZM_011_A2_H05	ZM_011_A2_H05_T7C	
7680	ZM_011_A2_H06	ZM_011_A2_H06_T7C	
7681	ZM_011_A2_H07	ZM_011_A2_H07_T7C	
7682	ZM_011_A2_H07		ZM_011_A2_H07_MR
7683	ZM_011_A2_H08		ZM_011_A2_H08_MR
7684	ZM_011_A2_H11	ZM_011_A2_H11_T7C	
7685	ZM_011_A2_H11		ZM_011_A2_H11_MR
7686	ZM_011_A2_H12	ZM_011_A2_H12_T7C	
7687	ZM_011_A2_H12		ZM_011_A2_H12_MR
7688	ZM_011_B1_A02	ZM_011_B1_A02_T7C	
7689	ZM_011_B1_A04	ZM_011_B1_A04_T7C	
7690	ZM_011_B1_A04		ZM_011_B1_A04_MR
7691	ZM_011_B1_A05	ZM_011_B1_A05_T7C	
7692	ZM_011_B1_A05		ZM_011_B1_A05_MR
7693	ZM_011_B1_A06	ZM_011_B1_A06_T7C	
7694	ZM_011_B1_A06		ZM_011_B1_A06_MR
7695	ZM_011_B1_A07	ZM_011_B1_A07_T7C	
7696	ZM_011_B1_A07		ZM_011_B1_A07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7697	ZM_011_B1_A08	ZM_011_B1_A08_T7C	
7698	ZM_011_B1_A08		ZM_011_B1_A08_MR
7699	ZM_011_B1_A09	ZM_011_B1_A09_T7C	
7700	ZM_011_B1_A09		ZM_011_B1_A09_MR
7701	ZM_011_B1_A10	ZM_011_B1_A10_T7C	
7702	ZM_011_B1_A10		ZM_011_B1_A10_MR
7703	ZM_011_B1_A11	ZM_011_B1_A11_T7C	
7704	ZM_011_B1_A11		ZM_011_B1_A11_MR
7705	ZM_011_B1_A12	ZM_011_B1_A12_T7C	
7706	ZM_011_B1_A12		ZM_011_B1_A12_MR
7707	ZM_011_B1_B01	ZM_011_B1_B01_T7C	
7708	ZM_011_B1_B01		ZM_011_B1_B01_MR
7709	ZM_011_B1_B02	ZM_011_B1_B02_T7C	
7710	ZM_011_B1_B02		ZM_011_B1_B02_MR
7711	ZM_011_B1_B03	ZM_011_B1_B03_T7C	
7712	ZM_011_B1_B03		ZM_011_B1_B03_MR
7713	ZM_011_B1_B04	ZM_011_B1_B04_T7C	
7714	ZM_011_B1_B04		ZM_011_B1_B04_MR
7715	ZM_011_B1_B05	ZM_011_B1_B05_T7C	
7716	ZM_011_B1_B05		ZM_011_B1_B05_MR
7717	ZM_011_B1_B06	ZM_011_B1_B06_T7C	
7718	ZM_011_B1_B06		ZM_011_B1_B06_MR
7719	ZM_011_B1_B07	ZM_011_B1_B07_T7C	
7720	ZM_011_B1_B07		ZM_011_B1_B07_MR
7721	ZM_011_B1_B08	ZM_011_B1_B08_T7C	
7722	ZM_011_B1_B09	ZM_011_B1_B09_T7C	
7723	ZM_011_B1_B09		ZM_011_B1_B09_MR
7724	ZM_011_B1_B10	ZM_011_B1_B10_T7C	
7725	ZM_011_B1_B10		ZM_011_B1_B10_MR
7726	ZM_011_B1_B11	ZM_011_B1_B11_T7C	
7727	ZM_011_B1_B11		ZM_011_B1_B11_MR
7728	ZM_011_B1_B12	ZM_011_B1_B12_T7C	
7729	ZM_011_B1_B12		ZM_011_B1_B12_MR
7730	ZM_011_B1_C01	ZM_011_B1_C01_T7C	
7731	ZM_011_B1_C01		ZM_011_B1_C01_MR
7732	ZM_011_B1_C02	ZM_011_B1_C02_T7C	
7733	ZM_011_B1_C02		ZM_011_B1_C02_MR
7734	ZM_011_B1_C04	ZM_011_B1_C04_T7C	
7735	ZM_011_B1_C04		ZM_011_B1_C04_MR
7736	ZM_011_B1_C05	ZM_011_B1_C05_T7C	
7737	ZM_011_B1_C05		ZM_011_B1_C05_MR
7738	ZM_011_B1_C06	ZM_011_B1_C06_T7C	
7739	ZM_011_B1_C06		ZM_011_B1_C06_MR
7740	ZM_011_B1_C07	ZM_011_B1_C07_T7C	
7741	ZM_011_B1_C07		ZM_011_B1_C07_MR
7742	ZM_011_B1_C08	ZM_011_B1_C08_T7C	
7743	ZM_011_B1_C08		ZM_011_B1_C08_MR
7744	ZM_011_B1_C09	ZM_011_B1_C09_T7C	
7745	ZM_011_B1_C09		ZM_011_B1_C09_MR
7746	ZM_011_B1_C10	ZM_011_B1_C10_T7C	
7747	ZM_011_B1_C10		ZM_011_B1_C10_MR
7748	ZM_011_B1_C11	ZM_011_B1_C11_T7C	
7749	ZM_011_B1_C11		ZM_011_B1_C11_MR
7750	ZM_011_B1_C12	ZM_011_B1_C12_T7C	
7751	ZM_011_B1_C12		ZM_011_B1_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7752	ZM_011_B1_D01	ZM_011_B1_D01_T7C	
7753	ZM_011_B1_D01		ZM_011_B1_D01_MR
7754	ZM_011_B1_D02	ZM_011_B1_D02_T7C	
7755	ZM_011_B1_D02		ZM_011_B1_D02_MR
7756	ZM_011_B1_D03	ZM_011_B1_D03_T7C	
7757	ZM_011_B1_D03		ZM_011_B1_D03_MR
7758	ZM_011_B1_D04	ZM_011_B1_D04_T7C	
7759	ZM_011_B1_D04		ZM_011_B1_D04_MR
7760	ZM_011_B1_D05	ZM_011_B1_D05_T7C	
7761	ZM_011_B1_D05		ZM_011_B1_D05_MR
7762	ZM_011_B1_D06	ZM_011_B1_D06_T7C	
7763	ZM_011_B1_D06		ZM_011_B1_D06_MR
7764	ZM_011_B1_D07	ZM_011_B1_D07_T7C	
7765	ZM_011_B1_D07		ZM_011_B1_D07_MR
7766	ZM_011_B1_D08	ZM_011_B1_D08_T7C	
7767	ZM_011_B1_D08		ZM_011_B1_D08_MR
7768	ZM_011_B1_D09	ZM_011_B1_D09_T7C	
7769	ZM_011_B1_D09		ZM_011_B1_D09_MR
7770	ZM_011_B1_D10	ZM_011_B1_D10_T7C	
7771	ZM_011_B1_D10		ZM_011_B1_D10_MR
7772	ZM_011_B1_D11	ZM_011_B1_D11_T7C	
7773	ZM_011_B1_D11		ZM_011_B1_D11_MR
7774	ZM_011_B1_D12		ZM_011_B1_D12_MR
7775	ZM_011_B1_E02	ZM_011_B1_E02_T7C	
7776	ZM_011_B1_E02		ZM_011_B1_E02_MR
7777	ZM_011_B1_E03	ZM_011_B1_E03_T7C	
7778	ZM_011_B1_E04	ZM_011_B1_E04_T7C	
7779	ZM_011_B1_E04		ZM_011_B1_E04_MR
7780	ZM_011_B1_E05	ZM_011_B1_E05_T7C	
7781	ZM_011_B1_E05		ZM_011_B1_E05_MR
7782	ZM_011_B1_E07	ZM_011_B1_E07_T7C	
7783	ZM_011_B1_E07		ZM_011_B1_E07_MR
7784	ZM_011_B1_E08	ZM_011_B1_E08_T7C	
7785	ZM_011_B1_E08		ZM_011_B1_E08_MR
7786	ZM_011_B1_E09	ZM_011_B1_E09_T7C	
7787	ZM_011_B1_E09		ZM_011_B1_E09_MR
7788	ZM_011_B1_E10	ZM_011_B1_E10_T7C	
7789	ZM_011_B1_E10		ZM_011_B1_E10_MR
7790	ZM_011_B1_E11	ZM_011_B1_E11_T7C	
7791	ZM_011_B1_E11		ZM_011_B1_E11_MR
7792	ZM_011_B1_E12		ZM_011_B1_E12_MR
7793	ZM_011_B1_F01	ZM_011_B1_F01_T7C	
7794	ZM_011_B1_F01		ZM_011_B1_F01_MR
7795	ZM_011_B1_F02	ZM_011_B1_F02_T7C	
7796	ZM_011_B1_F02		ZM_011_B1_F02_MR
7797	ZM_011_B1_F03	ZM_011_B1_F03_T7C	
7798	ZM_011_B1_F04	ZM_011_B1_F04_T7C	
7799	ZM_011_B1_F04		ZM_011_B1_F04_MR
7800	ZM_011_B1_F05	ZM_011_B1_F05_T7C	
7801	ZM_011_B1_F05		ZM_011_B1_F05_MR
7802	ZM_011_B1_F06	ZM_011_B1_F06_T7C	
7803	ZM_011_B1_F06		ZM_011_B1_F06_MR
7804	ZM_011_B1_F07	ZM_011_B1_F07_T7C	
7805	ZM_011_B1_F07		ZM_011_B1_F07_MR
7806	ZM_011_B1_F08	ZM_011_B1_F08_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7807	ZM_011_B1_F08		ZM_011_B1_F08_MR
7808	ZM_011_B1_F09		ZM_011_B1_F09_MR
7809	ZM_011_B1_F10	ZM_011_B1_F10_T7C	
7810	ZM_011_B1_F10		ZM_011_B1_F10_MR
7811	ZM_011_B1_F11	ZM_011_B1_F11_T7C	
7812	ZM_011_B1_F11		ZM_011_B1_F11_MR
7813	ZM_011_B1_F12	ZM_011_B1_F12_T7C	
7814	ZM_011_B1_F12		ZM_011_B1_F12_MR
7815	ZM_011_B1_G01	ZM_011_B1_G01_T7C	
7816	ZM_011_B1_G01		ZM_011_B1_G01_MR
7817	ZM_011_B1_G02	ZM_011_B1_G02_T7C	
7818	ZM_011_B1_G02		ZM_011_B1_G02_MR
7819	ZM_011_B1_G03	ZM_011_B1_G03_T7C	
7820	ZM_011_B1_G04	ZM_011_B1_G04_T7C	
7821	ZM_011_B1_G04		ZM_011_B1_G04_MR
7822	ZM_011_B1_G05	ZM_011_B1_G05_T7C	
7823	ZM_011_B1_G05		ZM_011_B1_G05_MR
7824	ZM_011_B1_G06	ZM_011_B1_G06_T7C	
7825	ZM_011_B1_G06		ZM_011_B1_G06_MR
7826	ZM_011_B1_G07	ZM_011_B1_G07_T7C	
7827	ZM_011_B1_G07		ZM_011_B1_G07_MR
7828	ZM_011_B1_G08	ZM_011_B1_G08_T7C	
7829	ZM_011_B1_G08		ZM_011_B1_G08_MR
7830	ZM_011_B1_G10	ZM_011_B1_G10_T7C	
7831	ZM_011_B1_G10		ZM_011_B1_G10_MR
7832	ZM_011_B1_G11	ZM_011_B1_G11_T7C	
7833	ZM_011_B1_G11		ZM_011_B1_G11_MR
7834	ZM_011_B1_G12	ZM_011_B1_G12_T7C	
7835	ZM_011_B1_G12		ZM_011_B1_G12_MR
7836	ZM_011_B1_H01	ZM_011_B1_H01_T7C	
7837	ZM_011_B1_H01		ZM_011_B1_H01_MR
7838	ZM_011_B1_H02	ZM_011_B1_H02_T7C	
7839	ZM_011_B1_H02		ZM_011_B1_H02_MR
7840	ZM_011_B1_H03	ZM_011_B1_H03_T7C	
7841	ZM_011_B1_H03		ZM_011_B1_H03_MR
7842	ZM_011_B1_H04	ZM_011_B1_H04_T7C	
7843	ZM_011_B1_H04		ZM_011_B1_H04_MR
7844	ZM_011_B1_H05	ZM_011_B1_H05_T7C	
7845	ZM_011_B1_H05		ZM_011_B1_H05_MR
7846	ZM_011_B1_H06	ZM_011_B1_H06_T7C	
7847	ZM_011_B1_H06		ZM_011_B1_H06_MR
7848	ZM_011_B1_H07	ZM_011_B1_H07_T7C	
7849	ZM_011_B1_H07		ZM_011_B1_H07_MR
7850	ZM_011_B1_H08	ZM_011_B1_H08_T7C	
7851	ZM_011_B1_H08		ZM_011_B1_H08_MR
7852	ZM_011_B1_H09		ZM_011_B1_H09_MR
7853	ZM_011_B1_H10	ZM_011_B1_H10_T7C	
7854	ZM_011_B1_H10		ZM_011_B1_H10_MR
7855	ZM_011_B1_H11	ZM_011_B1_H11_T7C	
7856	ZM_011_B1_H11		ZM_011_B1_H11_MR
7857	ZM_011_B1_H12	ZM_011_B1_H12_T7C	
7858	ZM_011_B1_H12		ZM_011_B1_H12_MR
7859	ZM_011_B2_A09		ZM_011_B2_A09_MR
7860	ZM_011_B2_B01		ZM_011_B2_B01_MR
7861	ZM_011_B2_B03		ZM_011_B2_B03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7862	ZM_011_B2_B07		ZM_011_B2_B07_MR
7863	ZM_011_B2_B09		ZM_011_B2_B09_MR
7864	ZM_011_B2_C01		ZM_011_B2_C01_MR
7865	ZM_011_B2_C05		ZM_011_B2_C05_MR
7866	ZM_011_B2_C07		ZM_011_B2_C07_MR
7867	ZM_011_B2_C08		ZM_011_B2_C08_MR
7868	ZM_011_B2_C09		ZM_011_B2_C09_MR
7869	ZM_011_B2_C11		ZM_011_B2_C11_MR
7870	ZM_011_B2_C12		ZM_011_B2_C12_MR
7871	ZM_011_B2_D02	ZM_011_B2_D02_T7C	
7872	ZM_011_B2_D02		ZM_011_B2_D02_MR
7873	ZM_011_B2_D06		ZM_011_B2_D06_MR
7874	ZM_011_B2_D07	ZM_011_B2_D07_T7C	
7875	ZM_011_B2_D11		ZM_011_B2_D11_MR
7876	ZM_011_B2_E01		ZM_011_B2_E01_MR
7877	ZM_011_B2_E02		ZM_011_B2_E02_MR
7878	ZM_011_B2_E09		ZM_011_B2_E09_MR
7879	ZM_011_B2_F01		ZM_011_B2_F01_MR
7880	ZM_011_B2_F04		ZM_011_B2_F04_MR
7881	ZM_011_B2_F09		ZM_011_B2_F09_MR
7882	ZM_011_B2_F11		ZM_011_B2_F11_MR
7883	ZM_011_B2_G01		ZM_011_B2_G01_MR
7884	ZM_011_B2_G11		ZM_011_B2_G11_MR
7885	ZM_011_B2_H02		ZM_011_B2_H02_MR
7886	ZM_011_B2_H07		ZM_011_B2_H07_MR
7887	ZM_012_A1_A01	ZM_012_A1_A01_T7	
7888	ZM_012_A1_A01		ZM_012_A1_A01_MR
7889	ZM_012_A1_A02	ZM_012_A1_A02_T7	
7890	ZM_012_A1_A02		ZM_012_A1_A02_MR
7891	ZM_012_A1_A03	ZM_012_A1_A03_T7	
7892	ZM_012_A1_A03		ZM_012_A1_A03_MR
7893	ZM_012_A1_A04	ZM_012_A1_A04_T7	
7894	ZM_012_A1_A05	ZM_012_A1_A05_T7	
7895	ZM_012_A1_A06	ZM_012_A1_A06_T7	
7896	ZM_012_A1_A07	ZM_012_A1_A07_T7	
7897	ZM_012_A1_A07		ZM_012_A1_A07_MR
7898	ZM_012_A1_A08	ZM_012_A1_A08_T7	
7899	ZM_012_A1_A08		ZM_012_A1_A08_MR
7900	ZM_012_A1_A09	ZM_012_A1_A09_T7	
7901	ZM_012_A1_A09		ZM_012_A1_A09_MR
7902	ZM_012_A1_A10	ZM_012_A1_A10_T7	
7903	ZM_012_A1_A10		ZM_012_A1_A10_MR
7904	ZM_012_A1_A11	ZM_012_A1_A11_T7	
7905	ZM_012_A1_A11		ZM_012_A1_A11_MR
7906	ZM_012_A1_A12	ZM_012_A1_A12_T7	
7907	ZM_012_A1_A12		ZM_012_A1_A12_MR
7908	ZM_012_A1_B01	ZM_012_A1_B01_T7	
7909	ZM_012_A1_B01		ZM_012_A1_B01_MR
7910	ZM_012_A1_B02		ZM_012_A1_B02_MR
7911	ZM_012_A1_B03	ZM_012_A1_B03_T7	
7912	ZM_012_A1_B03		ZM_012_A1_B03_MR
7913	ZM_012_A1_B04	ZM_012_A1_B04_T7	
7914	ZM_012_A1_B04		ZM_012_A1_B04_MR
7915	ZM_012_A1_B06	ZM_012_A1_B06_T7	
7916	ZM_012_A1_B06		ZM_012_A1_B06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7917	ZM_012_A1_B07	ZM_012_A1_B07_T7	
7918	ZM_012_A1_B08	ZM_012_A1_B08_T7	
7919	ZM_012_A1_B08		ZM_012_A1_B08_MR
7920	ZM_012_A1_B09	ZM_012_A1_B09_T7	
7921	ZM_012_A1_B09		ZM_012_A1_B09_MR
7922	ZM_012_A1_B10	ZM_012_A1_B10_T7	
7923	ZM_012_A1_B10		ZM_012_A1_B10_MR
7924	ZM_012_A1_B11	ZM_012_A1_B11_T7	
7925	ZM_012_A1_B11		ZM_012_A1_B11_MR
7926	ZM_012_A1_B12	ZM_012_A1_B12_T7	
7927	ZM_012_A1_B12		ZM_012_A1_B12_MR
7928	ZM_012_A1_C01	ZM_012_A1_C01_T7	
7929	ZM_012_A1_C01		ZM_012_A1_C01_MR
7930	ZM_012_A1_C02	ZM_012_A1_C02_T7	
7931	ZM_012_A1_C03	ZM_012_A1_C03_T7	
7932	ZM_012_A1_C03		ZM_012_A1_C03_MR
7933	ZM_012_A1_C04	ZM_012_A1_C04_T7	
7934	ZM_012_A1_C04		ZM_012_A1_C04_MR
7935	ZM_012_A1_C05	ZM_012_A1_C05_T7	
7936	ZM_012_A1_C05		ZM_012_A1_C05_MR
7937	ZM_012_A1_C06	ZM_012_A1_C06_T7	
7938	ZM_012_A1_C07	ZM_012_A1_C07_T7	
7939	ZM_012_A1_C07		ZM_012_A1_C07_MR
7940	ZM_012_A1_C08	ZM_012_A1_C08_T7	
7941	ZM_012_A1_C08		ZM_012_A1_C08_MR
7942	ZM_012_A1_C09		ZM_012_A1_C09_MR
7943	ZM_012_A1_C10	ZM_012_A1_C10_T7	
7944	ZM_012_A1_C10		ZM_012_A1_C10_MR
7945	ZM_012_A1_C11	ZM_012_A1_C11_T7	
7946	ZM_012_A1_C11		ZM_012_A1_C11_MR
7947	ZM_012_A1_C12		ZM_012_A1_C12_MR
7948	ZM_012_A1_D01		ZM_012_A1_D01_MR
7949	ZM_012_A1_D02		ZM_012_A1_D02_MR
7950	ZM_012_A1_D03	ZM_012_A1_D03_T7	
7951	ZM_012_A1_D03		ZM_012_A1_D03_MR
7952	ZM_012_A1_D04	ZM_012_A1_D04_T7	
7953	ZM_012_A1_D04		ZM_012_A1_D04_MR
7954	ZM_012_A1_D05		ZM_012_A1_D05_MR
7955	ZM_012_A1_D06	ZM_012_A1_D06_T7	
7956	ZM_012_A1_D07	ZM_012_A1_D07_T7	
7957	ZM_012_A1_D07		ZM_012_A1_D07_MR
7958	ZM_012_A1_D08	ZM_012_A1_D08_T7	
7959	ZM_012_A1_D08		ZM_012_A1_D08_MR
7960	ZM_012_A1_D09		ZM_012_A1_D09_MR
7961	ZM_012_A1_D10	ZM_012_A1_D10_T7	
7962	ZM_012_A1_D11	ZM_012_A1_D11_T7	
7963	ZM_012_A1_D11		ZM_012_A1_D11_MR
7964	ZM_012_A1_D12		ZM_012_A1_D12_MR
7965	ZM_012_A1_E01	ZM_012_A1_E01_T7	
7966	ZM_012_A1_E01		ZM_012_A1_E01_MR
7967	ZM_012_A1_E02		ZM_012_A1_E02_MR
7968	ZM_012_A1_E03	ZM_012_A1_E03_T7	
7969	ZM_012_A1_E03		ZM_012_A1_E03_MR
7970	ZM_012_A1_E04		ZM_012_A1_E04_MR
7971	ZM_012_A1_E05	ZM_012_A1_E05_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
7972	ZM_012_A1_E05		ZM_012_A1_E05_MR
7973	ZM_012_A1_E06	ZM_012_A1_E06_T7	
7974	ZM_012_A1_E07	ZM_012_A1_E07_T7	
7975	ZM_012_A1_E07		ZM_012_A1_E07_MR
7976	ZM_012_A1_E08	ZM_012_A1_E08_T7	
7977	ZM_012_A1_E08		ZM_012_A1_E08_MR
7978	ZM_012_A1_E09	ZM_012_A1_E09_T7	
7979	ZM_012_A1_E09		ZM_012_A1_E09_MR
7980	ZM_012_A1_E10	ZM_012_A1_E10_T7	
7981	ZM_012_A1_E10		ZM_012_A1_E10_MR
7982	ZM_012_A1_E11	ZM_012_A1_E11_T7	
7983	ZM_012_A1_E11		ZM_012_A1_E11_MR
7984	ZM_012_A1_E12		ZM_012_A1_E12_MR
7985	ZM_012_A1_F01	ZM_012_A1_F01_T7	
7986	ZM_012_A1_F01		ZM_012_A1_F01_MR
7987	ZM_012_A1_F02		ZM_012_A1_F02_MR
7988	ZM_012_A1_F03	ZM_012_A1_F03_T7	
7989	ZM_012_A1_F03		ZM_012_A1_F03_MR
7990	ZM_012_A1_F04	ZM_012_A1_F04_T7	
7991	ZM_012_A1_F04		ZM_012_A1_F04_MR
7992	ZM_012_A1_F05	ZM_012_A1_F05_T7	
7993	ZM_012_A1_F06	ZM_012_A1_F06_T7	
7994	ZM_012_A1_F06		ZM_012_A1_F06_MR
7995	ZM_012_A1_F07	ZM_012_A1_F07_T7	
7996	ZM_012_A1_F07		ZM_012_A1_F07_MR
7997	ZM_012_A1_F08	ZM_012_A1_F08_T7	
7998	ZM_012_A1_F08		ZM_012_A1_F08_MR
7999	ZM_012_A1_F09	ZM_012_A1_F09_T7	
8000	ZM_012_A1_F09		ZM_012_A1_F09_MR
8001	ZM_012_A1_F10	ZM_012_A1_F10_T7	
8002	ZM_012_A1_F10		ZM_012_A1_F10_MR
8003	ZM_012_A1_F11	ZM_012_A1_F11_T7	
8004	ZM_012_A1_F11		ZM_012_A1_F11_MR
8005	ZM_012_A1_F12	ZM_012_A1_F12_T7	
8006	ZM_012_A1_F12		ZM_012_A1_F12_MR
8007	ZM_012_A1_G01	ZM_012_A1_G01_T7	
8008	ZM_012_A1_G01		ZM_012_A1_G01_MR
8009	ZM_012_A1_G03	ZM_012_A1_G03_T7	
8010	ZM_012_A1_G03		ZM_012_A1_G03_MR
8011	ZM_012_A1_G04	ZM_012_A1_G04_T7	
8012	ZM_012_A1_G04		ZM_012_A1_G04_MR
8013	ZM_012_A1_G05		ZM_012_A1_G05_MR
8014	ZM_012_A1_G06	ZM_012_A1_G06_T7	
8015	ZM_012_A1_G07	ZM_012_A1_G07_T7	
8016	ZM_012_A1_G07		ZM_012_A1_G07_MR
8017	ZM_012_A1_G08	ZM_012_A1_G08_T7	
8018	ZM_012_A1_G09	ZM_012_A1_G09_T7	
8019	ZM_012_A1_G09		ZM_012_A1_G09_MR
8020	ZM_012_A1_G10	ZM_012_A1_G10_T7	
8021	ZM_012_A1_G10		ZM_012_A1_G10_MR
8022	ZM_012_A1_G11	ZM_012_A1_G11_T7	
8023	ZM_012_A1_G11		ZM_012_A1_G11_MR
8024	ZM_012_A1_G12	ZM_012_A1_G12_T7	
8025	ZM_012_A1_G12		ZM_012_A1_G12_MR
8026	ZM_012_A1_H01	ZM_012_A1_H01_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8027	ZM_012_A1_H03	ZM_012_A1_H03_T7	
8028	ZM_012_A1_H04	ZM_012_A1_H04_T7	
8029	ZM_012_A1_H04		ZM_012_A1_H04_MR
8030	ZM_012_A1_H05	ZM_012_A1_H05_T7	
8031	ZM_012_A1_H05		ZM_012_A1_H05_MR
8032	ZM_012_A1_H06	ZM_012_A1_H06_T7	
8033	ZM_012_A1_H07	ZM_012_A1_H07_T7	
8034	ZM_012_A1_H07		ZM_012_A1_H07_MR
8035	ZM_012_A1_H09	ZM_012_A1_H09_T7	
8036	ZM_012_A1_H09		ZM_012_A1_H09_MR
8037	ZM_012_A1_H10	ZM_012_A1_H10_T7	
8038	ZM_012_A1_H10		ZM_012_A1_H10_MR
8039	ZM_012_A1_H11		ZM_012_A1_H11_MR
8040	ZM_012_A1_H12	ZM_012_A1_H12_T7	
8041	ZM_012_A1_H12		ZM_012_A1_H12_MR
8042	ZM_012_A2_A02		ZM_012_A2_A02_MR
8043	ZM_012_A2_A04		ZM_012_A2_A04_MR
8044	ZM_012_A2_A06		ZM_012_A2_A06_MR
8045	ZM_012_A2_A07		ZM_012_A2_A07_MR
8046	ZM_012_A2_A08		ZM_012_A2_A08_MR
8047	ZM_012_A2_A09		ZM_012_A2_A09_MR
8048	ZM_012_A2_A10		ZM_012_A2_A10_MR
8049	ZM_012_A2_A11		ZM_012_A2_A11_MR
8050	ZM_012_A2_A12		ZM_012_A2_A12_MR
8051	ZM_012_A2_B01		ZM_012_A2_B01_MR
8052	ZM_012_A2_B02		ZM_012_A2_B02_MR
8053	ZM_012_A2_B03		ZM_012_A2_B03_MR
8054	ZM_012_A2_B04		ZM_012_A2_B04_MR
8055	ZM_012_A2_B05		ZM_012_A2_B05_MR
8056	ZM_012_A2_B06		ZM_012_A2_B06_MR
8057	ZM_012_A2_B07		ZM_012_A2_B07_MR
8058	ZM_012_A2_B08		ZM_012_A2_B08_MR
8059	ZM_012_A2_B09		ZM_012_A2_B09_MR
8060	ZM_012_A2_B10		ZM_012_A2_B10_MR
8061	ZM_012_A2_B11		ZM_012_A2_B11_MR
8062	ZM_012_A2_B12		ZM_012_A2_B12_MR
8063	ZM_012_A2_C01		ZM_012_A2_C01_MR
8064	ZM_012_A2_C02		ZM_012_A2_C02_MR
8065	ZM_012_A2_C04		ZM_012_A2_C04_MR
8066	ZM_012_A2_C05		ZM_012_A2_C05_MR
8067	ZM_012_A2_C07		ZM_012_A2_C07_MR
8068	ZM_012_A2_C08		ZM_012_A2_C08_MR
8069	ZM_012_A2_C09		ZM_012_A2_C09_MR
8070	ZM_012_A2_C11		ZM_012_A2_C11_MR
8071	ZM_012_A2_C12		ZM_012_A2_C12_MR
8072	ZM_012_A2_D01		ZM_012_A2_D01_MR
8073	ZM_012_A2_D02		ZM_012_A2_D02_MR
8074	ZM_012_A2_D03		ZM_012_A2_D03_MR
8075	ZM_012_A2_D04		ZM_012_A2_D04_MR
8076	ZM_012_A2_D05		ZM_012_A2_D05_MR
8077	ZM_012_A2_D06		ZM_012_A2_D06_MR
8078	ZM_012_A2_D07		ZM_012_A2_D07_MR
8079	ZM_012_A2_D08		ZM_012_A2_D08_MR
8080	ZM_012_A2_D09		ZM_012_A2_D09_MR
8081	ZM_012_A2_D10		ZM_012_A2_D10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8082	ZM_012_A2_D11		ZM_012_A2_D11_MR
8083	ZM_012_A2_D12		ZM_012_A2_D12_MR
8084	ZM_012_A2_E02		ZM_012_A2_E02_MR
8085	ZM_012_A2_E03		ZM_012_A2_E03_MR
8086	ZM_012_A2_E05		ZM_012_A2_E05_MR
8087	ZM_012_A2_E06		ZM_012_A2_E06_MR
8088	ZM_012_A2_E08		ZM_012_A2_E08_MR
8089	ZM_012_A2_E10		ZM_012_A2_E10_MR
8090	ZM_012_A2_E11		ZM_012_A2_E11_MR
8091	ZM_012_A2_E12		ZM_012_A2_E12_MR
8092	ZM_012_A2_F01		ZM_012_A2_F01_MR
8093	ZM_012_A2_F02		ZM_012_A2_F02_MR
8094	ZM_012_A2_F03		ZM_012_A2_F03_MR
8095	ZM_012_A2_F04		ZM_012_A2_F04_MR
8096	ZM_012_A2_F05		ZM_012_A2_F05_MR
8097	ZM_012_A2_F06		ZM_012_A2_F06_MR
8098	ZM_012_A2_F07		ZM_012_A2_F07_MR
8099	ZM_012_A2_F08		ZM_012_A2_F08_MR
8100	ZM_012_A2_F09		ZM_012_A2_F09_MR
8101	ZM_012_A2_F10		ZM_012_A2_F10_MR
8102	ZM_012_A2_F11		ZM_012_A2_F11_MR
8103	ZM_012_A2_F12		ZM_012_A2_F12_MR
8104	ZM_012_A2_G01		ZM_012_A2_G01_MR
8105	ZM_012_A2_G02		ZM_012_A2_G02_MR
8106	ZM_012_A2_G03		ZM_012_A2_G03_MR
8107	ZM_012_A2_G04		ZM_012_A2_G04_MR
8108	ZM_012_A2_G06		ZM_012_A2_G06_MR
8109	ZM_012_A2_G07		ZM_012_A2_G07_MR
8110	ZM_012_A2_G08		ZM_012_A2_G08_MR
8111	ZM_012_A2_G09		ZM_012_A2_G09_MR
8112	ZM_012_A2_G10		ZM_012_A2_G10_MR
8113	ZM_012_A2_G11		ZM_012_A2_G11_MR
8114	ZM_012_A2_G12		ZM_012_A2_G12_MR
8115	ZM_012_A2_H01		ZM_012_A2_H01_MR
8116	ZM_012_A2_H02		ZM_012_A2_H02_MR
8117	ZM_012_A2_H03		ZM_012_A2_H03_MR
8118	ZM_012_A2_H04		ZM_012_A2_H04_MR
8119	ZM_012_A2_H05		ZM_012_A2_H05_MR
8120	ZM_012_A2_H07		ZM_012_A2_H07_MR
8121	ZM_012_A2_H08		ZM_012_A2_H08_MR
8122	ZM_012_A2_H09		ZM_012_A2_H09_MR
8123	ZM_012_A2_H10		ZM_012_A2_H10_MR
8124	ZM_012_A2_H11		ZM_012_A2_H11_MR
8125	ZM_012_A2_H12		ZM_012_A2_H12_MR
8126	ZM_012_B1_A01	ZM_012_B1_A01_T7C	ZM_012_B1_A01_MR
8127	ZM_012_B1_A01		
8128	ZM_012_B1_A02	ZM_012_B1_A02_T7C	ZM_012_B1_A02_MR
8129	ZM_012_B1_A02		
8130	ZM_012_B1_A03	ZM_012_B1_A03_T7C	ZM_012_B1_A03_MR
8131	ZM_012_B1_A03		ZM_012_B1_A04_MR
8132	ZM_012_B1_A04		
8133	ZM_012_B1_A05	ZM_012_B1_A05_T7C	ZM_012_B1_A05_MR
8134	ZM_012_B1_A05		
8135	ZM_012_B1_A06	ZM_012_B1_A06_T7C	ZM_012_B1_A06_MR
8136	ZM_012_B1_A06		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8137	ZM_012_B1_A07	ZM_012_B1_A07_T7C	ZM_012_B1_A07_MR
8138	ZM_012_B1_A07		
8139	ZM_012_B1_A08	ZM_012_B1_A08_T7C	ZM_012_B1_A08_MR
8140	ZM_012_B1_A08		
8141	ZM_012_B1_A09	ZM_012_B1_A09_T7C	ZM_012_B1_A09_MR
8142	ZM_012_B1_A09		
8143	ZM_012_B1_A11	ZM_012_B1_A11_T7C	ZM_012_B1_A11_MR
8144	ZM_012_B1_A11		
8145	ZM_012_B1_A12	ZM_012_B1_A12_T7C	
8146	ZM_012_B1_B01	ZM_012_B1_B01_T7C	ZM_012_B1_B01_MR
8147	ZM_012_B1_B01		
8148	ZM_012_B1_B02	ZM_012_B1_B02_T7C	ZM_012_B1_B02_MR
8149	ZM_012_B1_B02		
8150	ZM_012_B1_B03	ZM_012_B1_B03_T7C	ZM_012_B1_B03_MR
8151	ZM_012_B1_B03		
8152	ZM_012_B1_B04	ZM_012_B1_B04_T7C	ZM_012_B1_B04_MR
8153	ZM_012_B1_B04		
8154	ZM_012_B1_B05	ZM_012_B1_B05_T7C	ZM_012_B1_B05_MR
8155	ZM_012_B1_B05		
8156	ZM_012_B1_B06	ZM_012_B1_B06_T7C	ZM_012_B1_B06_MR
8157	ZM_012_B1_B06		
8158	ZM_012_B1_B07	ZM_012_B1_B07_T7C	ZM_012_B1_B07_MR
8159	ZM_012_B1_B07		
8160	ZM_012_B1_B08	ZM_012_B1_B08_T7C	ZM_012_B1_B08_MR
8161	ZM_012_B1_B08		
8162	ZM_012_B1_B09	ZM_012_B1_B09_T7C	ZM_012_B1_B09_MR
8163	ZM_012_B1_B09		
8164	ZM_012_B1_B10	ZM_012_B1_B10_T7C	ZM_012_B1_B10_MR
8165	ZM_012_B1_B10		
8166	ZM_012_B1_B11	ZM_012_B1_B11_T7C	ZM_012_B1_B11_MR
8167	ZM_012_B1_B11		
8168	ZM_012_B1_B12	ZM_012_B1_B12_T7C	ZM_012_B1_B12_MR
8169	ZM_012_B1_B12		
8170	ZM_012_B1_C01		ZM_012_B1_C01_MR
8171	ZM_012_B1_C02	ZM_012_B1_C02_T7C	ZM_012_B1_C02_MR
8172	ZM_012_B1_C02		
8173	ZM_012_B1_C03	ZM_012_B1_C03_T7C	ZM_012_B1_C03_MR
8174	ZM_012_B1_C03		
8175	ZM_012_B1_C04	ZM_012_B1_C04_T7C	
8176	ZM_012_B1_C05	ZM_012_B1_C05_T7C	ZM_012_B1_C05_MR
8177	ZM_012_B1_C05		
8178	ZM_012_B1_C06	ZM_012_B1_C06_T7C	ZM_012_B1_C06_MR
8179	ZM_012_B1_C06		
8180	ZM_012_B1_C07	ZM_012_B1_C07_T7C	ZM_012_B1_C07_MR
8181	ZM_012_B1_C07		
8182	ZM_012_B1_C08	ZM_012_B1_C08_T7C	ZM_012_B1_C08_MR
8183	ZM_012_B1_C08		
8184	ZM_012_B1_C09	ZM_012_B1_C09_T7C	ZM_012_B1_C09_MR
8185	ZM_012_B1_C09		
8186	ZM_012_B1_C10	ZM_012_B1_C10_T7C	
8187	ZM_012_B1_C11	ZM_012_B1_C11_T7C	ZM_012_B1_C11_MR
8188	ZM_012_B1_C11		
8189	ZM_012_B1_C12	ZM_012_B1_C12_T7C	ZM_012_B1_C12_MR
8190	ZM_012_B1_C12		
8191	ZM_012_B1_D01	ZM_012_B1_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8192	ZM_012_B1_D01		ZM_012_B1_D01_MR
8193	ZM_012_B1_D02	ZM_012_B1_D02_T7C	
8194	ZM_012_B1_D02		ZM_012_B1_D02_MR
8195	ZM_012_B1_D03	ZM_012_B1_D03_T7C	
8196	ZM_012_B1_D03		ZM_012_B1_D03_MR
8197	ZM_012_B1_D04	ZM_012_B1_D04_T7C	
8198	ZM_012_B1_D04		ZM_012_B1_D04_MR
8199	ZM_012_B1_D05	ZM_012_B1_D05_T7C	
8200	ZM_012_B1_D05		ZM_012_B1_D05_MR
8201	ZM_012_B1_D06	ZM_012_B1_D06_T7C	
8202	ZM_012_B1_D06		ZM_012_B1_D06_MR
8203	ZM_012_B1_D07	ZM_012_B1_D07_T7C	
8204	ZM_012_B1_D07		ZM_012_B1_D07_MR
8205	ZM_012_B1_D08	ZM_012_B1_D08_T7C	
8206	ZM_012_B1_D08		ZM_012_B1_D08_MR
8207	ZM_012_B1_D09	ZM_012_B1_D09_T7C	
8208	ZM_012_B1_D09		ZM_012_B1_D09_MR
8209	ZM_012_B1_D10	ZM_012_B1_D10_T7C	
8210	ZM_012_B1_D10		ZM_012_B1_D10_MR
8211	ZM_012_B1_D11	ZM_012_B1_D11_T7C	
8212	ZM_012_B1_D11		ZM_012_B1_D11_MR
8213	ZM_012_B1_D12	ZM_012_B1_D12_T7C	
8214	ZM_012_B1_D12		ZM_012_B1_D12_MR
8215	ZM_012_B1_E01		ZM_012_B1_E01_MR
8216	ZM_012_B1_E02	ZM_012_B1_E02_T7C	
8217	ZM_012_B1_E02		ZM_012_B1_E02_MR
8218	ZM_012_B1_E03	ZM_012_B1_E03_T7C	
8219	ZM_012_B1_E03		ZM_012_B1_E03_MR
8220	ZM_012_B1_E04	ZM_012_B1_E04_T7C	
8221	ZM_012_B1_E06		ZM_012_B1_E06_MR
8222	ZM_012_B1_E07	ZM_012_B1_E07_T7C	
8223	ZM_012_B1_E07		ZM_012_B1_E07_MR
8224	ZM_012_B1_E08	ZM_012_B1_E08_T7C	
8225	ZM_012_B1_E09	ZM_012_B1_E09_T7C	
8226	ZM_012_B1_E10	ZM_012_B1_E10_T7C	
8227	ZM_012_B1_E10		ZM_012_B1_E10_MR
8228	ZM_012_B1_E11	ZM_012_B1_E11_T7C	
8229	ZM_012_B1_E12	ZM_012_B1_E12_T7C	
8230	ZM_012_B1_E12		ZM_012_B1_E12_MR
8231	ZM_012_B1_F01	ZM_012_B1_F01_T7C	
8232	ZM_012_B1_F01		ZM_012_B1_F01_MR
8233	ZM_012_B1_F02		ZM_012_B1_F02_MR
8234	ZM_012_B1_F03	ZM_012_B1_F03_T7C	
8235	ZM_012_B1_F03		ZM_012_B1_F03_MR
8236	ZM_012_B1_F04	ZM_012_B1_F04_T7C	
8237	ZM_012_B1_F04		ZM_012_B1_F04_MR
8238	ZM_012_B1_F05	ZM_012_B1_F05_T7C	
8239	ZM_012_B1_F05		ZM_012_B1_F05_MR
8240	ZM_012_B1_F06	ZM_012_B1_F06_T7C	
8241	ZM_012_B1_F06		ZM_012_B1_F06_MR
8242	ZM_012_B1_F07		ZM_012_B1_F07_MR
8243	ZM_012_B1_F08	ZM_012_B1_F08_T7C	
8244	ZM_012_B1_F08		ZM_012_B1_F08_MR
8245	ZM_012_B1_F09	ZM_012_B1_F09_T7C	
8246	ZM_012_B1_F09		ZM_012_B1_F09_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8247	ZM_012_B1_F10	ZM_012_B1_F10_T7C	ZM_012_B1_F10_MR
8248	ZM_012_B1_F10		ZM_012_B1_F11_MR
8249	ZM_012_B1_F11		
8250	ZM_012_B1_G01	ZM_012_B1_G01_T7C	ZM_012_B1_G01_MR
8251	ZM_012_B1_G01		
8252	ZM_012_B1_G02	ZM_012_B1_G02_T7C	ZM_012_B1_G02_MR
8253	ZM_012_B1_G02		
8254	ZM_012_B1_G04	ZM_012_B1_G04_T7C	ZM_012_B1_G04_MR
8255	ZM_012_B1_G04		
8256	ZM_012_B1_G05	ZM_012_B1_G05_T7C	ZM_012_B1_G05_MR
8257	ZM_012_B1_G05		
8258	ZM_012_B1_G06	ZM_012_B1_G06_T7C	ZM_012_B1_G06_MR
8259	ZM_012_B1_G06		
8260	ZM_012_B1_G07	ZM_012_B1_G07_T7C	ZM_012_B1_G07_MR
8261	ZM_012_B1_G07		
8262	ZM_012_B1_G08	ZM_012_B1_G08_T7C	ZM_012_B1_G08_MR
8263	ZM_012_B1_G08		ZM_012_B1_G09_MR
8264	ZM_012_B1_G09		
8265	ZM_012_B1_G10	ZM_012_B1_G10_T7C	ZM_012_B1_G10_MR
8266	ZM_012_B1_G10		
8267	ZM_012_B1_G11	ZM_012_B1_G11_T7C	ZM_012_B1_G11_MR
8268	ZM_012_B1_G11		ZM_012_B1_G12_MR
8269	ZM_012_B1_G12		
8270	ZM_012_B1_H01	ZM_012_B1_H01_T7C	ZM_012_B1_H01_MR
8271	ZM_012_B1_H01		
8272	ZM_012_B1_H02	ZM_012_B1_H02_T7C	
8273	ZM_012_B1_H03	ZM_012_B1_H03_T7C	
8274	ZM_012_B1_H04	ZM_012_B1_H04_T7C	ZM_012_B1_H04_MR
8275	ZM_012_B1_H04		
8276	ZM_012_B1_H05	ZM_012_B1_H05_T7C	ZM_012_B1_H05_MR
8277	ZM_012_B1_H05		
8278	ZM_012_B1_H06	ZM_012_B1_H06_T7C	ZM_012_B1_H06_MR
8279	ZM_012_B1_H06		
8280	ZM_012_B1_H07	ZM_012_B1_H07_T7C	ZM_012_B1_H07_MR
8281	ZM_012_B1_H07		ZM_012_B1_H08_MR
8282	ZM_012_B1_H08		
8283	ZM_012_B1_H10	ZM_012_B1_H10_T7C	ZM_012_B1_H10_MR
8284	ZM_012_B1_H10		ZM_012_B1_H11_MR
8285	ZM_012_B1_H11		ZM_012_B2_A01_MR
8286	ZM_012_B2_A01		ZM_012_B2_A02_MR
8287	ZM_012_B2_A02		ZM_012_B2_A03_MR
8288	ZM_012_B2_A03		ZM_012_B2_A04_MR
8289	ZM_012_B2_A04		ZM_012_B2_A06_MR
8290	ZM_012_B2_A06		ZM_012_B2_A07_MR
8291	ZM_012_B2_A07		
8292	ZM_012_B2_A08	ZM_012_B2_A08_T7C	ZM_012_B2_A08_MR
8293	ZM_012_B2_A08		ZM_012_B2_A12_MR
8294	ZM_012_B2_A12		
8295	ZM_012_B2_B01	ZM_012_B2_B01_T7C	ZM_012_B2_B01_MR
8296	ZM_012_B2_B01		ZM_012_B2_B02_MR
8297	ZM_012_B2_B02		ZM_012_B2_B04_MR
8298	ZM_012_B2_B04		
8299	ZM_012_B2_B05	ZM_012_B2_B05_T7C	ZM_012_B2_B05_MR
8300	ZM_012_B2_B05		ZM_012_B2_B06_MR
8301	ZM_012_B2_B06		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8302	ZM_012_B2_B07	ZM_012_B2_B07_T7C	ZM_012_B2_B07_MR
8303	ZM_012_B2_B07		
8304	ZM_012_B2_B08	ZM_012_B2_B08_T7C	
8305	ZM_012_B2_B08		ZM_012_B2_B08_MR
8306	ZM_012_B2_B10		ZM_012_B2_B10_MR
8307	ZM_012_B2_B11		ZM_012_B2_B11_MR
8308	ZM_012_B2_B12		ZM_012_B2_B12_MR
8309	ZM_012_B2_C01		ZM_012_B2_C01_MR
8310	ZM_012_B2_C02		ZM_012_B2_C02_MR
8311	ZM_012_B2_C03		ZM_012_B2_C03_MR
8312	ZM_012_B2_C05		ZM_012_B2_C05_MR
8313	ZM_012_B2_C06	ZM_012_B2_C06_T7C	
8314	ZM_012_B2_C07	ZM_012_B2_C07_T7C	
8315	ZM_012_B2_C07		ZM_012_B2_C07_MR
8316	ZM_012_B2_C08		ZM_012_B2_C08_MR
8317	ZM_012_B2_C09		ZM_012_B2_C09_MR
8318	ZM_012_B2_C10		ZM_012_B2_C10_MR
8319	ZM_012_B2_C11		ZM_012_B2_C11_MR
8320	ZM_012_B2_C12		ZM_012_B2_C12_MR
8321	ZM_012_B2_D01	ZM_012_B2_D01_T7C	
8322	ZM_012_B2_D01		ZM_012_B2_D01_MR
8323	ZM_012_B2_D03		ZM_012_B2_D03_MR
8324	ZM_012_B2_D04	ZM_012_B2_D04_T7C	
8325	ZM_012_B2_D04		ZM_012_B2_D04_MR
8326	ZM_012_B2_D05		ZM_012_B2_D05_MR
8327	ZM_012_B2_D06		ZM_012_B2_D06_MR
8328	ZM_012_B2_D07		ZM_012_B2_D07_MR
8329	ZM_012_B2_D08		ZM_012_B2_D08_MR
8330	ZM_012_B2_D09	ZM_012_B2_D09_T7C	
8331	ZM_012_B2_D09		ZM_012_B2_D09_MR
8332	ZM_012_B2_D10	ZM_012_B2_D10_T7C	
8333	ZM_012_B2_D10		ZM_012_B2_D10_MR
8334	ZM_012_B2_D11		ZM_012_B2_D11_MR
8335	ZM_012_B2_D12		ZM_012_B2_D12_MR
8336	ZM_012_B2_E01	ZM_012_B2_E01_T7C	
8337	ZM_012_B2_E01		ZM_012_B2_E01_MR
8338	ZM_012_B2_E02		ZM_012_B2_E02_MR
8339	ZM_012_B2_E03		ZM_012_B2_E03_MR
8340	ZM_012_B2_E04		ZM_012_B2_E04_MR
8341	ZM_012_B2_E05		ZM_012_B2_E05_MR
8342	ZM_012_B2_E06		ZM_012_B2_E06_MR
8343	ZM_012_B2_E07		ZM_012_B2_E07_MR
8344	ZM_012_B2_E08		ZM_012_B2_E08_MR
8345	ZM_012_B2_E11	ZM_012_B2_E11_T7C	
8346	ZM_012_B2_E12	ZM_012_B2_E12_T7C	
8347	ZM_012_B2_F01		ZM_012_B2_F01_MR
8348	ZM_012_B2_F02		ZM_012_B2_F02_MR
8349	ZM_012_B2_F03		ZM_012_B2_F03_MR
8350	ZM_012_B2_F04		ZM_012_B2_F04_MR
8351	ZM_012_B2_F06	ZM_012_B2_F06_T7C	
8352	ZM_012_B2_F06		ZM_012_B2_F06_MR
8353	ZM_012_B2_F08	ZM_012_B2_F08_T7C	
8354	ZM_012_B2_F08		ZM_012_B2_F08_MR
8355	ZM_012_B2_F09		ZM_012_B2_F09_MR
8356	ZM_012_B2_F10	ZM_012_B2_F10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8357	ZM_012_B2_F10		ZM_012_B2_F10_MR
8358	ZM_012_B2_G01		ZM_012_B2_G01_MR
8359	ZM_012_B2_G02		ZM_012_B2_G02_MR
8360	ZM_012_B2_G03	ZM_012_B2_G03_T7C	
8361	ZM_012_B2_G03		ZM_012_B2_G03_MR
8362	ZM_012_B2_G04		ZM_012_B2_G04_MR
8363	ZM_012_B2_G05	ZM_012_B2_G05_T7C	
8364	ZM_012_B2_G05		ZM_012_B2_G05_MR
8365	ZM_012_B2_G06		ZM_012_B2_G06_MR
8366	ZM_012_B2_G07	ZM_012_B2_G07_T7C	
8367	ZM_012_B2_G07		ZM_012_B2_G07_MR
8368	ZM_012_B2_G09	ZM_012_B2_G09_T7C	
8369	ZM_012_B2_G09		ZM_012_B2_G09_MR
8370	ZM_012_B2_G10		ZM_012_B2_G10_MR
8371	ZM_012_B2_H01		ZM_012_B2_H01_MR
8372	ZM_012_B2_H02		ZM_012_B2_H02_MR
8373	ZM_012_B2_H03		ZM_012_B2_H03_MR
8374	ZM_012_B2_H04		ZM_012_B2_H04_MR
8375	ZM_012_B2_H05	ZM_012_B2_H05_T7C	
8376	ZM_012_B2_H05		ZM_012_B2_H05_MR
8377	ZM_012_B2_H06		ZM_012_B2_H06_MR
8378	ZM_012_B2_H07		ZM_012_B2_H07_MR
8379	ZM_012_B2_H08		ZM_012_B2_H08_MR
8380	ZM_012_B2_H09		ZM_012_B2_H09_MR
8381	ZM_012_B2_H10		ZM_012_B2_H10_MR
8382	ZM_012_B2_H11		ZM_012_B2_H11_MR
8383	ZM_013_A1_A01	ZM_013_A1_A01_T7C	
8384	ZM_013_A1_A01		ZM_013_A1_A01_MR
8385	ZM_013_A1_A02	ZM_013_A1_A02_T7C	
8386	ZM_013_A1_A03	ZM_013_A1_A03_T7C	
8387	ZM_013_A1_A03		ZM_013_A1_A03_MR
8388	ZM_013_A1_A04	ZM_013_A1_A04_T7C	
8389	ZM_013_A1_A04		ZM_013_A1_A04_MR
8390	ZM_013_A1_A05	ZM_013_A1_A05_T7C	
8391	ZM_013_A1_A05		ZM_013_A1_A05_MR
8392	ZM_013_A1_A06	ZM_013_A1_A06_T7C	
8393	ZM_013_A1_A06		ZM_013_A1_A06_MR
8394	ZM_013_A1_A07	ZM_013_A1_A07_T7C	
8395	ZM_013_A1_A07		ZM_013_A1_A07_MR
8396	ZM_013_A1_A08	ZM_013_A1_A08_T7C	
8397	ZM_013_A1_A08		ZM_013_A1_A08_MR
8398	ZM_013_A1_A09	ZM_013_A1_A09_T7C	
8399	ZM_013_A1_A09		ZM_013_A1_A09_MR
8400	ZM_013_A1_A10	ZM_013_A1_A10_T7C	
8401	ZM_013_A1_A10		ZM_013_A1_A10_MR
8402	ZM_013_A1_A11	ZM_013_A1_A11_T7C	
8403	ZM_013_A1_A11		ZM_013_A1_A11_MR
8404	ZM_013_A1_A12	ZM_013_A1_A12_T7C	
8405	ZM_013_A1_A12		ZM_013_A1_A12_MR
8406	ZM_013_A1_B01	ZM_013_A1_B01_T7C	
8407	ZM_013_A1_B01		ZM_013_A1_B01_MR
8408	ZM_013_A1_B02	ZM_013_A1_B02_T7C	
8409	ZM_013_A1_B02		ZM_013_A1_B02_MR
8410	ZM_013_A1_B03	ZM_013_A1_B03_T7C	
8411	ZM_013_A1_B03		ZM_013_A1_B03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8412	ZM_013_A1_B04	ZM_013_A1_B04_T7C	ZM_013_A1_B04_MR
8413	ZM_013_A1_B04		
8414	ZM_013_A1_B05	ZM_013_A1_B05_T7C	
8415	ZM_013_A1_B05		ZM_013_A1_B05_MR
8416	ZM_013_A1_B06		ZM_013_A1_B06_MR
8417	ZM_013_A1_B07	ZM_013_A1_B07_T7C	
8418	ZM_013_A1_B08	ZM_013_A1_B08_T7C	
8419	ZM_013_A1_B08		ZM_013_A1_B08_MR
8420	ZM_013_A1_B09	ZM_013_A1_B09_T7C	
8421	ZM_013_A1_B09		ZM_013_A1_B09_MR
8422	ZM_013_A1_B10	ZM_013_A1_B10_T7C	
8423	ZM_013_A1_B10		ZM_013_A1_B10_MR
8424	ZM_013_A1_B11	ZM_013_A1_B11_T7C	
8425	ZM_013_A1_B11		ZM_013_A1_B11_MR
8426	ZM_013_A1_B12	ZM_013_A1_B12_T7C	
8427	ZM_013_A1_B12		ZM_013_A1_B12_MR
8428	ZM_013_A1_C01		ZM_013_A1_C01_MR
8429	ZM_013_A1_C02	ZM_013_A1_C02_T7C	
8430	ZM_013_A1_C02		ZM_013_A1_C02_MR
8431	ZM_013_A1_C03	ZM_013_A1_C03_T7C	
8432	ZM_013_A1_C03		ZM_013_A1_C03_MR
8433	ZM_013_A1_C04	ZM_013_A1_C04_T7C	
8434	ZM_013_A1_C04		ZM_013_A1_C04_MR
8435	ZM_013_A1_C05	ZM_013_A1_C05_T7C	
8436	ZM_013_A1_C05		ZM_013_A1_C05_MR
8437	ZM_013_A1_C06	ZM_013_A1_C06_T7C	
8438	ZM_013_A1_C06		ZM_013_A1_C06_MR
8439	ZM_013_A1_C07	ZM_013_A1_C07_T7C	
8440	ZM_013_A1_C07		ZM_013_A1_C07_MR
8441	ZM_013_A1_C08	ZM_013_A1_C08_T7C	
8442	ZM_013_A1_C08		ZM_013_A1_C08_MR
8443	ZM_013_A1_C09	ZM_013_A1_C09_T7C	
8444	ZM_013_A1_C09		ZM_013_A1_C09_MR
8445	ZM_013_A1_C10	ZM_013_A1_C10_T7C	
8446	ZM_013_A1_C10		ZM_013_A1_C10_MR
8447	ZM_013_A1_C11	ZM_013_A1_C11_T7C	
8448	ZM_013_A1_C11		ZM_013_A1_C11_MR
8449	ZM_013_A1_C12	ZM_013_A1_C12_T7C	
8450	ZM_013_A1_C12		ZM_013_A1_C12_MR
8451	ZM_013_A1_D01	ZM_013_A1_D01_T7C	
8452	ZM_013_A1_D01		ZM_013_A1_D01_MR
8453	ZM_013_A1_D02	ZM_013_A1_D02_T7C	
8454	ZM_013_A1_D02		ZM_013_A1_D02_MR
8455	ZM_013_A1_D03	ZM_013_A1_D03_T7C	
8456	ZM_013_A1_D03		ZM_013_A1_D03_MR
8457	ZM_013_A1_D04	ZM_013_A1_D04_T7C	
8458	ZM_013_A1_D04		ZM_013_A1_D04_MR
8459	ZM_013_A1_D05	ZM_013_A1_D05_T7C	
8460	ZM_013_A1_D05		ZM_013_A1_D05_MR
8461	ZM_013_A1_D06	ZM_013_A1_D06_T7C	
8462	ZM_013_A1_D07	ZM_013_A1_D07_T7C	
8463	ZM_013_A1_D07		ZM_013_A1_D07_MR
8464	ZM_013_A1_D08	ZM_013_A1_D08_T7C	
8465	ZM_013_A1_D08		ZM_013_A1_D08_MR
8466	ZM_013_A1_D09	ZM_013_A1_D09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8467	ZM_013_A1_D09		ZM_013_A1_D09_MR
8468	ZM_013_A1_D10	ZM_013_A1_D10_T7C	
8469	ZM_013_A1_D10		ZM_013_A1_D10_MR
8470	ZM_013_A1_D11	ZM_013_A1_D11_T7C	
8471	ZM_013_A1_D11		ZM_013_A1_D11_MR
8472	ZM_013_A1_D12	ZM_013_A1_D12_T7C	
8473	ZM_013_A1_D12		ZM_013_A1_D12_MR
8474	ZM_013_A1_E01	ZM_013_A1_E01_T7C	
8475	ZM_013_A1_E01		ZM_013_A1_E01_MR
8476	ZM_013_A1_E02	ZM_013_A1_E02_T7C	
8477	ZM_013_A1_E02		ZM_013_A1_E02_MR
8478	ZM_013_A1_E03	ZM_013_A1_E03_T7C	
8479	ZM_013_A1_E03		ZM_013_A1_E03_MR
8480	ZM_013_A1_E04	ZM_013_A1_E04_T7C	
8481	ZM_013_A1_E04		ZM_013_A1_E04_MR
8482	ZM_013_A1_E05	ZM_013_A1_E05_T7C	
8483	ZM_013_A1_E05		ZM_013_A1_E05_MR
8484	ZM_013_A1_E06	ZM_013_A1_E06_T7C	
8485	ZM_013_A1_E06		ZM_013_A1_E06_MR
8486	ZM_013_A1_E07	ZM_013_A1_E07_T7C	
8487	ZM_013_A1_E07		ZM_013_A1_E07_MR
8488	ZM_013_A1_E08	ZM_013_A1_E08_T7C	
8489	ZM_013_A1_E08		ZM_013_A1_E08_MR
8490	ZM_013_A1_E09	ZM_013_A1_E09_T7C	
8491	ZM_013_A1_E09		ZM_013_A1_E09_MR
8492	ZM_013_A1_E10	ZM_013_A1_E10_T7C	
8493	ZM_013_A1_E10		ZM_013_A1_E10_MR
8494	ZM_013_A1_E11	ZM_013_A1_E11_T7C	
8495	ZM_013_A1_E11		ZM_013_A1_E11_MR
8496	ZM_013_A1_E12	ZM_013_A1_E12_T7C	
8497	ZM_013_A1_E12		ZM_013_A1_E12_MR
8498	ZM_013_A1_F01	ZM_013_A1_F01_T7C	
8499	ZM_013_A1_F01		ZM_013_A1_F01_MR
8500	ZM_013_A1_F02	ZM_013_A1_F02_T7C	
8501	ZM_013_A1_F02		ZM_013_A1_F02_MR
8502	ZM_013_A1_F03	ZM_013_A1_F03_T7C	
8503	ZM_013_A1_F03		ZM_013_A1_F03_MR
8504	ZM_013_A1_F04	ZM_013_A1_F04_T7C	
8505	ZM_013_A1_F04		ZM_013_A1_F04_MR
8506	ZM_013_A1_F05	ZM_013_A1_F05_T7C	
8507	ZM_013_A1_F06	ZM_013_A1_F06_T7C	
8508	ZM_013_A1_F06		ZM_013_A1_F06_MR
8509	ZM_013_A1_F07	ZM_013_A1_F07_T7C	
8510	ZM_013_A1_F07		ZM_013_A1_F07_MR
8511	ZM_013_A1_F08	ZM_013_A1_F08_T7C	
8512	ZM_013_A1_F08		ZM_013_A1_F08_MR
8513	ZM_013_A1_F09	ZM_013_A1_F09_T7C	
8514	ZM_013_A1_F09		ZM_013_A1_F09_MR
8515	ZM_013_A1_F10	ZM_013_A1_F10_T7C	
8516	ZM_013_A1_F10		ZM_013_A1_F10_MR
8517	ZM_013_A1_F11	ZM_013_A1_F11_T7C	
8518	ZM_013_A1_F11		ZM_013_A1_F11_MR
8519	ZM_013_A1_F12	ZM_013_A1_F12_T7C	
8520	ZM_013_A1_F12		ZM_013_A1_F12_MR
8521	ZM_013_A1_G01	ZM_013_A1_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8522	ZM_013_A1_G01		ZM_013_A1_G01_MR
8523	ZM_013_A1_G02	ZM_013_A1_G02_T7C	
8524	ZM_013_A1_G02		ZM_013_A1_G02_MR
8525	ZM_013_A1_G03	ZM_013_A1_G03_T7C	
8526	ZM_013_A1_G03		ZM_013_A1_G03_MR
8527	ZM_013_A1_G04	ZM_013_A1_G04_T7C	
8528	ZM_013_A1_G04		ZM_013_A1_G04_MR
8529	ZM_013_A1_G05	ZM_013_A1_G05_T7C	
8530	ZM_013_A1_G05		ZM_013_A1_G05_MR
8531	ZM_013_A1_G06	ZM_013_A1_G06_T7C	
8532	ZM_013_A1_G06		ZM_013_A1_G06_MR
8533	ZM_013_A1_G07	ZM_013_A1_G07_T7C	
8534	ZM_013_A1_G07		ZM_013_A1_G07_MR
8535	ZM_013_A1_G08	ZM_013_A1_G08_T7C	
8536	ZM_013_A1_G08		ZM_013_A1_G08_MR
8537	ZM_013_A1_G09		ZM_013_A1_G09_MR
8538	ZM_013_A1_G10		ZM_013_A1_G10_MR
8539	ZM_013_A1_G11	ZM_013_A1_G11_T7C	
8540	ZM_013_A1_G11		ZM_013_A1_G11_MR
8541	ZM_013_A1_G12	ZM_013_A1_G12_T7C	
8542	ZM_013_A1_G12		ZM_013_A1_G12_MR
8543	ZM_013_A1_H01	ZM_013_A1_H01_T7C	
8544	ZM_013_A1_H01		ZM_013_A1_H01_MR
8545	ZM_013_A1_H02	ZM_013_A1_H02_T7C	
8546	ZM_013_A1_H02		ZM_013_A1_H02_MR
8547	ZM_013_A1_H03	ZM_013_A1_H03_T7C	
8548	ZM_013_A1_H03		ZM_013_A1_H03_MR
8549	ZM_013_A1_H04	ZM_013_A1_H04_T7C	
8550	ZM_013_A1_H04		ZM_013_A1_H04_MR
8551	ZM_013_A1_H05	ZM_013_A1_H05_T7C	
8552	ZM_013_A1_H05		ZM_013_A1_H05_MR
8553	ZM_013_A1_H06	ZM_013_A1_H06_T7C	
8554	ZM_013_A1_H06		ZM_013_A1_H06_MR
8555	ZM_013_A1_H07	ZM_013_A1_H07_T7C	
8556	ZM_013_A1_H07		ZM_013_A1_H07_MR
8557	ZM_013_A1_H08	ZM_013_A1_H08_T7C	
8558	ZM_013_A1_H08		ZM_013_A1_H08_MR
8559	ZM_013_A1_H09	ZM_013_A1_H09_T7C	
8560	ZM_013_A1_H09		ZM_013_A1_H09_MR
8561	ZM_013_A1_H10	ZM_013_A1_H10_T7C	
8562	ZM_013_A1_H10		ZM_013_A1_H10_MR
8563	ZM_013_A1_H11	ZM_013_A1_H11_T7C	
8564	ZM_013_A1_H11		ZM_013_A1_H11_MR
8565	ZM_013_A1_H12	ZM_013_A1_H12_T7C	
8566	ZM_013_A1_H12		ZM_013_A1_H12_MR
8567	ZM_013_A2_A01	ZM_013_A2_A01_T7C	
8568	ZM_013_A2_A02		ZM_013_A2_A02_MR
8569	ZM_013_A2_A03		ZM_013_A2_A03_MR
8570	ZM_013_A2_A04	ZM_013_A2_A04_T7C	
8571	ZM_013_A2_A04		ZM_013_A2_A04_MR
8572	ZM_013_A2_A05	ZM_013_A2_A05_T7C	
8573	ZM_013_A2_A05		ZM_013_A2_A05_MR
8574	ZM_013_A2_A06	ZM_013_A2_A06_T7C	
8575	ZM_013_A2_A06		ZM_013_A2_A06_MR
8576	ZM_013_A2_A07	ZM_013_A2_A07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8577	ZM_013_A2_A07		ZM_013_A2_A07_MR
8578	ZM_013_A2_A08	ZM_013_A2_A08_T7C	
8579	ZM_013_A2_A09	ZM_013_A2_A09_T7C	
8580	ZM_013_A2_A10	ZM_013_A2_A10_T7C	
8581	ZM_013_A2_A11	ZM_013_A2_A11_T7C	
8582	ZM_013_A2_A12	ZM_013_A2_A12_T7C	
8583	ZM_013_A2_A12		ZM_013_A2_A12_MR
8584	ZM_013_A2_B01	ZM_013_A2_B01_T7C	
8585	ZM_013_A2_B01		ZM_013_A2_B01_MR
8586	ZM_013_A2_B02	ZM_013_A2_B02_T7C	
8587	ZM_013_A2_B02		ZM_013_A2_B02_MR
8588	ZM_013_A2_B03	ZM_013_A2_B03_T7C	
8589	ZM_013_A2_B03		ZM_013_A2_B03_MR
8590	ZM_013_A2_B04	ZM_013_A2_B04_T7C	
8591	ZM_013_A2_B04		ZM_013_A2_B04_MR
8592	ZM_013_A2_B05	ZM_013_A2_B05_T7C	
8593	ZM_013_A2_B05		ZM_013_A2_B05_MR
8594	ZM_013_A2_B06	ZM_013_A2_B06_T7C	
8595	ZM_013_A2_B06		ZM_013_A2_B06_MR
8596	ZM_013_A2_B07	ZM_013_A2_B07_T7C	
8597	ZM_013_A2_B07		ZM_013_A2_B07_MR
8598	ZM_013_A2_B08	ZM_013_A2_B08_T7C	
8599	ZM_013_A2_B08		ZM_013_A2_B08_MR
8600	ZM_013_A2_B09	ZM_013_A2_B09_T7C	
8601	ZM_013_A2_B09		ZM_013_A2_B09_MR
8602	ZM_013_A2_B10	ZM_013_A2_B10_T7C	
8603	ZM_013_A2_B10		ZM_013_A2_B10_MR
8604	ZM_013_A2_B11	ZM_013_A2_B11_T7C	
8605	ZM_013_A2_B11		ZM_013_A2_B11_MR
8606	ZM_013_A2_B12	ZM_013_A2_B12_T7C	
8607	ZM_013_A2_B12		ZM_013_A2_B12_MR
8608	ZM_013_A2_C01	ZM_013_A2_C01_T7C	
8609	ZM_013_A2_C01		ZM_013_A2_C01_MR
8610	ZM_013_A2_C02	ZM_013_A2_C02_T7C	
8611	ZM_013_A2_C02		ZM_013_A2_C02_MR
8612	ZM_013_A2_C03	ZM_013_A2_C03_T7C	
8613	ZM_013_A2_C03		ZM_013_A2_C03_MR
8614	ZM_013_A2_C04	ZM_013_A2_C04_T7C	
8615	ZM_013_A2_C04		ZM_013_A2_C04_MR
8616	ZM_013_A2_C05	ZM_013_A2_C05_T7C	
8617	ZM_013_A2_C05		ZM_013_A2_C05_MR
8618	ZM_013_A2_C06	ZM_013_A2_C06_T7C	
8619	ZM_013_A2_C06		ZM_013_A2_C06_MR
8620	ZM_013_A2_C07	ZM_013_A2_C07_T7C	
8621	ZM_013_A2_C07		ZM_013_A2_C07_MR
8622	ZM_013_A2_C08	ZM_013_A2_C08_T7C	
8623	ZM_013_A2_C09		ZM_013_A2_C09_MR
8624	ZM_013_A2_D01	ZM_013_A2_D01_T7C	
8625	ZM_013_A2_D01		ZM_013_A2_D01_MR
8626	ZM_013_A2_D02	ZM_013_A2_D02_T7C	
8627	ZM_013_A2_D02		ZM_013_A2_D02_MR
8628	ZM_013_A2_D03	ZM_013_A2_D03_T7C	
8629	ZM_013_A2_D03		ZM_013_A2_D03_MR
8630	ZM_013_A2_D04	ZM_013_A2_D04_T7C	
8631	ZM_013_A2_D04		ZM_013_A2_D04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8632	ZM_013_A2_D05	ZM_013_A2_D05_T7C	
8633	ZM_013_A2_D06	ZM_013_A2_D06_T7C	
8634	ZM_013_A2_D06		ZM_013_A2_D06_MR
8635	ZM_013_A2_D07	ZM_013_A2_D07_T7C	
8636	ZM_013_A2_D07		ZM_013_A2_D07_MR
8637	ZM_013_A2_D08	ZM_013_A2_D08_T7C	
8638	ZM_013_A2_D08		ZM_013_A2_D08_MR
8639	ZM_013_A2_D09	ZM_013_A2_D09_T7C	
8640	ZM_013_A2_D09		ZM_013_A2_D09_MR
8641	ZM_013_A2_D10	ZM_013_A2_D10_T7C	
8642	ZM_013_A2_D10		ZM_013_A2_D10_MR
8643	ZM_013_A2_D11	ZM_013_A2_D11_T7C	
8644	ZM_013_A2_D11		ZM_013_A2_D11_MR
8645	ZM_013_A2_D12	ZM_013_A2_D12_T7C	
8646	ZM_013_A2_D12		ZM_013_A2_D12_MR
8647	ZM_013_A2_E01	ZM_013_A2_E01_T7C	
8648	ZM_013_A2_E02		ZM_013_A2_E02_MR
8649	ZM_013_A2_E04		ZM_013_A2_E04_MR
8650	ZM_013_A2_E05	ZM_013_A2_E05_T7C	
8651	ZM_013_A2_E05		ZM_013_A2_E05_MR
8652	ZM_013_A2_E06	ZM_013_A2_E06_T7C	
8653	ZM_013_A2_E06		ZM_013_A2_E06_MR
8654	ZM_013_A2_E07	ZM_013_A2_E07_T7C	
8655	ZM_013_A2_E07		ZM_013_A2_E07_MR
8656	ZM_013_A2_E08	ZM_013_A2_E08_T7C	
8657	ZM_013_A2_E08		ZM_013_A2_E08_MR
8658	ZM_013_A2_E09	ZM_013_A2_E09_T7C	
8659	ZM_013_A2_E10	ZM_013_A2_E10_T7C	
8660	ZM_013_A2_E11	ZM_013_A2_E11_T7C	
8661	ZM_013_A2_E12		ZM_013_A2_E12_MR
8662	ZM_013_A2_F01	ZM_013_A2_F01_T7C	
8663	ZM_013_A2_F01		ZM_013_A2_F01_MR
8664	ZM_013_A2_F03	ZM_013_A2_F03_T7C	
8665	ZM_013_A2_F03		ZM_013_A2_F03_MR
8666	ZM_013_A2_F04	ZM_013_A2_F04_T7C	
8667	ZM_013_A2_F05	ZM_013_A2_F05_T7C	
8668	ZM_013_A2_F05		ZM_013_A2_F05_MR
8669	ZM_013_A2_F06	ZM_013_A2_F06_T7C	
8670	ZM_013_A2_F06		ZM_013_A2_F06_MR
8671	ZM_013_A2_F07	ZM_013_A2_F07_T7C	
8672	ZM_013_A2_F07		ZM_013_A2_F07_MR
8673	ZM_013_A2_F09	ZM_013_A2_F09_T7C	
8674	ZM_013_A2_F09		ZM_013_A2_F09_MR
8675	ZM_013_A2_F10	ZM_013_A2_F10_T7C	
8676	ZM_013_A2_F10		ZM_013_A2_F10_MR
8677	ZM_013_A2_F11	ZM_013_A2_F11_T7C	
8678	ZM_013_A2_F11		ZM_013_A2_F11_MR
8679	ZM_013_A2_G01	ZM_013_A2_G01_T7C	
8680	ZM_013_A2_G01		ZM_013_A2_G01_MR
8681	ZM_013_A2_G02	ZM_013_A2_G02_T7C	
8682	ZM_013_A2_G03	ZM_013_A2_G03_T7C	
8683	ZM_013_A2_G03		ZM_013_A2_G03_MR
8684	ZM_013_A2_G04	ZM_013_A2_G04_T7C	
8685	ZM_013_A2_G04		ZM_013_A2_G04_MR
8686	ZM_013_A2_G05	ZM_013_A2_G05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8687	ZM_013_A2_G05		ZM_013_A2_G05_MR
8688	ZM_013_A2_G06	ZM_013_A2_G06_T7C	
8689	ZM_013_A2_G06		ZM_013_A2_G06_MR
8690	ZM_013_A2_G07	ZM_013_A2_G07_T7C	
8691	ZM_013_A2_G07		ZM_013_A2_G07_MR
8692	ZM_013_A2_G08	ZM_013_A2_G08_T7C	
8693	ZM_013_A2_G08		ZM_013_A2_G08_MR
8694	ZM_013_A2_G09	ZM_013_A2_G09_T7C	
8695	ZM_013_A2_G09		ZM_013_A2_G09_MR
8696	ZM_013_A2_H01	ZM_013_A2_H01_T7C	
8697	ZM_013_A2_H01		ZM_013_A2_H01_MR
8698	ZM_013_A2_H02	ZM_013_A2_H02_T7C	
8699	ZM_013_A2_H02		ZM_013_A2_H02_MR
8700	ZM_013_A2_H03		ZM_013_A2_H03_MR
8701	ZM_013_A2_H04		ZM_013_A2_H04_MR
8702	ZM_013_A2_H05	ZM_013_A2_H05_T7C	
8703	ZM_013_A2_H06	ZM_013_A2_H06_T7C	
8704	ZM_013_A2_H06		ZM_013_A2_H06_MR
8705	ZM_013_A2_H07	ZM_013_A2_H07_T7C	
8706	ZM_013_A2_H07		ZM_013_A2_H07_MR
8707	ZM_013_A2_H08	ZM_013_A2_H08_T7C	
8708	ZM_013_A2_H08		ZM_013_A2_H08_MR
8709	ZM_013_A2_H09	ZM_013_A2_H09_T7C	
8710	ZM_013_A2_H09		ZM_013_A2_H09_MR
8711	ZM_013_A2_H10	ZM_013_A2_H10_T7C	
8712	ZM_013_A2_H10		ZM_013_A2_H10_MR
8713	ZM_013_A2_H11	ZM_013_A2_H11_T7C	
8714	ZM_013_A2_H11		ZM_013_A2_H11_MR
8715	ZM_013_A2_H12	ZM_013_A2_H12_T7C	
8716	ZM_013_A2_H12		ZM_013_A2_H12_MR
8717	ZM_013_B1_A01	ZM_013_B1_A01_T7C	
8718	ZM_013_B1_A01		ZM_013_B1_A01_MR
8719	ZM_013_B1_A02	ZM_013_B1_A02_T7C	
8720	ZM_013_B1_A02		ZM_013_B1_A02_MR
8721	ZM_013_B1_A03	ZM_013_B1_A03_T7C	
8722	ZM_013_B1_A03		ZM_013_B1_A03_MR
8723	ZM_013_B1_A07	ZM_013_B1_A07_T7C	
8724	ZM_013_B1_A07		ZM_013_B1_A07_MR
8725	ZM_013_B1_A08	ZM_013_B1_A08_T7C	
8726	ZM_013_B1_A08		ZM_013_B1_A08_MR
8727	ZM_013_B1_A09	ZM_013_B1_A09_T7C	
8728	ZM_013_B1_A09		ZM_013_B1_A09_MR
8729	ZM_013_B1_A10	ZM_013_B1_A10_T7C	
8730	ZM_013_B1_A10		ZM_013_B1_A10_MR
8731	ZM_013_B1_A11	ZM_013_B1_A11_T7C	
8732	ZM_013_B1_A11		ZM_013_B1_A11_MR
8733	ZM_013_B1_A12	ZM_013_B1_A12_T7C	
8734	ZM_013_B1_A12		ZM_013_B1_A12_MR
8735	ZM_013_B1_B01	ZM_013_B1_B01_T7C	
8736	ZM_013_B1_B01		ZM_013_B1_B01_MR
8737	ZM_013_B1_B02	ZM_013_B1_B02_T7C	
8738	ZM_013_B1_B02		ZM_013_B1_B02_MR
8739	ZM_013_B1_B03	ZM_013_B1_B03_T7C	
8740	ZM_013_B1_B03		ZM_013_B1_B03_MR
8741	ZM_013_B1_B04	ZM_013_B1_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8742	ZM_013_B1_B04		ZM_013_B1_B04_MR
8743	ZM_013_B1_B05	ZM_013_B1_B05_T7C	
8744	ZM_013_B1_B05		ZM_013_B1_B05_MR
8745	ZM_013_B1_B07	ZM_013_B1_B07_T7C	
8746	ZM_013_B1_B07		ZM_013_B1_B07_MR
8747	ZM_013_B1_B08	ZM_013_B1_B08_T7C	
8748	ZM_013_B1_B08		ZM_013_B1_B08_MR
8749	ZM_013_B1_B09		ZM_013_B1_B09_MR
8750	ZM_013_B1_B10	ZM_013_B1_B10_T7C	
8751	ZM_013_B1_B10		ZM_013_B1_B10_MR
8752	ZM_013_B1_B11	ZM_013_B1_B11_T7C	
8753	ZM_013_B1_B11		ZM_013_B1_B11_MR
8754	ZM_013_B1_B12		ZM_013_B1_B12_MR
8755	ZM_013_B1_C01	ZM_013_B1_C01_T7C	
8756	ZM_013_B1_C01		ZM_013_B1_C01_MR
8757	ZM_013_B1_C02		ZM_013_B1_C02_MR
8758	ZM_013_B1_C03	ZM_013_B1_C03_T7C	
8759	ZM_013_B1_C03		ZM_013_B1_C03_MR
8760	ZM_013_B1_C06		ZM_013_B1_C06_MR
8761	ZM_013_B1_C07	ZM_013_B1_C07_T7C	
8762	ZM_013_B1_C07		ZM_013_B1_C07_MR
8763	ZM_013_B1_C08	ZM_013_B1_C08_T7C	
8764	ZM_013_B1_C08		ZM_013_B1_C08_MR
8765	ZM_013_B1_C09	ZM_013_B1_C09_T7C	
8766	ZM_013_B1_C09		ZM_013_B1_C09_MR
8767	ZM_013_B1_C10	ZM_013_B1_C10_T7C	
8768	ZM_013_B1_C10		ZM_013_B1_C10_MR
8769	ZM_013_B1_C11	ZM_013_B1_C11_T7C	
8770	ZM_013_B1_C12		ZM_013_B1_C12_MR
8771	ZM_013_B1_D01	ZM_013_B1_D01_T7C	
8772	ZM_013_B1_D01		ZM_013_B1_D01_MR
8773	ZM_013_B1_D02	ZM_013_B1_D02_T7C	
8774	ZM_013_B1_D02		ZM_013_B1_D02_MR
8775	ZM_013_B1_D03	ZM_013_B1_D03_T7C	
8776	ZM_013_B1_D03		ZM_013_B1_D03_MR
8777	ZM_013_B1_D04	ZM_013_B1_D04_T7C	
8778	ZM_013_B1_D04		ZM_013_B1_D04_MR
8779	ZM_013_B1_D05	ZM_013_B1_D05_T7C	
8780	ZM_013_B1_D05		ZM_013_B1_D05_MR
8781	ZM_013_B1_D06	ZM_013_B1_D06_T7C	
8782	ZM_013_B1_D06		ZM_013_B1_D06_MR
8783	ZM_013_B1_D08	ZM_013_B1_D08_T7C	
8784	ZM_013_B1_D08		ZM_013_B1_D08_MR
8785	ZM_013_B1_D09	ZM_013_B1_D09_T7C	
8786	ZM_013_B1_D09		ZM_013_B1_D09_MR
8787	ZM_013_B1_D10	ZM_013_B1_D10_T7C	
8788	ZM_013_B1_D10		ZM_013_B1_D10_MR
8789	ZM_013_B1_D11	ZM_013_B1_D11_T7C	
8790	ZM_013_B1_D11		ZM_013_B1_D11_MR
8791	ZM_013_B1_D12	ZM_013_B1_D12_T7C	
8792	ZM_013_B1_D12		ZM_013_B1_D12_MR
8793	ZM_013_B1_E01	ZM_013_B1_E01_T7C	
8794	ZM_013_B1_E01		ZM_013_B1_E01_MR
8795	ZM_013_B1_E02	ZM_013_B1_E02_T7C	
8796	ZM_013_B1_E02		ZM_013_B1_E02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8797	ZM_013_B1_E03	ZM_013_B1_E03_T7C	ZM_013_B1_E03_MR
8798	ZM_013_B1_E03		
8799	ZM_013_B1_E04	ZM_013_B1_E04_T7C	ZM_013_B1_E05_MR
8800	ZM_013_B1_E05		
8801	ZM_013_B1_E07	ZM_013_B1_E07_T7C	ZM_013_B1_E07_MR
8802	ZM_013_B1_E07		
8803	ZM_013_B1_E08	ZM_013_B1_E08_T7C	ZM_013_B1_E08_MR
8804	ZM_013_B1_E08		
8805	ZM_013_B1_E09	ZM_013_B1_E09_T7C	ZM_013_B1_E09_MR
8806	ZM_013_B1_E09		
8807	ZM_013_B1_E10	ZM_013_B1_E10_T7C	ZM_013_B1_E10_MR
8808	ZM_013_B1_E10		
8809	ZM_013_B1_E11	ZM_013_B1_E11_T7C	ZM_013_B1_E11_MR
8810	ZM_013_B1_E11		
8811	ZM_013_B1_E12	ZM_013_B1_E12_T7C	ZM_013_B1_E12_MR
8812	ZM_013_B1_E12		
8813	ZM_013_B1_F01	ZM_013_B1_F01_T7C	ZM_013_B1_F01_MR
8814	ZM_013_B1_F01		
8815	ZM_013_B1_F02	ZM_013_B1_F02_T7C	ZM_013_B1_F02_MR
8816	ZM_013_B1_F02		
8817	ZM_013_B1_F03	ZM_013_B1_F03_T7C	ZM_013_B1_F03_MR
8818	ZM_013_B1_F03		
8819	ZM_013_B1_F04	ZM_013_B1_F04_T7C	ZM_013_B1_F04_MR
8820	ZM_013_B1_F04		
8821	ZM_013_B1_F06	ZM_013_B1_F06_T7C	
8822	ZM_013_B1_F07	ZM_013_B1_F07_T7C	ZM_013_B1_F07_MR
8823	ZM_013_B1_F07		
8824	ZM_013_B1_F08	ZM_013_B1_F08_T7C	ZM_013_B1_F08_MR
8825	ZM_013_B1_F08		
8826	ZM_013_B1_F09	ZM_013_B1_F09_T7C	ZM_013_B1_F09_MR
8827	ZM_013_B1_F09		
8828	ZM_013_B1_F10	ZM_013_B1_F10_T7C	ZM_013_B1_F10_MR
8829	ZM_013_B1_F10		ZM_013_B1_F11_MR
8830	ZM_013_B1_F11		
8831	ZM_013_B1_F12	ZM_013_B1_F12_T7C	ZM_013_B1_F12_MR
8832	ZM_013_B1_F12		
8833	ZM_013_B1_G01	ZM_013_B1_G01_T7C	ZM_013_B1_G01_MR
8834	ZM_013_B1_G01		
8835	ZM_013_B1_G02	ZM_013_B1_G02_T7C	ZM_013_B1_G02_MR
8836	ZM_013_B1_G02		
8837	ZM_013_B1_G03	ZM_013_B1_G03_T7C	ZM_013_B1_G03_MR
8838	ZM_013_B1_G03		
8839	ZM_013_B1_G04	ZM_013_B1_G04_T7C	ZM_013_B1_G04_MR
8840	ZM_013_B1_G04		
8841	ZM_013_B1_G05	ZM_013_B1_G05_T7C	ZM_013_B1_G06_MR
8842	ZM_013_B1_G06		
8843	ZM_013_B1_G07	ZM_013_B1_G07_T7C	ZM_013_B1_G07_MR
8844	ZM_013_B1_G07		
8845	ZM_013_B1_G08	ZM_013_B1_G08_T7C	ZM_013_B1_G08_MR
8846	ZM_013_B1_G08		
8847	ZM_013_B1_G09	ZM_013_B1_G09_T7C	ZM_013_B1_G09_MR
8848	ZM_013_B1_G09		ZM_013_B1_G10_MR
8849	ZM_013_B1_G10		
8850	ZM_013_B1_G11	ZM_013_B1_G11_T7C	ZM_013_B1_G11_MR
8851	ZM_013_B1_G11		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8852	ZM_013_B1_G12	ZM_013_B1_G12_T7C	ZM_013_B1_G12_MR
8853	ZM_013_B1_G12		
8854	ZM_013_B1_H01	ZM_013_B1_H01_T7C	ZM_013_B1_H01_MR
8855	ZM_013_B1_H01		
8856	ZM_013_B1_H02	ZM_013_B1_H02_T7C	ZM_013_B1_H02_MR
8857	ZM_013_B1_H02		
8858	ZM_013_B1_H03	ZM_013_B1_H03_T7C	ZM_013_B1_H03_MR
8859	ZM_013_B1_H03		
8860	ZM_013_B1_H04	ZM_013_B1_H04_T7C	ZM_013_B1_H04_MR
8861	ZM_013_B1_H04		
8862	ZM_013_B1_H05	ZM_013_B1_H05_T7C	ZM_013_B1_H05_MR
8863	ZM_013_B1_H05		
8864	ZM_013_B1_H06	ZM_013_B1_H06_T7C	ZM_013_B1_H06_MR
8865	ZM_013_B1_H06		
8866	ZM_013_B1_H07	ZM_013_B1_H07_T7C	ZM_013_B1_H07_MR
8867	ZM_013_B1_H07		
8868	ZM_013_B1_H08	ZM_013_B1_H08_T7C	ZM_013_B1_H08_MR
8869	ZM_013_B1_H08		
8870	ZM_013_B1_H09	ZM_013_B1_H09_T7C	ZM_013_B1_H09_MR
8871	ZM_013_B1_H09		
8872	ZM_013_B1_H10		ZM_013_B1_H10_MR
8873	ZM_013_B1_H11	ZM_013_B1_H11_T7C	ZM_013_B1_H11_MR
8874	ZM_013_B1_H11		
8875	ZM_013_B1_H12	ZM_013_B1_H12_T7C	ZM_013_B1_H12_MR
8876	ZM_013_B1_H12		
8877	ZM_013_B2_A01		ZM_013_B2_A01_MR
8878	ZM_013_B2_A02		ZM_013_B2_A02_MR
8879	ZM_013_B2_A03		ZM_013_B2_A03_MR
8880	ZM_013_B2_A04		ZM_013_B2_A04_MR
8881	ZM_013_B2_A05		ZM_013_B2_A05_MR
8882	ZM_013_B2_A06		ZM_013_B2_A06_MR
8883	ZM_013_B2_A07		ZM_013_B2_A07_MR
8884	ZM_013_B2_A08		ZM_013_B2_A08_MR
8885	ZM_013_B2_A09		ZM_013_B2_A09_MR
8886	ZM_013_B2_A10		ZM_013_B2_A10_MR
8887	ZM_013_B2_A12		ZM_013_B2_A12_MR
8888	ZM_013_B2_B01		ZM_013_B2_B01_MR
8889	ZM_013_B2_B02		ZM_013_B2_B02_MR
8890	ZM_013_B2_B03		ZM_013_B2_B03_MR
8891	ZM_013_B2_B04		ZM_013_B2_B04_MR
8892	ZM_013_B2_B05		ZM_013_B2_B05_MR
8893	ZM_013_B2_B07		ZM_013_B2_B07_MR
8894	ZM_013_B2_B08		ZM_013_B2_B08_MR
8895	ZM_013_B2_B09		ZM_013_B2_B09_MR
8896	ZM_013_B2_B10		ZM_013_B2_B10_MR
8897	ZM_013_B2_B12		ZM_013_B2_B12_MR
8898	ZM_013_B2_C02		ZM_013_B2_C02_MR
8899	ZM_013_B2_C03		ZM_013_B2_C03_MR
8900	ZM_013_B2_C04		ZM_013_B2_C04_MR
8901	ZM_013_B2_C05		ZM_013_B2_C05_MR
8902	ZM_013_B2_C07		ZM_013_B2_C07_MR
8903	ZM_013_B2_C09		ZM_013_B2_C09_MR
8904	ZM_013_B2_C10		ZM_013_B2_C10_MR
8905	ZM_013_B2_C11		ZM_013_B2_C11_MR
8906	ZM_013_B2_C12		ZM_013_B2_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8907	ZM_013_B2_D01		ZM_013_B2_D01_MR
8908	ZM_013_B2_D02		ZM_013_B2_D02_MR
8909	ZM_013_B2_D03		ZM_013_B2_D03_MR
8910	ZM_013_B2_D04		ZM_013_B2_D04_MR
8911	ZM_013_B2_D05		ZM_013_B2_D05_MR
8912	ZM_013_B2_D06		ZM_013_B2_D06_MR
8913	ZM_013_B2_D07		ZM_013_B2_D07_MR
8914	ZM_013_B2_D08		ZM_013_B2_D08_MR
8915	ZM_013_B2_D09		ZM_013_B2_D09_MR
8916	ZM_013_B2_D10		ZM_013_B2_D10_MR
8917	ZM_013_B2_D11		ZM_013_B2_D11_MR
8918	ZM_013_B2_D12		ZM_013_B2_D12_MR
8919	ZM_013_B2_E01		ZM_013_B2_E01_MR
8920	ZM_013_B2_E03		ZM_013_B2_E03_MR
8921	ZM_013_B2_E04		ZM_013_B2_E04_MR
8922	ZM_013_B2_E05		ZM_013_B2_E05_MR
8923	ZM_013_B2_E06		ZM_013_B2_E06_MR
8924	ZM_013_B2_E07		ZM_013_B2_E07_MR
8925	ZM_013_B2_E08		ZM_013_B2_E08_MR
8926	ZM_013_B2_E09		ZM_013_B2_E09_MR
8927	ZM_013_B2_E10		ZM_013_B2_E10_MR
8928	ZM_013_B2_E11		ZM_013_B2_E11_MR
8929	ZM_013_B2_F01		ZM_013_B2_F01_MR
8930	ZM_013_B2_F02		ZM_013_B2_F02_MR
8931	ZM_013_B2_F04		ZM_013_B2_F04_MR
8932	ZM_013_B2_F05		ZM_013_B2_F05_MR
8933	ZM_013_B2_F06		ZM_013_B2_F06_MR
8934	ZM_013_B2_F07		ZM_013_B2_F07_MR
8935	ZM_013_B2_F08		ZM_013_B2_F08_MR
8936	ZM_013_B2_F09		ZM_013_B2_F09_MR
8937	ZM_013_B2_F10		ZM_013_B2_F10_MR
8938	ZM_013_B2_F11		ZM_013_B2_F11_MR
8939	ZM_013_B2_G01		ZM_013_B2_G01_MR
8940	ZM_013_B2_G02		ZM_013_B2_G02_MR
8941	ZM_013_B2_G03		ZM_013_B2_G03_MR
8942	ZM_013_B2_G04		ZM_013_B2_G04_MR
8943	ZM_013_B2_G05		ZM_013_B2_G05_MR
8944	ZM_013_B2_G07		ZM_013_B2_G07_MR
8945	ZM_013_B2_G08		ZM_013_B2_G08_MR
8946	ZM_013_B2_G09		ZM_013_B2_G09_MR
8947	ZM_013_B2_G10		ZM_013_B2_G10_MR
8948	ZM_013_B2_G11		ZM_013_B2_G11_MR
8949	ZM_013_B2_G12		ZM_013_B2_G12_MR
8950	ZM_013_B2_H01		ZM_013_B2_H01_MR
8951	ZM_013_B2_H02		ZM_013_B2_H02_MR
8952	ZM_013_B2_H03		ZM_013_B2_H03_MR
8953	ZM_013_B2_H04		ZM_013_B2_H04_MR
8954	ZM_013_B2_H06		ZM_013_B2_H06_MR
8955	ZM_013_B2_H07		ZM_013_B2_H07_MR
8956	ZM_013_B2_H08		ZM_013_B2_H08_MR
8957	ZM_013_B2_H09		ZM_013_B2_H09_MR
8958	ZM_013_B2_H10		ZM_013_B2_H10_MR
8959	ZM_013_B2_H11		ZM_013_B2_H11_MR
8960	ZM_013_B2_H12		ZM_013_B2_H12_MR
8961	ZM_0149_A1_A02		ZM_0149_A1_A02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
8962	ZM_0149_A1_A03		ZM_0149_A1_A03_MR
8963	ZM_0149_A1_A04		ZM_0149_A1_A04_MR
8964	ZM_0149_A1_A05		ZM_0149_A1_A05_MR
8965	ZM_0149_A1_A06		ZM_0149_A1_A06_MR
8966	ZM_0149_A1_A07		ZM_0149_A1_A07_MR
8967	ZM_0149_A1_A08		ZM_0149_A1_A08_MR
8968	ZM_0149_A1_A09		ZM_0149_A1_A09_MR
8969	ZM_0149_A1_A11		ZM_0149_A1_A11_MR
8970	ZM_0149_A1_A12		ZM_0149_A1_A12_MR
8971	ZM_0149_A1_B01		ZM_0149_A1_B01_MR
8972	ZM_0149_A1_B02		ZM_0149_A1_B02_MR
8973	ZM_0149_A1_B03		ZM_0149_A1_B03_MR
8974	ZM_0149_A1_B04		ZM_0149_A1_B04_MR
8975	ZM_0149_A1_B05		ZM_0149_A1_B05_MR
8976	ZM_0149_A1_B06		ZM_0149_A1_B06_MR
8977	ZM_0149_A1_B07		ZM_0149_A1_B07_MR
8978	ZM_0149_A1_B08		ZM_0149_A1_B08_MR
8979	ZM_0149_A1_B09		ZM_0149_A1_B09_MR
8980	ZM_0149_A1_B10		ZM_0149_A1_B10_MR
8981	ZM_0149_A1_B11		ZM_0149_A1_B11_MR
8982	ZM_0149_A1_B12		ZM_0149_A1_B12_MR
8983	ZM_0149_A1_C02		ZM_0149_A1_C02_MR
8984	ZM_0149_A1_C03		ZM_0149_A1_C03_MR
8985	ZM_0149_A1_C04		ZM_0149_A1_C04_MR
8986	ZM_0149_A1_C05		ZM_0149_A1_C05_MR
8987	ZM_0149_A1_C06		ZM_0149_A1_C06_MR
8988	ZM_0149_A1_C07		ZM_0149_A1_C07_MR
8989	ZM_0149_A1_C08		ZM_0149_A1_C08_MR
8990	ZM_0149_A1_C10		ZM_0149_A1_C10_MR
8991	ZM_0149_A1_C11		ZM_0149_A1_C11_MR
8992	ZM_0149_A1_D03		ZM_0149_A1_D03_MR
8993	ZM_0149_A1_D04		ZM_0149_A1_D04_MR
8994	ZM_0149_A1_D06		ZM_0149_A1_D06_MR
8995	ZM_0149_A1_D07		ZM_0149_A1_D07_MR
8996	ZM_0149_A1_D08		ZM_0149_A1_D08_MR
8997	ZM_0149_A1_D09		ZM_0149_A1_D09_MR
8998	ZM_0149_A1_D10		ZM_0149_A1_D10_MR
8999	ZM_0149_A1_D11		ZM_0149_A1_D11_MR
9000	ZM_0149_A1_D12		ZM_0149_A1_D12_MR
9001	ZM_0149_A1_E02		ZM_0149_A1_E02_MR
9002	ZM_0149_A1_E03		ZM_0149_A1_E03_MR
9003	ZM_0149_A1_E04		ZM_0149_A1_E04_MR
9004	ZM_0149_A1_E05		ZM_0149_A1_E05_MR
9005	ZM_0149_A1_E06		ZM_0149_A1_E06_MR
9006	ZM_0149_A1_E07		ZM_0149_A1_E07_MR
9007	ZM_0149_A1_E08		ZM_0149_A1_E08_MR
9008	ZM_0149_A1_E09		ZM_0149_A1_E09_MR
9009	ZM_0149_A1_E10		ZM_0149_A1_E10_MR
9010	ZM_0149_A1_E11		ZM_0149_A1_E11_MR
9011	ZM_0149_A1_E12		ZM_0149_A1_E12_MR
9012	ZM_0149_A1_F01		ZM_0149_A1_F01_MR
9013	ZM_0149_A1_F02		ZM_0149_A1_F02_MR
9014	ZM_0149_A1_F03		ZM_0149_A1_F03_MR
9015	ZM_0149_A1_F04		ZM_0149_A1_F04_MR
9016	ZM_0149_A1_F05		ZM_0149_A1_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9017	ZM_0149_A1_F06		ZM_0149_A1_F06_MR
9018	ZM_0149_A1_F07		ZM_0149_A1_F07_MR
9019	ZM_0149_A1_F08		ZM_0149_A1_F08_MR
9020	ZM_0149_A1_F09		ZM_0149_A1_F09_MR
9021	ZM_0149_A1_F10		ZM_0149_A1_F10_MR
9022	ZM_0149_A1_F11		ZM_0149_A1_F11_MR
9023	ZM_0149_A1_F12		ZM_0149_A1_F12_MR
9024	ZM_0149_A1_G01		ZM_0149_A1_G01_MR
9025	ZM_0149_A1_G02		ZM_0149_A1_G02_MR
9026	ZM_0149_A1_G03		ZM_0149_A1_G03_MR
9027	ZM_0149_A1_G04		ZM_0149_A1_G04_MR
9028	ZM_0149_A1_G05		ZM_0149_A1_G05_MR
9029	ZM_0149_A1_G06		ZM_0149_A1_G06_MR
9030	ZM_0149_A1_G07		ZM_0149_A1_G07_MR
9031	ZM_0149_A1_G08		ZM_0149_A1_G08_MR
9032	ZM_0149_A1_G10		ZM_0149_A1_G10_MR
9033	ZM_0149_A1_G11		ZM_0149_A1_G11_MR
9034	ZM_0149_A1_G12		ZM_0149_A1_G12_MR
9035	ZM_0149_A1_H02		ZM_0149_A1_H02_MR
9036	ZM_0149_A1_H03		ZM_0149_A1_H03_MR
9037	ZM_0149_A1_H04		ZM_0149_A1_H04_MR
9038	ZM_0149_A1_H05		ZM_0149_A1_H05_MR
9039	ZM_0149_A1_H06		ZM_0149_A1_H06_MR
9040	ZM_0149_A1_H07		ZM_0149_A1_H07_MR
9041	ZM_0149_A1_H08		ZM_0149_A1_H08_MR
9042	ZM_0149_A1_H09		ZM_0149_A1_H09_MR
9043	ZM_0149_A1_H10		ZM_0149_A1_H10_MR
9044	ZM_0149_A1_H11		ZM_0149_A1_H11_MR
9045	ZM_0149_A1_H12		ZM_0149_A1_H12_MR
9046	ZM_0149_A2_A01	ZM_0149_A2_A01_T7C	
9047	ZM_0149_A2_A02	ZM_0149_A2_A02_T7C	
9048	ZM_0149_A2_A02		ZM_0149_A2_A02_MR
9049	ZM_0149_A2_A03	ZM_0149_A2_A03_T7C	
9050	ZM_0149_A2_A03		ZM_0149_A2_A03_MR
9051	ZM_0149_A2_A05	ZM_0149_A2_A05_T7C	
9052	ZM_0149_A2_A05		ZM_0149_A2_A05_MR
9053	ZM_0149_A2_A06	ZM_0149_A2_A06_T7C	
9054	ZM_0149_A2_A06		ZM_0149_A2_A06_MR
9055	ZM_0149_A2_A07		ZM_0149_A2_A07_MR
9056	ZM_0149_A2_A08	ZM_0149_A2_A08_T7C	
9057	ZM_0149_A2_A08		ZM_0149_A2_A08_MR
9058	ZM_0149_A2_A09	ZM_0149_A2_A09_T7C	
9059	ZM_0149_A2_A09		ZM_0149_A2_A09_MR
9060	ZM_0149_A2_A10	ZM_0149_A2_A10_T7C	
9061	ZM_0149_A2_A10		ZM_0149_A2_A10_MR
9062	ZM_0149_A2_A11	ZM_0149_A2_A11_T7C	
9063	ZM_0149_A2_A11		ZM_0149_A2_A11_MR
9064	ZM_0149_A2_A12	ZM_0149_A2_A12_T7C	
9065	ZM_0149_A2_A12		ZM_0149_A2_A12_MR
9066	ZM_0149_A2_B01	ZM_0149_A2_B01_T7C	
9067	ZM_0149_A2_B01		ZM_0149_A2_B01_MR
9068	ZM_0149_A2_B02	ZM_0149_A2_B02_T7C	
9069	ZM_0149_A2_B02		ZM_0149_A2_B02_MR
9070	ZM_0149_A2_B03	ZM_0149_A2_B03_T7C	
9071	ZM_0149_A2_B03		ZM_0149_A2_B03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9072	ZM_0149_A2_B04	ZM_0149_A2_B04_T7C	ZM_0149_A2_B04_MR
9073	ZM_0149_A2_B04		
9074	ZM_0149_A2_B05	ZM_0149_A2_B05_T7C	ZM_0149_A2_B05_MR
9075	ZM_0149_A2_B05		
9076	ZM_0149_A2_B06	ZM_0149_A2_B06_T7C	ZM_0149_A2_B06_MR
9077	ZM_0149_A2_B06		
9078	ZM_0149_A2_B07	ZM_0149_A2_B07_T7C	ZM_0149_A2_B07_MR
9079	ZM_0149_A2_B07		
9080	ZM_0149_A2_B09	ZM_0149_A2_B09_T7C	ZM_0149_A2_B09_MR
9081	ZM_0149_A2_B09		
9082	ZM_0149_A2_B10	ZM_0149_A2_B10_T7C	ZM_0149_A2_B10_MR
9083	ZM_0149_A2_B10		
9084	ZM_0149_A2_B11	ZM_0149_A2_B11_T7C	ZM_0149_A2_B11_MR
9085	ZM_0149_A2_B11		
9086	ZM_0149_A2_C01		ZM_0149_A2_C01_MR
9087	ZM_0149_A2_C02	ZM_0149_A2_C02_T7C	ZM_0149_A2_C02_MR
9088	ZM_0149_A2_C02		
9089	ZM_0149_A2_C03	ZM_0149_A2_C03_T7C	ZM_0149_A2_C03_MR
9090	ZM_0149_A2_C03		
9091	ZM_0149_A2_C04	ZM_0149_A2_C04_T7C	ZM_0149_A2_C04_MR
9092	ZM_0149_A2_C04		
9093	ZM_0149_A2_C05	ZM_0149_A2_C05_T7C	ZM_0149_A2_C05_MR
9094	ZM_0149_A2_C05		
9095	ZM_0149_A2_C06	ZM_0149_A2_C06_T7C	ZM_0149_A2_C06_MR
9096	ZM_0149_A2_C06		
9097	ZM_0149_A2_C07	ZM_0149_A2_C07_T7C	ZM_0149_A2_C07_MR
9098	ZM_0149_A2_C07		
9099	ZM_0149_A2_C08	ZM_0149_A2_C08_T7C	ZM_0149_A2_C08_MR
9100	ZM_0149_A2_C08		
9101	ZM_0149_A2_C09	ZM_0149_A2_C09_T7C	ZM_0149_A2_C09_MR
9102	ZM_0149_A2_C09		
9103	ZM_0149_A2_C10	ZM_0149_A2_C10_T7C	ZM_0149_A2_C10_MR
9104	ZM_0149_A2_C10		
9105	ZM_0149_A2_C11	ZM_0149_A2_C11_T7C	ZM_0149_A2_C11_MR
9106	ZM_0149_A2_C11		
9107	ZM_0149_A2_C12	ZM_0149_A2_C12_T7C	ZM_0149_A2_C12_MR
9108	ZM_0149_A2_C12		
9109	ZM_0149_A2_D01	ZM_0149_A2_D01_T7C	ZM_0149_A2_D01_MR
9110	ZM_0149_A2_D01		
9111	ZM_0149_A2_D02	ZM_0149_A2_D02_T7C	ZM_0149_A2_D02_MR
9112	ZM_0149_A2_D02		
9113	ZM_0149_A2_D03	ZM_0149_A2_D03_T7C	ZM_0149_A2_D03_MR
9114	ZM_0149_A2_D03		
9115	ZM_0149_A2_D04	ZM_0149_A2_D04_T7C	ZM_0149_A2_D04_MR
9116	ZM_0149_A2_D04		
9117	ZM_0149_A2_D05	ZM_0149_A2_D05_T7C	ZM_0149_A2_D05_MR
9118	ZM_0149_A2_D05		
9119	ZM_0149_A2_D06	ZM_0149_A2_D06_T7C	
9120	ZM_0149_A2_D07	ZM_0149_A2_D07_T7C	ZM_0149_A2_D07_MR
9121	ZM_0149_A2_D07		
9122	ZM_0149_A2_D08	ZM_0149_A2_D08_T7C	ZM_0149_A2_D08_MR
9123	ZM_0149_A2_D08		
9124	ZM_0149_A2_D09	ZM_0149_A2_D09_T7C	ZM_0149_A2_D09_MR
9125	ZM_0149_A2_D09		
9126	ZM_0149_A2_D10	ZM_0149_A2_D10_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9127	ZM_0149_A2_D10		ZM_0149_A2_D10_MR
9128	ZM_0149_A2_D11	ZM_0149_A2_D11_T7C	
9129	ZM_0149_A2_D11		ZM_0149_A2_D11_MR
9130	ZM_0149_A2_D12	ZM_0149_A2_D12_T7C	
9131	ZM_0149_A2_D12		ZM_0149_A2_D12_MR
9132	ZM_0149_A2_E01	ZM_0149_A2_E01_T7C	
9133	ZM_0149_A2_E01		ZM_0149_A2_E01_MR
9134	ZM_0149_A2_E02	ZM_0149_A2_E02_T7C	
9135	ZM_0149_A2_E02		ZM_0149_A2_E02_MR
9136	ZM_0149_A2_E03	ZM_0149_A2_E03_T7C	
9137	ZM_0149_A2_E03		ZM_0149_A2_E03_MR
9138	ZM_0149_A2_E04	ZM_0149_A2_E04_T7C	
9139	ZM_0149_A2_E04		ZM_0149_A2_E04_MR
9140	ZM_0149_A2_E05	ZM_0149_A2_E05_T7C	
9141	ZM_0149_A2_E05		ZM_0149_A2_E05_MR
9142	ZM_0149_A2_E06	ZM_0149_A2_E06_T7C	
9143	ZM_0149_A2_E06		ZM_0149_A2_E06_MR
9144	ZM_0149_A2_E07	ZM_0149_A2_E07_T7C	
9145	ZM_0149_A2_E07		ZM_0149_A2_E07_MR
9146	ZM_0149_A2_E08	ZM_0149_A2_E08_T7C	
9147	ZM_0149_A2_E08		ZM_0149_A2_E08_MR
9148	ZM_0149_A2_E09	ZM_0149_A2_E09_T7C	
9149	ZM_0149_A2_E09		ZM_0149_A2_E09_MR
9150	ZM_0149_A2_E10	ZM_0149_A2_E10_T7C	
9151	ZM_0149_A2_E10		ZM_0149_A2_E10_MR
9152	ZM_0149_A2_E11	ZM_0149_A2_E11_T7C	
9153	ZM_0149_A2_E11		ZM_0149_A2_E11_MR
9154	ZM_0149_A2_E12	ZM_0149_A2_E12_T7C	
9155	ZM_0149_A2_E12		ZM_0149_A2_E12_MR
9156	ZM_0149_A2_F01	ZM_0149_A2_F01_T7C	
9157	ZM_0149_A2_F01		ZM_0149_A2_F01_MR
9158	ZM_0149_A2_F02	ZM_0149_A2_F02_T7C	
9159	ZM_0149_A2_F03	ZM_0149_A2_F03_T7C	
9160	ZM_0149_A2_F03		ZM_0149_A2_F03_MR
9161	ZM_0149_A2_F04	ZM_0149_A2_F04_T7C	
9162	ZM_0149_A2_F04		ZM_0149_A2_F04_MR
9163	ZM_0149_A2_F05	ZM_0149_A2_F05_T7C	
9164	ZM_0149_A2_F05		ZM_0149_A2_F05_MR
9165	ZM_0149_A2_F06	ZM_0149_A2_F06_T7C	
9166	ZM_0149_A2_F06		ZM_0149_A2_F06_MR
9167	ZM_0149_A2_F07	ZM_0149_A2_F07_T7C	
9168	ZM_0149_A2_F07		ZM_0149_A2_F07_MR
9169	ZM_0149_A2_F08	ZM_0149_A2_F08_T7C	
9170	ZM_0149_A2_F09	ZM_0149_A2_F09_T7C	
9171	ZM_0149_A2_F09		ZM_0149_A2_F09_MR
9172	ZM_0149_A2_F10	ZM_0149_A2_F10_T7C	
9173	ZM_0149_A2_F10		ZM_0149_A2_F10_MR
9174	ZM_0149_A2_F11	ZM_0149_A2_F11_T7C	
9175	ZM_0149_A2_F11		ZM_0149_A2_F11_MR
9176	ZM_0149_A2_F12	ZM_0149_A2_F12_T7C	
9177	ZM_0149_A2_F12		ZM_0149_A2_F12_MR
9178	ZM_0149_A2_G01	ZM_0149_A2_G01_T7C	
9179	ZM_0149_A2_G01		ZM_0149_A2_G01_MR
9180	ZM_0149_A2_G02	ZM_0149_A2_G02_T7C	
9181	ZM_0149_A2_G02		ZM_0149_A2_G02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9182	ZM_0149_A2_G03	ZM_0149_A2_G03_T7C	
9183	ZM_0149_A2_G03		ZM_0149_A2_G03_MR
9184	ZM_0149_A2_G04	ZM_0149_A2_G04_T7C	
9185	ZM_0149_A2_G04		ZM_0149_A2_G04_MR
9186	ZM_0149_A2_G05	ZM_0149_A2_G05_T7C	
9187	ZM_0149_A2_G05		ZM_0149_A2_G05_MR
9188	ZM_0149_A2_G06	ZM_0149_A2_G06_T7C	
9189	ZM_0149_A2_G06		ZM_0149_A2_G06_MR
9190	ZM_0149_A2_G07	ZM_0149_A2_G07_T7C	
9191	ZM_0149_A2_G07		ZM_0149_A2_G07_MR
9192	ZM_0149_A2_G08	ZM_0149_A2_G08_T7C	
9193	ZM_0149_A2_G08		ZM_0149_A2_G08_MR
9194	ZM_0149_A2_G09	ZM_0149_A2_G09_T7C	
9195	ZM_0149_A2_G09		ZM_0149_A2_G09_MR
9196	ZM_0149_A2_G10	ZM_0149_A2_G10_T7C	
9197	ZM_0149_A2_G10		ZM_0149_A2_G10_MR
9198	ZM_0149_A2_G11		ZM_0149_A2_G11_MR
9199	ZM_0149_A2_G12	ZM_0149_A2_G12_T7C	
9200	ZM_0149_A2_G12		ZM_0149_A2_G12_MR
9201	ZM_0149_A2_H01	ZM_0149_A2_H01_T7C	
9202	ZM_0149_A2_H01		ZM_0149_A2_H01_MR
9203	ZM_0149_A2_H02	ZM_0149_A2_H02_T7C	
9204	ZM_0149_A2_H02		ZM_0149_A2_H02_MR
9205	ZM_0149_A2_H03	ZM_0149_A2_H03_T7C	
9206	ZM_0149_A2_H03		ZM_0149_A2_H03_MR
9207	ZM_0149_A2_H04	ZM_0149_A2_H04_T7C	
9208	ZM_0149_A2_H04		ZM_0149_A2_H04_MR
9209	ZM_0149_A2_H05	ZM_0149_A2_H05_T7C	
9210	ZM_0149_A2_H05		ZM_0149_A2_H05_MR
9211	ZM_0149_A2_H06	ZM_0149_A2_H06_T7C	
9212	ZM_0149_A2_H06		ZM_0149_A2_H06_MR
9213	ZM_0149_A2_H07	ZM_0149_A2_H07_T7C	
9214	ZM_0149_A2_H07		ZM_0149_A2_H07_MR
9215	ZM_0149_A2_H08	ZM_0149_A2_H08_T7C	
9216	ZM_0149_A2_H08		ZM_0149_A2_H08_MR
9217	ZM_0149_A2_H09	ZM_0149_A2_H09_T7C	
9218	ZM_0149_A2_H09		ZM_0149_A2_H09_MR
9219	ZM_0149_A2_H10	ZM_0149_A2_H10_T7C	
9220	ZM_0149_A2_H10		ZM_0149_A2_H10_MR
9221	ZM_0149_A2_H11	ZM_0149_A2_H11_T7C	
9222	ZM_0149_A2_H11		ZM_0149_A2_H11_MR
9223	ZM_0149_A2_H12	ZM_0149_A2_H12_T7C	
9224	ZM_0149_A2_H12		ZM_0149_A2_H12_MR
9225	ZM_014_A1_A01	ZM_014_A1_A01_T7C	
9226	ZM_014_A1_A01		ZM_014_A1_A01_MR
9227	ZM_014_A1_A02	ZM_014_A1_A02_T7C	
9228	ZM_014_A1_A02		ZM_014_A1_A02_MR
9229	ZM_014_A1_A03	ZM_014_A1_A03_T7C	
9230	ZM_014_A1_A03		ZM_014_A1_A03_MR
9231	ZM_014_A1_A04	ZM_014_A1_A04_T7C	
9232	ZM_014_A1_A04		ZM_014_A1_A04_MR
9233	ZM_014_A1_A05	ZM_014_A1_A05_T7C	
9234	ZM_014_A1_A05		ZM_014_A1_A05_MR
9235	ZM_014_A1_A06	ZM_014_A1_A06_T7C	
9236	ZM_014_A1_A06		ZM_014_A1_A06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9237	ZM_014_A1_A07	ZM_014_A1_A07_T7C	
9238	ZM_014_A1_A07		ZM_014_A1_A07_MR
9239	ZM_014_A1_A08	ZM_014_A1_A08_T7C	
9240	ZM_014_A1_A08		ZM_014_A1_A08_MR
9241	ZM_014_A1_A09	ZM_014_A1_A09_T7C	
9242	ZM_014_A1_A09		ZM_014_A1_A09_MR
9243	ZM_014_A1_A10	ZM_014_A1_A10_T7C	
9244	ZM_014_A1_A10		ZM_014_A1_A10_MR
9245	ZM_014_A1_A11	ZM_014_A1_A11_T7C	
9246	ZM_014_A1_A11		ZM_014_A1_A11_MR
9247	ZM_014_A1_A12		ZM_014_A1_A12_MR
9248	ZM_014_A1_B01	ZM_014_A1_B01_T7C	
9249	ZM_014_A1_B01		ZM_014_A1_B01_MR
9250	ZM_014_A1_B02	ZM_014_A1_B02_T7C	
9251	ZM_014_A1_B02		ZM_014_A1_B02_MR
9252	ZM_014_A1_B03	ZM_014_A1_B03_T7C	
9253	ZM_014_A1_B03		ZM_014_A1_B03_MR
9254	ZM_014_A1_B04	ZM_014_A1_B04_T7C	
9255	ZM_014_A1_B05	ZM_014_A1_B05_T7C	
9256	ZM_014_A1_B05		ZM_014_A1_B05_MR
9257	ZM_014_A1_B06		ZM_014_A1_B06_MR
9258	ZM_014_A1_B07	ZM_014_A1_B07_T7C	
9259	ZM_014_A1_B07		ZM_014_A1_B07_MR
9260	ZM_014_A1_B08	ZM_014_A1_B08_T7C	
9261	ZM_014_A1_B08		ZM_014_A1_B08_MR
9262	ZM_014_A1_B09	ZM_014_A1_B09_T7C	
9263	ZM_014_A1_B09		ZM_014_A1_B09_MR
9264	ZM_014_A1_B10	ZM_014_A1_B10_T7C	
9265	ZM_014_A1_B10		ZM_014_A1_B10_MR
9266	ZM_014_A1_B11	ZM_014_A1_B11_T7C	
9267	ZM_014_A1_B11		ZM_014_A1_B11_MR
9268	ZM_014_A1_B12		ZM_014_A1_B12_MR
9269	ZM_014_A1_C01	ZM_014_A1_C01_T7C	
9270	ZM_014_A1_C01		ZM_014_A1_C01_MR
9271	ZM_014_A1_C02	ZM_014_A1_C02_T7C	
9272	ZM_014_A1_C02		ZM_014_A1_C02_MR
9273	ZM_014_A1_C03	ZM_014_A1_C03_T7C	
9274	ZM_014_A1_C03		ZM_014_A1_C03_MR
9275	ZM_014_A1_C04	ZM_014_A1_C04_T7C	
9276	ZM_014_A1_C04		ZM_014_A1_C04_MR
9277	ZM_014_A1_C05	ZM_014_A1_C05_T7C	
9278	ZM_014_A1_C05		ZM_014_A1_C05_MR
9279	ZM_014_A1_C06	ZM_014_A1_C06_T7C	
9280	ZM_014_A1_C06		ZM_014_A1_C06_MR
9281	ZM_014_A1_C07	ZM_014_A1_C07_T7C	
9282	ZM_014_A1_C07		ZM_014_A1_C07_MR
9283	ZM_014_A1_C08	ZM_014_A1_C08_T7C	
9284	ZM_014_A1_C08		ZM_014_A1_C08_MR
9285	ZM_014_A1_C09	ZM_014_A1_C09_T7C	
9286	ZM_014_A1_C09		ZM_014_A1_C09_MR
9287	ZM_014_A1_C10	ZM_014_A1_C10_T7C	
9288	ZM_014_A1_C10		ZM_014_A1_C10_MR
9289	ZM_014_A1_C11	ZM_014_A1_C11_T7C	
9290	ZM_014_A1_C11		ZM_014_A1_C11_MR
9291	ZM_014_A1_C12	ZM_014_A1_C12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9292	ZM_014_A1_C12		ZM_014_A1_C12_MR
9293	ZM_014_A1_D01	ZM_014_A1_D01_T7C	
9294	ZM_014_A1_D01		ZM_014_A1_D01_MR
9295	ZM_014_A1_D02	ZM_014_A1_D02_T7C	
9296	ZM_014_A1_D02		ZM_014_A1_D02_MR
9297	ZM_014_A1_D03	ZM_014_A1_D03_T7C	
9298	ZM_014_A1_D03		ZM_014_A1_D03_MR
9299	ZM_014_A1_D04	ZM_014_A1_D04_T7C	
9300	ZM_014_A1_D04		ZM_014_A1_D04_MR
9301	ZM_014_A1_D05		ZM_014_A1_D05_MR
9302	ZM_014_A1_D06	ZM_014_A1_D06_T7C	
9303	ZM_014_A1_D06		ZM_014_A1_D06_MR
9304	ZM_014_A1_D07	ZM_014_A1_D07_T7C	
9305	ZM_014_A1_D07		ZM_014_A1_D07_MR
9306	ZM_014_A1_D08	ZM_014_A1_D08_T7C	
9307	ZM_014_A1_D08		ZM_014_A1_D08_MR
9308	ZM_014_A1_D09	ZM_014_A1_D09_T7C	
9309	ZM_014_A1_D09		ZM_014_A1_D09_MR
9310	ZM_014_A1_D10	ZM_014_A1_D10_T7C	
9311	ZM_014_A1_D10		ZM_014_A1_D10_MR
9312	ZM_014_A1_D11	ZM_014_A1_D11_T7C	
9313	ZM_014_A1_D11		ZM_014_A1_D11_MR
9314	ZM_014_A1_D12	ZM_014_A1_D12_T7C	
9315	ZM_014_A1_D12		ZM_014_A1_D12_MR
9316	ZM_014_A1_E01	ZM_014_A1_E01_T7C	
9317	ZM_014_A1_E01		ZM_014_A1_E01_MR
9318	ZM_014_A1_E02	ZM_014_A1_E02_T7C	
9319	ZM_014_A1_E02		ZM_014_A1_E02_MR
9320	ZM_014_A1_E04		ZM_014_A1_E04_MR
9321	ZM_014_A1_E05	ZM_014_A1_E05_T7C	
9322	ZM_014_A1_E05		ZM_014_A1_E05_MR
9323	ZM_014_A1_E06	ZM_014_A1_E06_T7C	
9324	ZM_014_A1_E06		ZM_014_A1_E06_MR
9325	ZM_014_A1_E07	ZM_014_A1_E07_T7C	
9326	ZM_014_A1_E07		ZM_014_A1_E07_MR
9327	ZM_014_A1_E08	ZM_014_A1_E08_T7C	
9328	ZM_014_A1_E08		ZM_014_A1_E08_MR
9329	ZM_014_A1_E09	ZM_014_A1_E09_T7C	
9330	ZM_014_A1_E09		ZM_014_A1_E09_MR
9331	ZM_014_A1_E10	ZM_014_A1_E10_T7C	
9332	ZM_014_A1_E10		ZM_014_A1_E10_MR
9333	ZM_014_A1_E11	ZM_014_A1_E11_T7C	
9334	ZM_014_A1_E11		ZM_014_A1_E11_MR
9335	ZM_014_A1_E12	ZM_014_A1_E12_T7C	
9336	ZM_014_A1_E12		ZM_014_A1_E12_MR
9337	ZM_014_A1_F01	ZM_014_A1_F01_T7C	
9338	ZM_014_A1_F01		ZM_014_A1_F01_MR
9339	ZM_014_A1_F02	ZM_014_A1_F02_T7C	
9340	ZM_014_A1_F02		ZM_014_A1_F02_MR
9341	ZM_014_A1_F04	ZM_014_A1_F04_T7C	
9342	ZM_014_A1_F04		ZM_014_A1_F04_MR
9343	ZM_014_A1_F05	ZM_014_A1_F05_T7C	
9344	ZM_014_A1_F05		ZM_014_A1_F05_MR
9345	ZM_014_A1_F06	ZM_014_A1_F06_T7C	
9346	ZM_014_A1_F06		ZM_014_A1_F06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9347	ZM_014_A1_F07	ZM_014_A1_F07_T7C	
9348	ZM_014_A1_F07		ZM_014_A1_F07_MR
9349	ZM_014_A1_F08		ZM_014_A1_F08_MR
9350	ZM_014_A1_F09	ZM_014_A1_F09_T7C	
9351	ZM_014_A1_F09		ZM_014_A1_F09_MR
9352	ZM_014_A1_F10	ZM_014_A1_F10_T7C	
9353	ZM_014_A1_F10		ZM_014_A1_F10_MR
9354	ZM_014_A1_F11	ZM_014_A1_F11_T7C	
9355	ZM_014_A1_F11		ZM_014_A1_F11_MR
9356	ZM_014_A1_F12	ZM_014_A1_F12_T7C	
9357	ZM_014_A1_F12		ZM_014_A1_F12_MR
9358	ZM_014_A1_G01	ZM_014_A1_G01_T7C	
9359	ZM_014_A1_G01		ZM_014_A1_G01_MR
9360	ZM_014_A1_G02	ZM_014_A1_G02_T7C	
9361	ZM_014_A1_G02		ZM_014_A1_G02_MR
9362	ZM_014_A1_G04	ZM_014_A1_G04_T7C	
9363	ZM_014_A1_G04		ZM_014_A1_G04_MR
9364	ZM_014_A1_G05		ZM_014_A1_G05_MR
9365	ZM_014_A1_G06	ZM_014_A1_G06_T7C	
9366	ZM_014_A1_G06		ZM_014_A1_G06_MR
9367	ZM_014_A1_G07	ZM_014_A1_G07_T7C	
9368	ZM_014_A1_G07		ZM_014_A1_G07_MR
9369	ZM_014_A1_G08	ZM_014_A1_G08_T7C	
9370	ZM_014_A1_G08		ZM_014_A1_G08_MR
9371	ZM_014_A1_G09	ZM_014_A1_G09_T7C	
9372	ZM_014_A1_G09		ZM_014_A1_G09_MR
9373	ZM_014_A1_G10	ZM_014_A1_G10_T7C	
9374	ZM_014_A1_G10		ZM_014_A1_G10_MR
9375	ZM_014_A1_G11		ZM_014_A1_G11_MR
9376	ZM_014_A1_G12	ZM_014_A1_G12_T7C	
9377	ZM_014_A1_G12		ZM_014_A1_G12_MR
9378	ZM_014_A1_H01	ZM_014_A1_H01_T7C	
9379	ZM_014_A1_H01		ZM_014_A1_H01_MR
9380	ZM_014_A1_H02	ZM_014_A1_H02_T7C	
9381	ZM_014_A1_H02		ZM_014_A1_H02_MR
9382	ZM_014_A1_H03	ZM_014_A1_H03_T7C	
9383	ZM_014_A1_H03		ZM_014_A1_H03_MR
9384	ZM_014_A1_H04	ZM_014_A1_H04_T7C	
9385	ZM_014_A1_H04		ZM_014_A1_H04_MR
9386	ZM_014_A1_H05	ZM_014_A1_H05_T7C	
9387	ZM_014_A1_H05		ZM_014_A1_H05_MR
9388	ZM_014_A1_H06	ZM_014_A1_H06_T7C	
9389	ZM_014_A1_H06		ZM_014_A1_H06_MR
9390	ZM_014_A1_H07	ZM_014_A1_H07_T7C	
9391	ZM_014_A1_H07		ZM_014_A1_H07_MR
9392	ZM_014_A1_H09	ZM_014_A1_H09_T7C	
9393	ZM_014_A1_H09		ZM_014_A1_H09_MR
9394	ZM_014_A1_H10	ZM_014_A1_H10_T7C	
9395	ZM_014_A1_H10		ZM_014_A1_H10_MR
9396	ZM_014_A1_H11	ZM_014_A1_H11_T7C	
9397	ZM_014_A1_H11		ZM_014_A1_H11_MR
9398	ZM_014_A1_H12	ZM_014_A1_H12_T7C	
9399	ZM_014_A1_H12		ZM_014_A1_H12_MR
9400	ZM_014_B1_A01	ZM_014_B1_A01_T7C	
9401	ZM_014_B1_A01		ZM_014_B1_A01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9402	ZM_014_B1_A02	ZM_014_B1_A02_T7C	
9403	ZM_014_B1_A02		ZM_014_B1_A02_MR
9404	ZM_014_B1_A03	ZM_014_B1_A03_T7C	
9405	ZM_014_B1_A03		ZM_014_B1_A03_MR
9406	ZM_014_B1_A04	ZM_014_B1_A04_T7C	
9407	ZM_014_B1_A05	ZM_014_B1_A05_T7C	
9408	ZM_014_B1_A06	ZM_014_B1_A06_T7C	
9409	ZM_014_B1_A07	ZM_014_B1_A07_T7C	
9410	ZM_014_B1_A08	ZM_014_B1_A08_T7C	
9411	ZM_014_B1_A09	ZM_014_B1_A09_T7C	
9412	ZM_014_B1_A09		ZM_014_B1_A09_MR
9413	ZM_014_B1_A10	ZM_014_B1_A10_T7C	
9414	ZM_014_B1_A10		ZM_014_B1_A10_MR
9415	ZM_014_B1_A11		ZM_014_B1_A11_MR
9416	ZM_014_B1_A12	ZM_014_B1_A12_T7C	
9417	ZM_014_B1_A12		ZM_014_B1_A12_MR
9418	ZM_014_B1_B01	ZM_014_B1_B01_T7C	
9419	ZM_014_B1_B01		ZM_014_B1_B01_MR
9420	ZM_014_B1_B03	ZM_014_B1_B03_T7C	
9421	ZM_014_B1_B04	ZM_014_B1_B04_T7C	
9422	ZM_014_B1_B04		ZM_014_B1_B04_MR
9423	ZM_014_B1_B05	ZM_014_B1_B05_T7C	
9424	ZM_014_B1_B05		ZM_014_B1_B05_MR
9425	ZM_014_B1_B06	ZM_014_B1_B06_T7C	
9426	ZM_014_B1_B06		ZM_014_B1_B06_MR
9427	ZM_014_B1_B07	ZM_014_B1_B07_T7C	
9428	ZM_014_B1_B07		ZM_014_B1_B07_MR
9429	ZM_014_B1_B08		ZM_014_B1_B08_MR
9430	ZM_014_B1_B09	ZM_014_B1_B09_T7C	
9431	ZM_014_B1_B09		ZM_014_B1_B09_MR
9432	ZM_014_B1_B10	ZM_014_B1_B10_T7C	
9433	ZM_014_B1_B11		ZM_014_B1_B11_MR
9434	ZM_014_B1_B12	ZM_014_B1_B12_T7C	
9435	ZM_014_B1_B12		ZM_014_B1_B12_MR
9436	ZM_014_B1_C01	ZM_014_B1_C01_T7C	
9437	ZM_014_B1_C01		ZM_014_B1_C01_MR
9438	ZM_014_B1_C02	ZM_014_B1_C02_T7C	
9439	ZM_014_B1_C03	ZM_014_B1_C03_T7C	
9440	ZM_014_B1_C03		ZM_014_B1_C03_MR
9441	ZM_014_B1_C04	ZM_014_B1_C04_T7C	
9442	ZM_014_B1_C04		ZM_014_B1_C04_MR
9443	ZM_014_B1_C05	ZM_014_B1_C05_T7C	
9444	ZM_014_B1_C05		ZM_014_B1_C05_MR
9445	ZM_014_B1_C06	ZM_014_B1_C06_T7C	
9446	ZM_014_B1_C06		ZM_014_B1_C06_MR
9447	ZM_014_B1_C07	ZM_014_B1_C07_T7C	
9448	ZM_014_B1_C07		ZM_014_B1_C07_MR
9449	ZM_014_B1_C08	ZM_014_B1_C08_T7C	
9450	ZM_014_B1_C08		ZM_014_B1_C08_MR
9451	ZM_014_B1_C09	ZM_014_B1_C09_T7C	
9452	ZM_014_B1_C09		ZM_014_B1_C09_MR
9453	ZM_014_B1_C10		ZM_014_B1_C10_MR
9454	ZM_014_B1_C11	ZM_014_B1_C11_T7C	
9455	ZM_014_B1_C11		ZM_014_B1_C11_MR
9456	ZM_014_B1_C12	ZM_014_B1_C12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9457	ZM_014_B1_D02	ZM_014_B1_D02_T7C	
9458	ZM_014_B1_D02		ZM_014_B1_D02_MR
9459	ZM_014_B1_D03		ZM_014_B1_D03_MR
9460	ZM_014_B1_D04	ZM_014_B1_D04_T7C	
9461	ZM_014_B1_D04		ZM_014_B1_D04_MR
9462	ZM_014_B1_D05	ZM_014_B1_D05_T7C	
9463	ZM_014_B1_D05		ZM_014_B1_D05_MR
9464	ZM_014_B1_D06	ZM_014_B1_D06_T7C	
9465	ZM_014_B1_D07	ZM_014_B1_D07_T7C	
9466	ZM_014_B1_D07		ZM_014_B1_D07_MR
9467	ZM_014_B1_D08	ZM_014_B1_D08_T7C	
9468	ZM_014_B1_D08		ZM_014_B1_D08_MR
9469	ZM_014_B1_D10	ZM_014_B1_D10_T7C	
9470	ZM_014_B1_D10		ZM_014_B1_D10_MR
9471	ZM_014_B1_D11	ZM_014_B1_D11_T7C	
9472	ZM_014_B1_D12	ZM_014_B1_D12_T7C	
9473	ZM_014_B1_D12		ZM_014_B1_D12_MR
9474	ZM_014_B1_E01		ZM_014_B1_E01_MR
9475	ZM_014_B1_E02	ZM_014_B1_E02_T7C	
9476	ZM_014_B1_E02		ZM_014_B1_E02_MR
9477	ZM_014_B1_E03	ZM_014_B1_E03_T7C	
9478	ZM_014_B1_E03		ZM_014_B1_E03_MR
9479	ZM_014_B1_E04	ZM_014_B1_E04_T7C	
9480	ZM_014_B1_E04		ZM_014_B1_E04_MR
9481	ZM_014_B1_E05	ZM_014_B1_E05_T7C	
9482	ZM_014_B1_E05		ZM_014_B1_E05_MR
9483	ZM_014_B1_E07	ZM_014_B1_E07_T7C	
9484	ZM_014_B1_E08		ZM_014_B1_E08_MR
9485	ZM_014_B1_E09	ZM_014_B1_E09_T7C	
9486	ZM_014_B1_E09		ZM_014_B1_E09_MR
9487	ZM_014_B1_E10	ZM_014_B1_E10_T7C	
9488	ZM_014_B1_E11	ZM_014_B1_E11_T7C	
9489	ZM_014_B1_E12	ZM_014_B1_E12_T7C	
9490	ZM_014_B1_F01	ZM_014_B1_F01_T7C	
9491	ZM_014_B1_F01		ZM_014_B1_F01_MR
9492	ZM_014_B1_F02	ZM_014_B1_F02_T7C	
9493	ZM_014_B1_F03	ZM_014_B1_F03_T7C	
9494	ZM_014_B1_F03		ZM_014_B1_F03_MR
9495	ZM_014_B1_F04	ZM_014_B1_F04_T7C	
9496	ZM_014_B1_F04		ZM_014_B1_F04_MR
9497	ZM_014_B1_F05	ZM_014_B1_F05_T7C	
9498	ZM_014_B1_F06	ZM_014_B1_F06_T7C	
9499	ZM_014_B1_F07	ZM_014_B1_F07_T7C	
9500	ZM_014_B1_F08	ZM_014_B1_F08_T7C	
9501	ZM_014_B1_F08		ZM_014_B1_F08_MR
9502	ZM_014_B1_F09	ZM_014_B1_F09_T7C	
9503	ZM_014_B1_F10	ZM_014_B1_F10_T7C	
9504	ZM_014_B1_F10		ZM_014_B1_F10_MR
9505	ZM_014_B1_G01	ZM_014_B1_G01_T7C	
9506	ZM_014_B1_G01		ZM_014_B1_G01_MR
9507	ZM_014_B1_G02	ZM_014_B1_G02_T7C	
9508	ZM_014_B1_G03	ZM_014_B1_G03_T7C	
9509	ZM_014_B1_G03		ZM_014_B1_G03_MR
9510	ZM_014_B1_G04	ZM_014_B1_G04_T7C	
9511	ZM_014_B1_G05	ZM_014_B1_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9512	ZM_014_B1_G05		ZM_014_B1_G05_MR
9513	ZM_014_B1_G07	ZM_014_B1_G07_T7C	
9514	ZM_014_B1_G08	ZM_014_B1_G08_T7C	
9515	ZM_014_B1_G10	ZM_014_B1_G10_T7C	
9516	ZM_014_B1_G10		ZM_014_B1_G10_MR
9517	ZM_014_B1_G12	ZM_014_B1_G12_T7C	
9518	ZM_014_B1_H01	ZM_014_B1_H01_T7C	
9519	ZM_014_B1_H01		ZM_014_B1_H01_MR
9520	ZM_014_B1_H02	ZM_014_B1_H02_T7C	
9521	ZM_014_B1_H04	ZM_014_B1_H04_T7C	
9522	ZM_014_B1_H05	ZM_014_B1_H05_T7C	
9523	ZM_014_B1_H07	ZM_014_B1_H07_T7C	
9524	ZM_014_B1_H07		ZM_014_B1_H07_MR
9525	ZM_014_B1_H08		ZM_014_B1_H08_MR
9526	ZM_014_B1_H10	ZM_014_B1_H10_T7C	
9527	ZM_014_B1_H11	ZM_014_B1_H11_T7C	
9528	ZM_014_B1_H11		ZM_014_B1_H11_MR
9529	ZM_014_B1_H12	ZM_014_B1_H12_T7C	
9530	ZM_014_B2_A01		ZM_014_B2_A01_MR
9531	ZM_014_B2_A02	ZM_014_B2_A02_T7	
9532	ZM_014_B2_A02		ZM_014_B2_A02_MR
9533	ZM_014_B2_A03	ZM_014_B2_A03_T7	
9534	ZM_014_B2_A03		ZM_014_B2_A03_MR
9535	ZM_014_B2_A04	ZM_014_B2_A04_T7	
9536	ZM_014_B2_A04		ZM_014_B2_A04_MR
9537	ZM_014_B2_A05	ZM_014_B2_A05_T7	
9538	ZM_014_B2_A05		ZM_014_B2_A05_MR
9539	ZM_014_B2_A06	ZM_014_B2_A06_T7	
9540	ZM_014_B2_A06		ZM_014_B2_A06_MR
9541	ZM_014_B2_A07	ZM_014_B2_A07_T7	
9542	ZM_014_B2_A07		ZM_014_B2_A07_MR
9543	ZM_014_B2_A08	ZM_014_B2_A08_T7	
9544	ZM_014_B2_A08		ZM_014_B2_A08_MR
9545	ZM_014_B2_A09	ZM_014_B2_A09_T7	
9546	ZM_014_B2_A09		ZM_014_B2_A09_MR
9547	ZM_014_B2_A10	ZM_014_B2_A10_T7	
9548	ZM_014_B2_A10		ZM_014_B2_A10_MR
9549	ZM_014_B2_A11	ZM_014_B2_A11_T7	
9550	ZM_014_B2_A11		ZM_014_B2_A11_MR
9551	ZM_014_B2_A12	ZM_014_B2_A12_T7	
9552	ZM_014_B2_A12		ZM_014_B2_A12_MR
9553	ZM_014_B2_B01	ZM_014_B2_B01_T7	
9554	ZM_014_B2_B01		ZM_014_B2_B01_MR
9555	ZM_014_B2_B02	ZM_014_B2_B02_T7	
9556	ZM_014_B2_B02		ZM_014_B2_B02_MR
9557	ZM_014_B2_B03	ZM_014_B2_B03_T7	
9558	ZM_014_B2_B03		ZM_014_B2_B03_MR
9559	ZM_014_B2_B04	ZM_014_B2_B04_T7	
9560	ZM_014_B2_B04		ZM_014_B2_B04_MR
9561	ZM_014_B2_B05	ZM_014_B2_B05_T7	
9562	ZM_014_B2_B05		ZM_014_B2_B05_MR
9563	ZM_014_B2_B06	ZM_014_B2_B06_T7	
9564	ZM_014_B2_B06		ZM_014_B2_B06_MR
9565	ZM_014_B2_B07	ZM_014_B2_B07_T7	
9566	ZM_014_B2_B07		ZM_014_B2_B07_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9567	ZM_014_B2_B08	ZM_014_B2_B08_T7	ZM_014_B2_B08_MR
9568	ZM_014_B2_B08		
9569	ZM_014_B2_B09	ZM_014_B2_B09_T7	ZM_014_B2_B09_MR
9570	ZM_014_B2_B09		
9571	ZM_014_B2_B10	ZM_014_B2_B10_T7	ZM_014_B2_B10_MR
9572	ZM_014_B2_B10		
9573	ZM_014_B2_B11	ZM_014_B2_B11_T7	ZM_014_B2_B11_MR
9574	ZM_014_B2_B11		
9575	ZM_014_B2_B12	ZM_014_B2_B12_T7	ZM_014_B2_B12_MR
9576	ZM_014_B2_B12		
9577	ZM_014_B2_C01	ZM_014_B2_C01_T7	ZM_014_B2_C01_MR
9578	ZM_014_B2_C01		
9579	ZM_014_B2_C02	ZM_014_B2_C02_T7	ZM_014_B2_C02_MR
9580	ZM_014_B2_C02		
9581	ZM_014_B2_C03	ZM_014_B2_C03_T7	ZM_014_B2_C03_MR
9582	ZM_014_B2_C03		
9583	ZM_014_B2_C04	ZM_014_B2_C04_T7	ZM_014_B2_C04_MR
9584	ZM_014_B2_C04		
9585	ZM_014_B2_C05	ZM_014_B2_C05_T7	ZM_014_B2_C05_MR
9586	ZM_014_B2_C05		
9587	ZM_014_B2_C06	ZM_014_B2_C06_T7	ZM_014_B2_C06_MR
9588	ZM_014_B2_C06		
9589	ZM_014_B2_C07	ZM_014_B2_C07_T7	ZM_014_B2_C07_MR
9590	ZM_014_B2_C07		
9591	ZM_014_B2_C08	ZM_014_B2_C08_T7	ZM_014_B2_C08_MR
9592	ZM_014_B2_C08		
9593	ZM_014_B2_C09	ZM_014_B2_C09_T7	ZM_014_B2_C09_MR
9594	ZM_014_B2_C09		
9595	ZM_014_B2_C10	ZM_014_B2_C10_T7	
9596	ZM_014_B2_C11	ZM_014_B2_C11_T7	ZM_014_B2_C11_MR
9597	ZM_014_B2_C11		
9598	ZM_014_B2_C12	ZM_014_B2_C12_T7	ZM_014_B2_C12_MR
9599	ZM_014_B2_C12		
9600	ZM_014_B2_D01	ZM_014_B2_D01_T7	ZM_014_B2_D01_MR
9601	ZM_014_B2_D01		
9602	ZM_014_B2_D02	ZM_014_B2_D02_T7	ZM_014_B2_D02_MR
9603	ZM_014_B2_D02		
9604	ZM_014_B2_D03	ZM_014_B2_D03_T7	ZM_014_B2_D03_MR
9605	ZM_014_B2_D03		
9606	ZM_014_B2_D04		ZM_014_B2_D04_MR
9607	ZM_014_B2_D05	ZM_014_B2_D05_T7	ZM_014_B2_D05_MR
9608	ZM_014_B2_D05		
9609	ZM_014_B2_D07	ZM_014_B2_D07_T7	ZM_014_B2_D07_MR
9610	ZM_014_B2_D07		
9611	ZM_014_B2_D08	ZM_014_B2_D08_T7	ZM_014_B2_D08_MR
9612	ZM_014_B2_D08		
9613	ZM_014_B2_D09	ZM_014_B2_D09_T7	ZM_014_B2_D09_MR
9614	ZM_014_B2_D09		
9615	ZM_014_B2_D10	ZM_014_B2_D10_T7	ZM_014_B2_D10_MR
9616	ZM_014_B2_D10		
9617	ZM_014_B2_D11	ZM_014_B2_D11_T7	ZM_014_B2_D11_MR
9618	ZM_014_B2_D11		
9619	ZM_014_B2_D12	ZM_014_B2_D12_T7	ZM_014_B2_D12_MR
9620	ZM_014_B2_D12		
9621	ZM_014_B2_E01	ZM_014_B2_E01_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9622	ZM_014_B2_E01		ZM_014_B2_E01_MR
9623	ZM_014_B2_E02	ZM_014_B2_E02_T7	
9624	ZM_014_B2_E02		ZM_014_B2_E02_MR
9625	ZM_014_B2_E03	ZM_014_B2_E03_T7	
9626	ZM_014_B2_E03		ZM_014_B2_E03_MR
9627	ZM_014_B2_E04	ZM_014_B2_E04_T7	
9628	ZM_014_B2_E04		ZM_014_B2_E04_MR
9629	ZM_014_B2_E05	ZM_014_B2_E05_T7	
9630	ZM_014_B2_E05		ZM_014_B2_E05_MR
9631	ZM_014_B2_E06	ZM_014_B2_E06_T7	
9632	ZM_014_B2_E06		ZM_014_B2_E06_MR
9633	ZM_014_B2_E07	ZM_014_B2_E07_T7	
9634	ZM_014_B2_E07		ZM_014_B2_E07_MR
9635	ZM_014_B2_E08	ZM_014_B2_E08_T7	
9636	ZM_014_B2_E08		ZM_014_B2_E08_MR
9637	ZM_014_B2_E09	ZM_014_B2_E09_T7	
9638	ZM_014_B2_E09		ZM_014_B2_E09_MR
9639	ZM_014_B2_E10	ZM_014_B2_E10_T7	
9640	ZM_014_B2_E10		ZM_014_B2_E10_MR
9641	ZM_014_B2_E11	ZM_014_B2_E11_T7	
9642	ZM_014_B2_E11		ZM_014_B2_E11_MR
9643	ZM_014_B2_E12	ZM_014_B2_E12_T7	
9644	ZM_014_B2_E12		ZM_014_B2_E12_MR
9645	ZM_014_B2_F01	ZM_014_B2_F01_T7	
9646	ZM_014_B2_F01		ZM_014_B2_F01_MR
9647	ZM_014_B2_F02	ZM_014_B2_F02_T7	
9648	ZM_014_B2_F02		ZM_014_B2_F02_MR
9649	ZM_014_B2_F03		ZM_014_B2_F03_MR
9650	ZM_014_B2_F04	ZM_014_B2_F04_T7	
9651	ZM_014_B2_F04		ZM_014_B2_F04_MR
9652	ZM_014_B2_F05	ZM_014_B2_F05_T7	
9653	ZM_014_B2_F05		ZM_014_B2_F05_MR
9654	ZM_014_B2_F06	ZM_014_B2_F06_T7	
9655	ZM_014_B2_F06		ZM_014_B2_F06_MR
9656	ZM_014_B2_F07	ZM_014_B2_F07_T7	
9657	ZM_014_B2_F07		ZM_014_B2_F07_MR
9658	ZM_014_B2_F08	ZM_014_B2_F08_T7	
9659	ZM_014_B2_F08		ZM_014_B2_F08_MR
9660	ZM_014_B2_F09	ZM_014_B2_F09_T7	
9661	ZM_014_B2_F09		ZM_014_B2_F09_MR
9662	ZM_014_B2_F10	ZM_014_B2_F10_T7	
9663	ZM_014_B2_F10		ZM_014_B2_F10_MR
9664	ZM_014_B2_F11	ZM_014_B2_F11_T7	
9665	ZM_014_B2_F11		ZM_014_B2_F11_MR
9666	ZM_014_B2_F12	ZM_014_B2_F12_T7	
9667	ZM_014_B2_G01	ZM_014_B2_G01_T7	
9668	ZM_014_B2_G01		ZM_014_B2_G01_MR
9669	ZM_014_B2_G02	ZM_014_B2_G02_T7	
9670	ZM_014_B2_G02		ZM_014_B2_G02_MR
9671	ZM_014_B2_G03	ZM_014_B2_G03_T7	
9672	ZM_014_B2_G03		ZM_014_B2_G03_MR
9673	ZM_014_B2_G04	ZM_014_B2_G04_T7	
9674	ZM_014_B2_G04		ZM_014_B2_G04_MR
9675	ZM_014_B2_G05	ZM_014_B2_G05_T7	
9676	ZM_014_B2_G05		ZM_014_B2_G05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9677	ZM_014_B2_G06	ZM_014_B2_G06_T7	
9678	ZM_014_B2_G06		ZM_014_B2_G06_MR
9679	ZM_014_B2_G07	ZM_014_B2_G07_T7	
9680	ZM_014_B2_G07		ZM_014_B2_G07_MR
9681	ZM_014_B2_G08	ZM_014_B2_G08_T7	
9682	ZM_014_B2_G08		ZM_014_B2_G08_MR
9683	ZM_014_B2_G09	ZM_014_B2_G09_T7	
9684	ZM_014_B2_G09		ZM_014_B2_G09_MR
9685	ZM_014_B2_G10	ZM_014_B2_G10_T7	
9686	ZM_014_B2_G10		ZM_014_B2_G10_MR
9687	ZM_014_B2_G11	ZM_014_B2_G11_T7	
9688	ZM_014_B2_G11		ZM_014_B2_G11_MR
9689	ZM_014_B2_G12	ZM_014_B2_G12_T7	
9690	ZM_014_B2_H01	ZM_014_B2_H01_T7	
9691	ZM_014_B2_H01		ZM_014_B2_H01_MR
9692	ZM_014_B2_H02	ZM_014_B2_H02_T7	
9693	ZM_014_B2_H02		ZM_014_B2_H02_MR
9694	ZM_014_B2_H03	ZM_014_B2_H03_T7	
9695	ZM_014_B2_H03		ZM_014_B2_H03_MR
9696	ZM_014_B2_H04	ZM_014_B2_H04_T7	
9697	ZM_014_B2_H04		ZM_014_B2_H04_MR
9698	ZM_014_B2_H05	ZM_014_B2_H05_T7	
9699	ZM_014_B2_H05		ZM_014_B2_H05_MR
9700	ZM_014_B2_H07		ZM_014_B2_H07_MR
9701	ZM_014_B2_H08	ZM_014_B2_H08_T7	
9702	ZM_014_B2_H08		ZM_014_B2_H08_MR
9703	ZM_014_B2_H09	ZM_014_B2_H09_T7	
9704	ZM_014_B2_H09		ZM_014_B2_H09_MR
9705	ZM_014_B2_H11	ZM_014_B2_H11_T7	
9706	ZM_014_B2_H11		ZM_014_B2_H11_MR
9707	ZM_014_B2_H12	ZM_014_B2_H12_T7	
9708	ZM_0150_A2_A01	ZM_0150_A2_A01_T7C	
9709	ZM_0150_A2_A02	ZM_0150_A2_A02_T7C	
9710	ZM_0150_A2_A03	ZM_0150_A2_A03_T7C	
9711	ZM_0150_A2_A04	ZM_0150_A2_A04_T7C	
9712	ZM_0150_A2_A05	ZM_0150_A2_A05_T7C	
9713	ZM_0150_A2_A07	ZM_0150_A2_A07_T7C	
9714	ZM_0150_A2_A08	ZM_0150_A2_A08_T7C	
9715	ZM_0150_A2_A09	ZM_0150_A2_A09_T7C	
9716	ZM_0150_A2_A10	ZM_0150_A2_A10_T7C	
9717	ZM_0150_A2_A11	ZM_0150_A2_A11_T7C	
9718	ZM_0150_A2_A12	ZM_0150_A2_A12_T7C	
9719	ZM_0150_A2_B01	ZM_0150_A2_B01_T7C	
9720	ZM_0150_A2_B02	ZM_0150_A2_B02_T7C	
9721	ZM_0150_A2_B03	ZM_0150_A2_B03_T7C	
9722	ZM_0150_A2_B04	ZM_0150_A2_B04_T7C	
9723	ZM_0150_A2_B05	ZM_0150_A2_B05_T7C	
9724	ZM_0150_A2_B06	ZM_0150_A2_B06_T7C	
9725	ZM_0150_A2_B07	ZM_0150_A2_B07_T7C	
9726	ZM_0150_A2_B08	ZM_0150_A2_B08_T7C	
9727	ZM_0150_A2_B09	ZM_0150_A2_B09_T7C	
9728	ZM_0150_A2_B10	ZM_0150_A2_B10_T7C	
9729	ZM_0150_A2_B11	ZM_0150_A2_B11_T7C	
9730	ZM_0150_A2_B12	ZM_0150_A2_B12_T7C	
9731	ZM_0150_A2_C02	ZM_0150_A2_C02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9732	ZM_0150_A2_C03	ZM_0150_A2_C03_T7C	
9733	ZM_0150_A2_C04	ZM_0150_A2_C04_T7C	
9734	ZM_0150_A2_C05	ZM_0150_A2_C05_T7C	
9735	ZM_0150_A2_C06	ZM_0150_A2_C06_T7C	
9736	ZM_0150_A2_C07	ZM_0150_A2_C07_T7C	
9737	ZM_0150_A2_C08	ZM_0150_A2_C08_T7C	
9738	ZM_0150_A2_C09	ZM_0150_A2_C09_T7C	
9739	ZM_0150_A2_C10	ZM_0150_A2_C10_T7C	
9740	ZM_0150_A2_C11	ZM_0150_A2_C11_T7C	
9741	ZM_0150_A2_C12	ZM_0150_A2_C12_T7C	
9742	ZM_0150_A2_D01	ZM_0150_A2_D01_T7C	
9743	ZM_0150_A2_D02	ZM_0150_A2_D02_T7C	
9744	ZM_0150_A2_D03	ZM_0150_A2_D03_T7C	
9745	ZM_0150_A2_D04	ZM_0150_A2_D04_T7C	
9746	ZM_0150_A2_D05	ZM_0150_A2_D05_T7C	
9747	ZM_0150_A2_D06	ZM_0150_A2_D06_T7C	
9748	ZM_0150_A2_D07	ZM_0150_A2_D07_T7C	
9749	ZM_0150_A2_D08	ZM_0150_A2_D08_T7C	
9750	ZM_0150_A2_D09	ZM_0150_A2_D09_T7C	
9751	ZM_0150_A2_D10	ZM_0150_A2_D10_T7C	
9752	ZM_0150_A2_D11	ZM_0150_A2_D11_T7C	
9753	ZM_0150_A2_D12	ZM_0150_A2_D12_T7C	
9754	ZM_0150_A2_E01	ZM_0150_A2_E01_T7C	
9755	ZM_0150_A2_E02	ZM_0150_A2_E02_T7C	
9756	ZM_0150_A2_E04	ZM_0150_A2_E04_T7C	
9757	ZM_0150_A2_E05	ZM_0150_A2_E05_T7C	
9758	ZM_0150_A2_E06	ZM_0150_A2_E06_T7C	
9759	ZM_0150_A2_E07	ZM_0150_A2_E07_T7C	
9760	ZM_0150_A2_E08	ZM_0150_A2_E08_T7C	
9761	ZM_0150_A2_E09	ZM_0150_A2_E09_T7C	
9762	ZM_0150_A2_E10	ZM_0150_A2_E10_T7C	
9763	ZM_0150_A2_E11	ZM_0150_A2_E11_T7C	
9764	ZM_0150_A2_E12	ZM_0150_A2_E12_T7C	
9765	ZM_0150_A2_F01	ZM_0150_A2_F01_T7C	
9766	ZM_0150_A2_F02	ZM_0150_A2_F02_T7C	
9767	ZM_0150_A2_F03	ZM_0150_A2_F03_T7C	
9768	ZM_0150_A2_F04	ZM_0150_A2_F04_T7C	
9769	ZM_0150_A2_F05	ZM_0150_A2_F05_T7C	
9770	ZM_0150_A2_F06	ZM_0150_A2_F06_T7C	
9771	ZM_0150_A2_F07	ZM_0150_A2_F07_T7C	
9772	ZM_0150_A2_F08	ZM_0150_A2_F08_T7C	
9773	ZM_0150_A2_F09	ZM_0150_A2_F09_T7C	
9774	ZM_0150_A2_F10	ZM_0150_A2_F10_T7C	
9775	ZM_0150_A2_F11	ZM_0150_A2_F11_T7C	
9776	ZM_0150_A2_F12	ZM_0150_A2_F12_T7C	
9777	ZM_0150_A2_G01	ZM_0150_A2_G01_T7C	
9778	ZM_0150_A2_G02	ZM_0150_A2_G02_T7C	
9779	ZM_0150_A2_G03	ZM_0150_A2_G03_T7C	
9780	ZM_0150_A2_G04	ZM_0150_A2_G04_T7C	
9781	ZM_0150_A2_G05	ZM_0150_A2_G05_T7C	
9782	ZM_0150_A2_G07	ZM_0150_A2_G07_T7C	
9783	ZM_0150_A2_G08	ZM_0150_A2_G08_T7C	
9784	ZM_0150_A2_G09	ZM_0150_A2_G09_T7C	
9785	ZM_0150_A2_G10	ZM_0150_A2_G10_T7C	
9786	ZM_0150_A2_G11	ZM_0150_A2_G11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9787	ZM_0150_A2_G12	ZM_0150_A2_G12_T7C	
9788	ZM_0150_A2_H01	ZM_0150_A2_H01_T7C	
9789	ZM_0150_A2_H02	ZM_0150_A2_H02_T7C	
9790	ZM_0150_A2_H03	ZM_0150_A2_H03_T7C	
9791	ZM_0150_A2_H04	ZM_0150_A2_H04_T7C	
9792	ZM_0150_A2_H05	ZM_0150_A2_H05_T7C	
9793	ZM_0150_A2_H07	ZM_0150_A2_H07_T7C	
9794	ZM_0150_A2_H10	ZM_0150_A2_H10_T7C	
9795	ZM_0150_A2_H11	ZM_0150_A2_H11_T7C	
9796	ZM_0150_A2_H12	ZM_0150_A2_H12_T7C	
9797	ZM_0151_A2_A01	ZM_0151_A2_A01_T7C	
9798	ZM_0151_A2_A01		ZM_0151_A2_A01_MR
9799	ZM_0151_A2_A02	ZM_0151_A2_A02_T7C	
9800	ZM_0151_A2_A02		ZM_0151_A2_A02_MR
9801	ZM_0151_A2_A03	ZM_0151_A2_A03_T7C	
9802	ZM_0151_A2_A03		ZM_0151_A2_A03_MR
9803	ZM_0151_A2_A04	ZM_0151_A2_A04_T7C	
9804	ZM_0151_A2_A04		ZM_0151_A2_A04_MR
9805	ZM_0151_A2_A05	ZM_0151_A2_A05_T7C	
9806	ZM_0151_A2_A05		ZM_0151_A2_A05_MR
9807	ZM_0151_A2_A06	ZM_0151_A2_A06_T7C	
9808	ZM_0151_A2_A06		ZM_0151_A2_A06_MR
9809	ZM_0151_A2_A07	ZM_0151_A2_A07_T7C	
9810	ZM_0151_A2_A07		ZM_0151_A2_A07_MR
9811	ZM_0151_A2_A08	ZM_0151_A2_A08_T7C	
9812	ZM_0151_A2_A08		ZM_0151_A2_A08_MR
9813	ZM_0151_A2_A09	ZM_0151_A2_A09_T7C	
9814	ZM_0151_A2_A09		ZM_0151_A2_A09_MR
9815	ZM_0151_A2_A11	ZM_0151_A2_A11_T7C	
9816	ZM_0151_A2_A11		ZM_0151_A2_A11_MR
9817	ZM_0151_A2_A12	ZM_0151_A2_A12_T7C	
9818	ZM_0151_A2_A12		ZM_0151_A2_A12_MR
9819	ZM_0151_A2_B02	ZM_0151_A2_B02_T7C	
9820	ZM_0151_A2_B02		ZM_0151_A2_B02_MR
9821	ZM_0151_A2_B03	ZM_0151_A2_B03_T7C	
9822	ZM_0151_A2_B03		ZM_0151_A2_B03_MR
9823	ZM_0151_A2_B04	ZM_0151_A2_B04_T7C	
9824	ZM_0151_A2_B04		ZM_0151_A2_B04_MR
9825	ZM_0151_A2_B05	ZM_0151_A2_B05_T7C	
9826	ZM_0151_A2_B05		ZM_0151_A2_B05_MR
9827	ZM_0151_A2_B06	ZM_0151_A2_B06_T7C	
9828	ZM_0151_A2_B06		ZM_0151_A2_B06_MR
9829	ZM_0151_A2_B07	ZM_0151_A2_B07_T7C	
9830	ZM_0151_A2_B07		ZM_0151_A2_B07_MR
9831	ZM_0151_A2_B08	ZM_0151_A2_B08_T7C	
9832	ZM_0151_A2_B08		ZM_0151_A2_B08_MR
9833	ZM_0151_A2_B09	ZM_0151_A2_B09_T7C	
9834	ZM_0151_A2_B09		ZM_0151_A2_B09_MR
9835	ZM_0151_A2_B10	ZM_0151_A2_B10_T7C	
9836	ZM_0151_A2_B10		ZM_0151_A2_B10_MR
9837	ZM_0151_A2_B11	ZM_0151_A2_B11_T7C	
9838	ZM_0151_A2_B11		ZM_0151_A2_B11_MR
9839	ZM_0151_A2_B12	ZM_0151_A2_B12_T7C	
9840	ZM_0151_A2_B12		ZM_0151_A2_B12_MR
9841	ZM_0151_A2_C01	ZM_0151_A2_C01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9842	ZM_0151_A2_C01		ZM_0151_A2_C01_MR
9843	ZM_0151_A2_C02	ZM_0151_A2_C02_T7C	
9844	ZM_0151_A2_C02		ZM_0151_A2_C02_MR
9845	ZM_0151_A2_C03	ZM_0151_A2_C03_T7C	
9846	ZM_0151_A2_C03		ZM_0151_A2_C03_MR
9847	ZM_0151_A2_C04	ZM_0151_A2_C04_T7C	
9848	ZM_0151_A2_C04		ZM_0151_A2_C04_MR
9849	ZM_0151_A2_C05	ZM_0151_A2_C05_T7C	
9850	ZM_0151_A2_C05		ZM_0151_A2_C05_MR
9851	ZM_0151_A2_C06	ZM_0151_A2_C06_T7C	
9852	ZM_0151_A2_C06		ZM_0151_A2_C06_MR
9853	ZM_0151_A2_C07	ZM_0151_A2_C07_T7C	
9854	ZM_0151_A2_C07		ZM_0151_A2_C07_MR
9855	ZM_0151_A2_C08	ZM_0151_A2_C08_T7C	
9856	ZM_0151_A2_C08		ZM_0151_A2_C08_MR
9857	ZM_0151_A2_C09	ZM_0151_A2_C09_T7C	
9858	ZM_0151_A2_C09		ZM_0151_A2_C09_MR
9859	ZM_0151_A2_C10	ZM_0151_A2_C10_T7C	
9860	ZM_0151_A2_C10		ZM_0151_A2_C10_MR
9861	ZM_0151_A2_C11	ZM_0151_A2_C11_T7C	
9862	ZM_0151_A2_C11		ZM_0151_A2_C11_MR
9863	ZM_0151_A2_C12	ZM_0151_A2_C12_T7C	
9864	ZM_0151_A2_C12		ZM_0151_A2_C12_MR
9865	ZM_0151_A2_D02	ZM_0151_A2_D02_T7C	
9866	ZM_0151_A2_D02		ZM_0151_A2_D02_MR
9867	ZM_0151_A2_D03	ZM_0151_A2_D03_T7C	
9868	ZM_0151_A2_D03		ZM_0151_A2_D03_MR
9869	ZM_0151_A2_D04	ZM_0151_A2_D04_T7C	
9870	ZM_0151_A2_D04		ZM_0151_A2_D04_MR
9871	ZM_0151_A2_D05	ZM_0151_A2_D05_T7C	
9872	ZM_0151_A2_D05		ZM_0151_A2_D05_MR
9873	ZM_0151_A2_D06	ZM_0151_A2_D06_T7C	
9874	ZM_0151_A2_D06		ZM_0151_A2_D06_MR
9875	ZM_0151_A2_D07	ZM_0151_A2_D07_T7C	
9876	ZM_0151_A2_D07		ZM_0151_A2_D07_MR
9877	ZM_0151_A2_D08	ZM_0151_A2_D08_T7C	
9878	ZM_0151_A2_D08		ZM_0151_A2_D08_MR
9879	ZM_0151_A2_D09	ZM_0151_A2_D09_T7C	
9880	ZM_0151_A2_D09		ZM_0151_A2_D09_MR
9881	ZM_0151_A2_D10	ZM_0151_A2_D10_T7C	
9882	ZM_0151_A2_D10		ZM_0151_A2_D10_MR
9883	ZM_0151_A2_D11	ZM_0151_A2_D11_T7C	
9884	ZM_0151_A2_D11		ZM_0151_A2_D11_MR
9885	ZM_0151_A2_D12	ZM_0151_A2_D12_T7C	
9886	ZM_0151_A2_D12		ZM_0151_A2_D12_MR
9887	ZM_0151_A2_E01	ZM_0151_A2_E01_T7C	
9888	ZM_0151_A2_E01		ZM_0151_A2_E01_MR
9889	ZM_0151_A2_E02	ZM_0151_A2_E02_T7C	
9890	ZM_0151_A2_E02		ZM_0151_A2_E02_MR
9891	ZM_0151_A2_E03	ZM_0151_A2_E03_T7C	ZM_0151_A2_E03
	ZM_0151_A2_E03_MR		
9893	ZM_0151_A2_E04	ZM_0151_A2_E04_T7C	
9894	ZM_0151_A2_E04		ZM_0151_A2_E04_MR
9895	ZM_0151_A2_E05	ZM_0151_A2_E05_T7C	
9896	ZM_0151_A2_E05		ZM_0151_A2_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9897	ZM_0151_A2_E06	ZM_0151_A2_E06_T7C	
9898	ZM_0151_A2_E06		ZM_0151_A2_E06_MR
9899	ZM_0151_A2_E07	ZM_0151_A2_E07_T7C	
9900	ZM_0151_A2_E07		ZM_0151_A2_E07_MR
9901	ZM_0151_A2_E08	ZM_0151_A2_E08_T7C	
9902	ZM_0151_A2_E08		ZM_0151_A2_E08_MR
9903	ZM_0151_A2_E09	ZM_0151_A2_E09_T7C	
9904	ZM_0151_A2_E09		ZM_0151_A2_E09_MR
9905	ZM_0151_A2_E10	ZM_0151_A2_E10_T7C	
9906	ZM_0151_A2_E10		ZM_0151_A2_E10_MR
9907	ZM_0151_A2_E11	ZM_0151_A2_E11_T7C	
9908	ZM_0151_A2_E11		ZM_0151_A2_E11_MR
9909	ZM_0151_A2_E12	ZM_0151_A2_E12_T7C	
9910	ZM_0151_A2_E12		ZM_0151_A2_E12_MR
9911	ZM_0151_A2_F01	ZM_0151_A2_F01_T7C	
9912	ZM_0151_A2_F01		ZM_0151_A2_F01_MR
9913	ZM_0151_A2_F02	ZM_0151_A2_F02_T7C	
9914	ZM_0151_A2_F02		ZM_0151_A2_F02_MR
9915	ZM_0151_A2_F03	ZM_0151_A2_F03_T7C	
9916	ZM_0151_A2_F03		ZM_0151_A2_F03_MR
9917	ZM_0151_A2_F04	ZM_0151_A2_F04_T7C	
9918	ZM_0151_A2_F04		ZM_0151_A2_F04_MR
9919	ZM_0151_A2_F05	ZM_0151_A2_F05_T7C	
9920	ZM_0151_A2_F05		ZM_0151_A2_F05_MR
9921	ZM_0151_A2_F06	ZM_0151_A2_F06_T7C	
9922	ZM_0151_A2_F06		ZM_0151_A2_F06_MR
9923	ZM_0151_A2_F07	ZM_0151_A2_F07_T7C	
9924	ZM_0151_A2_F07		ZM_0151_A2_F07_MR
9925	ZM_0151_A2_F08	ZM_0151_A2_F08_T7C	
9926	ZM_0151_A2_F08		ZM_0151_A2_F08_MR
9927	ZM_0151_A2_F09	ZM_0151_A2_F09_T7C	
9928	ZM_0151_A2_F09		ZM_0151_A2_F09_MR
9929	ZM_0151_A2_F10	ZM_0151_A2_F10_T7C	
9930	ZM_0151_A2_F10		ZM_0151_A2_F10_MR
9931	ZM_0151_A2_F11	ZM_0151_A2_F11_T7C	
9932	ZM_0151_A2_F11		ZM_0151_A2_F11_MR
9933	ZM_0151_A2_F12	ZM_0151_A2_F12_T7C	
9934	ZM_0151_A2_F12		ZM_0151_A2_F12_MR
9935	ZM_0151_A2_G01	ZM_0151_A2_G01_T7C	
9936	ZM_0151_A2_G01		ZM_0151_A2_G01_MR
9937	ZM_0151_A2_G02	ZM_0151_A2_G02_T7C	
9938	ZM_0151_A2_G02		ZM_0151_A2_G02_MR
9939	ZM_0151_A2_G03	ZM_0151_A2_G03_T7C	
9940	ZM_0151_A2_G03		ZM_0151_A2_G03_MR
9941	ZM_0151_A2_G04	ZM_0151_A2_G04_T7C	
9942	ZM_0151_A2_G04		ZM_0151_A2_G04_MR
9943	ZM_0151_A2_G05	ZM_0151_A2_G05_T7C	
9944	ZM_0151_A2_G05		ZM_0151_A2_G05_MR
9945	ZM_0151_A2_G06	ZM_0151_A2_G06_T7C	
9946	ZM_0151_A2_G06		ZM_0151_A2_G06_MR
9947	ZM_0151_A2_G07	ZM_0151_A2_G07_T7C	
9948	ZM_0151_A2_G07		ZM_0151_A2_G07_MR
9949	ZM_0151_A2_G08	ZM_0151_A2_G08_T7C	
9950	ZM_0151_A2_G08		ZM_0151_A2_G08_MR
9951	ZM_0151_A2_G09	ZM_0151_A2_G09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
9952	ZM_0151_A2_G09		ZM_0151_A2_G09_MR
9953	ZM_0151_A2_G10	ZM_0151_A2_G10_T7C	
9954	ZM_0151_A2_G10		ZM_0151_A2_G10_MR
9955	ZM_0151_A2_G12	ZM_0151_A2_G12_T7C	
9956	ZM_0151_A2_G12		ZM_0151_A2_G12_MR
9957	ZM_0151_A2_H01	ZM_0151_A2_H01_T7C	
9958	ZM_0151_A2_H01		ZM_0151_A2_H01_MR
9959	ZM_0151_A2_H02	ZM_0151_A2_H02_T7C	
9960	ZM_0151_A2_H02		ZM_0151_A2_H02_MR
9961	ZM_0151_A2_H03	ZM_0151_A2_H03_T7C	
9962	ZM_0151_A2_H03		ZM_0151_A2_H03_MR
9963	ZM_0151_A2_H04	ZM_0151_A2_H04_T7C	
9964	ZM_0151_A2_H04		ZM_0151_A2_H04_MR
9965	ZM_0151_A2_H05	ZM_0151_A2_H05_T7C	
9966	ZM_0151_A2_H05		ZM_0151_A2_H05_MR
9967	ZM_0151_A2_H06	ZM_0151_A2_H06_T7C	
9968	ZM_0151_A2_H06		ZM_0151_A2_H06_MR
9969	ZM_0151_A2_H07	ZM_0151_A2_H07_T7C	
9970	ZM_0151_A2_H07		ZM_0151_A2_H07_MR
9971	ZM_0151_A2_H08	ZM_0151_A2_H08_T7C	
9972	ZM_0151_A2_H08		ZM_0151_A2_H08_MR
9973	ZM_0151_A2_H09	ZM_0151_A2_H09_T7C	
9974	ZM_0151_A2_H09		ZM_0151_A2_H09_MR
9975	ZM_0151_A2_H10	ZM_0151_A2_H10_T7C	
9976	ZM_0151_A2_H10		ZM_0151_A2_H10_MR
9977	ZM_0151_A2_H11	ZM_0151_A2_H11_T7C	
9978	ZM_0151_A2_H11		ZM_0151_A2_H11_MR
9979	ZM_0151_A2_H12	ZM_0151_A2_H12_T7C	
9980	ZM_0151_A2_H12		ZM_0151_A2_H12_MR
9981	ZM_0152_A1_A01	ZM_0152_A1_A01_T7C	
9982	ZM_0152_A1_A01		ZM_0152_A1_A01_MR
9983	ZM_0152_A1_A02	ZM_0152_A1_A02_T7C	
9984	ZM_0152_A1_A02		ZM_0152_A1_A02_MR
9985	ZM_0152_A1_A03	ZM_0152_A1_A03_T7C	
9986	ZM_0152_A1_A03		ZM_0152_A1_A03_MR
9987	ZM_0152_A1_A04	ZM_0152_A1_A04_T7C	
9988	ZM_0152_A1_A04		ZM_0152_A1_A04_MR
9989	ZM_0152_A1_A05	ZM_0152_A1_A05_T7C	
9990	ZM_0152_A1_A05		ZM_0152_A1_A05_MR
9991	ZM_0152_A1_A06	ZM_0152_A1_A06_T7C	
9992	ZM_0152_A1_A06		ZM_0152_A1_A06_MR
9993	ZM_0152_A1_A07	ZM_0152_A1_A07_T7C	
9994	ZM_0152_A1_A07		ZM_0152_A1_A07_MR
9995	ZM_0152_A1_A08	ZM_0152_A1_A08_T7C	
9996	ZM_0152_A1_A08		ZM_0152_A1_A08_MR
9997	ZM_0152_A1_A09	ZM_0152_A1_A09_T7C	
9998	ZM_0152_A1_A09		ZM_0152_A1_A09_MR
9999	ZM_0152_A1_A10	ZM_0152_A1_A10_T7C	
10000	ZM_0152_A1_A10		ZM_0152_A1_A10_MR
10001	ZM_0152_A1_A11	ZM_0152_A1_A11_T7C	
10002	ZM_0152_A1_A11		ZM_0152_A1_A11_MR
10003	ZM_0152_A1_A12	ZM_0152_A1_A12_T7C	
10004	ZM_0152_A1_A12		ZM_0152_A1_A12_MR
10005	ZM_0152_A1_B01	ZM_0152_A1_B01_T7C	
10006	ZM_0152_A1_B01		ZM_0152_A1_B01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10007	ZM_0152_A1_B02	ZM_0152_A1_B02_T7C	ZM_0152_A1_B02_MR
10008	ZM_0152_A1_B02		
10009	ZM_0152_A1_B03	ZM_0152_A1_B03_T7C	ZM_0152_A1_B03_MR
10010	ZM_0152_A1_B03		
10011	ZM_0152_A1_B04	ZM_0152_A1_B04_T7C	ZM_0152_A1_B04_MR
10012	ZM_0152_A1_B04		
10013	ZM_0152_A1_B05	ZM_0152_A1_B05_T7C	
10014	ZM_0152_A1_B06	ZM_0152_A1_B06_T7C	
10015	ZM_0152_A1_B06		ZM_0152_A1_B06_MR
10016	ZM_0152_A1_B07	ZM_0152_A1_B07_T7C	
10017	ZM_0152_A1_B07		ZM_0152_A1_B07_MR
10018	ZM_0152_A1_B08	ZM_0152_A1_B08_T7C	
10019	ZM_0152_A1_B08		ZM_0152_A1_B08_MR
10020	ZM_0152_A1_B10	ZM_0152_A1_B10_T7C	
10021	ZM_0152_A1_B10		ZM_0152_A1_B10_MR
10022	ZM_0152_A1_B11	ZM_0152_A1_B11_T7C	
10023	ZM_0152_A1_B12	ZM_0152_A1_B12_T7C	
10024	ZM_0152_A1_B12		ZM_0152_A1_B12_MR
10025	ZM_0152_A1_C01	ZM_0152_A1_C01_T7C	
10026	ZM_0152_A1_C01		ZM_0152_A1_C01_MR
10027	ZM_0152_A1_C02	ZM_0152_A1_C02_T7C	
10028	ZM_0152_A1_C03	ZM_0152_A1_C03_T7C	
10029	ZM_0152_A1_C03		ZM_0152_A1_C03_MR
10030	ZM_0152_A1_C04	ZM_0152_A1_C04_T7C	
10031	ZM_0152_A1_C04		ZM_0152_A1_C04_MR
10032	ZM_0152_A1_C05	ZM_0152_A1_C05_T7C	
10033	ZM_0152_A1_C05		ZM_0152_A1_C05_MR
10034	ZM_0152_A1_C06	ZM_0152_A1_C06_T7C	
10035	ZM_0152_A1_C07	ZM_0152_A1_C07_T7C	
10036	ZM_0152_A1_C07		ZM_0152_A1_C07_MR
10037	ZM_0152_A1_C08	ZM_0152_A1_C08_T7C	
10038	ZM_0152_A1_C08		ZM_0152_A1_C08_MR
10039	ZM_0152_A1_C09	ZM_0152_A1_C09_T7C	
10040	ZM_0152_A1_C09		ZM_0152_A1_C09_MR
10041	ZM_0152_A1_C10	ZM_0152_A1_C10_T7C	
10042	ZM_0152_A1_C11	ZM_0152_A1_C11_T7C	
10043	ZM_0152_A1_C11		ZM_0152_A1_C11_MR
10044	ZM_0152_A1_C12	ZM_0152_A1_C12_T7C	
10045	ZM_0152_A1_C12		ZM_0152_A1_C12_MR
10046	ZM_0152_A1_D01	ZM_0152_A1_D01_T7C	
10047	ZM_0152_A1_D01		ZM_0152_A1_D01_MR
10048	ZM_0152_A1_D02	ZM_0152_A1_D02_T7C	
10049	ZM_0152_A1_D02		ZM_0152_A1_D02_MR
10050	ZM_0152_A1_D03	ZM_0152_A1_D03_T7C	
10051	ZM_0152_A1_D03		ZM_0152_A1_D03_MR
10052	ZM_0152_A1_D04	ZM_0152_A1_D04_T7C	
10053	ZM_0152_A1_D04		ZM_0152_A1_D04_MR
10054	ZM_0152_A1_D05	ZM_0152_A1_D05_T7C	
10055	ZM_0152_A1_D05		ZM_0152_A1_D05_MR
10056	ZM_0152_A1_D06	ZM_0152_A1_D06_T7C	
10057	ZM_0152_A1_D06		ZM_0152_A1_D06_MR
10058	ZM_0152_A1_D07	ZM_0152_A1_D07_T7C	
10059	ZM_0152_A1_D07		ZM_0152_A1_D07_MR
10060	ZM_0152_A1_D08	ZM_0152_A1_D08_T7C	
10061	ZM_0152_A1_D08		ZM_0152_A1_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10062	ZM_0152_A1_D09	ZM_0152_A1_D09_T7C	
10063	ZM_0152_A1_D09		ZM_0152_A1_D09_MR
10064	ZM_0152_A1_D10	ZM_0152_A1_D10_T7C	
10065	ZM_0152_A1_D10		ZM_0152_A1_D10_MR
10066	ZM_0152_A1_D11	ZM_0152_A1_D11_T7C	
10067	ZM_0152_A1_D11		ZM_0152_A1_D11_MR
10068	ZM_0152_A1_D12	ZM_0152_A1_D12_T7C	
10069	ZM_0152_A1_D12		ZM_0152_A1_D12_MR
10070	ZM_0152_A1_E01	ZM_0152_A1_E01_T7C	
10071	ZM_0152_A1_E02	ZM_0152_A1_E02_T7C	
10072	ZM_0152_A1_E02		ZM_0152_A1_E02_MR
10073	ZM_0152_A1_E03	ZM_0152_A1_E03_T7C	
10074	ZM_0152_A1_E03		ZM_0152_A1_E03_MR
10075	ZM_0152_A1_E04	ZM_0152_A1_E04_T7C	
10076	ZM_0152_A1_E04		ZM_0152_A1_E04_MR
10077	ZM_0152_A1_E05	ZM_0152_A1_E05_T7C	
10078	ZM_0152_A1_E06	ZM_0152_A1_E06_T7C	
10079	ZM_0152_A1_E06		ZM_0152_A1_E06_MR
10080	ZM_0152_A1_E07	ZM_0152_A1_E07_T7C	
10081	ZM_0152_A1_E07		ZM_0152_A1_E07_MR
10082	ZM_0152_A1_E08	ZM_0152_A1_E08_T7C	
10083	ZM_0152_A1_E08		ZM_0152_A1_E08_MR
10084	ZM_0152_A1_E10	ZM_0152_A1_E10_T7C	
10085	ZM_0152_A1_E10		ZM_0152_A1_E10_MR
10086	ZM_0152_A1_F01	ZM_0152_A1_F01_T7C	
10087	ZM_0152_A1_F01		ZM_0152_A1_F01_MR
10088	ZM_0152_A1_F02	ZM_0152_A1_F02_T7C	
10089	ZM_0152_A1_F03	ZM_0152_A1_F03_T7C	
10090	ZM_0152_A1_F03		ZM_0152_A1_F03_MR
10091	ZM_0152_A1_F04	ZM_0152_A1_F04_T7C	
10092	ZM_0152_A1_F04		ZM_0152_A1_F04_MR
10093	ZM_0152_A1_F05	ZM_0152_A1_F05_T7C	
10094	ZM_0152_A1_F05		ZM_0152_A1_F05_MR
10095	ZM_0152_A1_F06	ZM_0152_A1_F06_T7C	
10096	ZM_0152_A1_F06		ZM_0152_A1_F06_MR
10097	ZM_0152_A1_F07	ZM_0152_A1_F07_T7C	
10098	ZM_0152_A1_F07		ZM_0152_A1_F07_MR
10099	ZM_0152_A1_F08	ZM_0152_A1_F08_T7C	
10100	ZM_0152_A1_F09	ZM_0152_A1_F09_T7C	
10101	ZM_0152_A1_F09		ZM_0152_A1_F09_MR
10102	ZM_0152_A1_F10	ZM_0152_A1_F10_T7C	
10103	ZM_0152_A1_F10		ZM_0152_A1_F10_MR
10104	ZM_0152_A1_F11	ZM_0152_A1_F11_T7C	
10105	ZM_0152_A1_F11		ZM_0152_A1_F11_MR
10106	ZM_0152_A1_F12	ZM_0152_A1_F12_T7C	
10107	ZM_0152_A1_F12		ZM_0152_A1_F12_MR
10108	ZM_0152_A1_G01	ZM_0152_A1_G01_T7C	
10109	ZM_0152_A1_G02	ZM_0152_A1_G02_T7C	
10110	ZM_0152_A1_G02		ZM_0152_A1_G02_MR
10111	ZM_0152_A1_G03	ZM_0152_A1_G03_T7C	
10112	ZM_0152_A1_G03		ZM_0152_A1_G03_MR
10113	ZM_0152_A1_G04	ZM_0152_A1_G04_T7C	
10114	ZM_0152_A1_G04		ZM_0152_A1_G04_MR
10115	ZM_0152_A1_G05	ZM_0152_A1_G05_T7C	
10116	ZM_0152_A1_G06	ZM_0152_A1_G06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10117	ZM_0152_A1_G06		ZM_0152_A1_G06_MR
10118	ZM_0152_A1_G07	ZM_0152_A1_G07_T7C	
10119	ZM_0152_A1_G07		ZM_0152_A1_G07_MR
10120	ZM_0152_A1_G08	ZM_0152_A1_G08_T7C	
10121	ZM_0152_A1_G08		ZM_0152_A1_G08_MR
10122	ZM_0152_A1_G09	ZM_0152_A1_G09_T7C	
10123	ZM_0152_A1_G10	ZM_0152_A1_G10_T7C	
10124	ZM_0152_A1_G11	ZM_0152_A1_G11_T7C	
10125	ZM_0152_A1_G12	ZM_0152_A1_G12_T7C	
10126	ZM_0152_A1_H01	ZM_0152_A1_H01_T7C	
10127	ZM_0152_A1_H01		ZM_0152_A1_H01_MR
10128	ZM_0152_A1_H02	ZM_0152_A1_H02_T7C	
10129	ZM_0152_A1_H02		ZM_0152_A1_H02_MR
10130	ZM_0152_A1_H03	ZM_0152_A1_H03_T7C	
10131	ZM_0152_A1_H03		ZM_0152_A1_H03_MR
10132	ZM_0152_A1_H04	ZM_0152_A1_H04_T7C	
10133	ZM_0152_A1_H04		ZM_0152_A1_H04_MR
10134	ZM_0152_A1_H05	ZM_0152_A1_H05_T7C	
10135	ZM_0152_A1_H05		ZM_0152_A1_H05_MR
10136	ZM_0152_A1_H06	ZM_0152_A1_H06_T7C	
10137	ZM_0152_A1_H06		ZM_0152_A1_H06_MR
10138	ZM_0152_A1_H07	ZM_0152_A1_H07_T7C	
10139	ZM_0152_A1_H07		ZM_0152_A1_H07_MR
10140	ZM_0152_A1_H08	ZM_0152_A1_H08_T7C	
10141	ZM_0152_A1_H08		ZM_0152_A1_H08_MR
10142	ZM_0152_A1_H09	ZM_0152_A1_H09_T7C	
10143	ZM_0152_A1_H09		ZM_0152_A1_H09_MR
10144	ZM_0152_A1_H10	ZM_0152_A1_H10_T7C	
10145	ZM_0152_A1_H11	ZM_0152_A1_H11_T7C	
10146	ZM_0152_A1_H12	ZM_0152_A1_H12_T7C	
10147	ZM_0152_A1_H12		ZM_0152_A1_H12_MR
10148	ZM_0152_A2_A01	ZM_0152_A2_A01_T7C	
10149	ZM_0152_A2_A02	ZM_0152_A2_A02_T7C	
10150	ZM_0152_A2_A03	ZM_0152_A2_A03_T7C	
10151	ZM_0152_A2_A04	ZM_0152_A2_A04_T7C	
10152	ZM_0152_A2_A05	ZM_0152_A2_A05_T7C	
10153	ZM_0152_A2_A07	ZM_0152_A2_A07_T7C	
10154	ZM_0152_A2_A09	ZM_0152_A2_A09_T7C	
10155	ZM_0152_A2_A10	ZM_0152_A2_A10_T7C	
10156	ZM_0152_A2_A11	ZM_0152_A2_A11_T7C	
10157	ZM_0152_A2_A12	ZM_0152_A2_A12_T7C	
10158	ZM_0152_A2_B01	ZM_0152_A2_B01_T7C	
10159	ZM_0152_A2_B02	ZM_0152_A2_B02_T7C	
10160	ZM_0152_A2_B03	ZM_0152_A2_B03_T7C	
10161	ZM_0152_A2_B04	ZM_0152_A2_B04_T7C	
10162	ZM_0152_A2_B05	ZM_0152_A2_B05_T7C	
10163	ZM_0152_A2_B07	ZM_0152_A2_B07_T7C	
10164	ZM_0152_A2_B08	ZM_0152_A2_B08_T7C	
10165	ZM_0152_A2_B10	ZM_0152_A2_B10_T7C	
10166	ZM_0152_A2_B11	ZM_0152_A2_B11_T7C	
10167	ZM_0152_A2_B12	ZM_0152_A2_B12_T7C	
10168	ZM_0152_A2_C01	ZM_0152_A2_C01_T7C	
10169	ZM_0152_A2_C02	ZM_0152_A2_C02_T7C	
10170	ZM_0152_A2_C03	ZM_0152_A2_C03_T7C	
10171	ZM_0152_A2_C05	ZM_0152_A2_C05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10172	ZM_0152_A2_C07	ZM_0152_A2_C07_T7C	
10173	ZM_0152_A2_C08	ZM_0152_A2_C08_T7C	
10174	ZM_0152_A2_C09	ZM_0152_A2_C09_T7C	
10175	ZM_0152_A2_C10	ZM_0152_A2_C10_T7C	
10176	ZM_0152_A2_C11	ZM_0152_A2_C11_T7C	
10177	ZM_0152_A2_C12	ZM_0152_A2_C12_T7C	
10178	ZM_0152_A2_D01	ZM_0152_A2_D01_T7C	
10179	ZM_0152_A2_D02	ZM_0152_A2_D02_T7C	
10180	ZM_0152_A2_D03	ZM_0152_A2_D03_T7C	
10181	ZM_0152_A2_D04	ZM_0152_A2_D04_T7C	
10182	ZM_0152_A2_D05	ZM_0152_A2_D05_T7C	
10183	ZM_0152_A2_D06	ZM_0152_A2_D06_T7C	
10184	ZM_0152_A2_D07	ZM_0152_A2_D07_T7C	
10185	ZM_0152_A2_D08	ZM_0152_A2_D08_T7C	
10186	ZM_0152_A2_D09	ZM_0152_A2_D09_T7C	
10187	ZM_0152_A2_D10	ZM_0152_A2_D10_T7C	
10188	ZM_0152_A2_D11	ZM_0152_A2_D11_T7C	
10189	ZM_0152_A2_D12	ZM_0152_A2_D12_T7C	ZM_0152_A2_E01
	ZM_0152_A2_E01_T7C		
10191	ZM_0152_A2_E02	ZM_0152_A2_E02_T7C	
10192	ZM_0152_A2_E04	ZM_0152_A2_E04_T7C	
10193	ZM_0152_A2_E07	ZM_0152_A2_E07_T7C	
10194	ZM_0152_A2_E08	ZM_0152_A2_E08_T7C	
10195	ZM_0152_A2_E10	ZM_0152_A2_E10_T7C	
10196	ZM_0152_A2_E11	ZM_0152_A2_E11_T7C	
10197	ZM_0152_A2_E12	ZM_0152_A2_E12_T7C	
10198	ZM_0152_A2_F01	ZM_0152_A2_F01_T7C	
10199	ZM_0152_A2_F02	ZM_0152_A2_F02_T7C	
10200	ZM_0152_A2_F03	ZM_0152_A2_F03_T7C	
10201	ZM_0152_A2_F04	ZM_0152_A2_F04_T7C	
10202	ZM_0152_A2_F05	ZM_0152_A2_F05_T7C	
10203	ZM_0152_A2_F06	ZM_0152_A2_F06_T7C	
10204	ZM_0152_A2_F07	ZM_0152_A2_F07_T7C	
10205	ZM_0152_A2_F08	ZM_0152_A2_F08_T7C	
10206	ZM_0152_A2_F10	ZM_0152_A2_F10_T7C	
10207	ZM_0152_A2_F12	ZM_0152_A2_F12_T7C	
10208	ZM_0152_A2_G01	ZM_0152_A2_G01_T7C	
10209	ZM_0152_A2_G02	ZM_0152_A2_G02_T7C	
10210	ZM_0152_A2_G03	ZM_0152_A2_G03_T7C	
10211	ZM_0152_A2_G04	ZM_0152_A2_G04_T7C	
10212	ZM_0152_A2_G05	ZM_0152_A2_G05_T7C	
10213	ZM_0152_A2_G07	ZM_0152_A2_G07_T7C	
10214	ZM_0152_A2_G08	ZM_0152_A2_G08_T7C	
10215	ZM_0152_A2_G11	ZM_0152_A2_G11_T7C	
10216	ZM_0152_A2_G12	ZM_0152_A2_G12_T7C	
10217	ZM_0152_A2_H01	ZM_0152_A2_H01_T7C	
10218	ZM_0152_A2_H02	ZM_0152_A2_H02_T7C	
10219	ZM_0152_A2_H03	ZM_0152_A2_H03_T7C	
10220	ZM_0152_A2_H05	ZM_0152_A2_H05_T7C	
10221	ZM_0152_A2_H06	ZM_0152_A2_H06_T7C	
10222	ZM_0152_A2_H08	ZM_0152_A2_H08_T7C	
10223	ZM_0152_A2_H09	ZM_0152_A2_H09_T7C	
10224	ZM_0152_A2_H10	ZM_0152_A2_H10_T7C	
10225	ZM_0152_A2_H11	ZM_0152_A2_H11_T7C	
10226	ZM_0152_A2_H12	ZM_0152_A2_H12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10227	ZM_0152_B1_A01	ZM_0152_B1_A01_T7C	
10228	ZM_0152_B1_A02	ZM_0152_B1_A02_T7C	
10229	ZM_0152_B1_A03	ZM_0152_B1_A03_T7C	
10230	ZM_0152_B1_A04	ZM_0152_B1_A04_T7C	
10231	ZM_0152_B1_A05	ZM_0152_B1_A05_T7C	
10232	ZM_0152_B1_A06	ZM_0152_B1_A06_T7C	
10233	ZM_0152_B1_A07	ZM_0152_B1_A07_T7C	
10234	ZM_0152_B1_A08	ZM_0152_B1_A08_T7C	
10235	ZM_0152_B1_A09	ZM_0152_B1_A09_T7C	
10236	ZM_0152_B1_A10	ZM_0152_B1_A10_T7C	
10237	ZM_0152_B1_A12	ZM_0152_B1_A12_T7C	
10238	ZM_0152_B1_B02	ZM_0152_B1_B02_T7C	
10239	ZM_0152_B1_B03	ZM_0152_B1_B03_T7C	
10240	ZM_0152_B1_B04	ZM_0152_B1_B04_T7C	
10241	ZM_0152_B1_B05	ZM_0152_B1_B05_T7C	
10242	ZM_0152_B1_B06	ZM_0152_B1_B06_T7C	
10243	ZM_0152_B1_B07	ZM_0152_B1_B07_T7C	
10244	ZM_0152_B1_B08	ZM_0152_B1_B08_T7C	
10245	ZM_0152_B1_B09	ZM_0152_B1_B09_T7C	
10246	ZM_0152_B1_B10	ZM_0152_B1_B10_T7C	
10247	ZM_0152_B1_B11	ZM_0152_B1_B11_T7C	
10248	ZM_0152_B1_B12	ZM_0152_B1_B12_T7C	
10249	ZM_0152_B1_C01	ZM_0152_B1_C01_T7C	
10250	ZM_0152_B1_C02	ZM_0152_B1_C02_T7C	
10251	ZM_0152_B1_C03	ZM_0152_B1_C03_T7C	
10252	ZM_0152_B1_C04	ZM_0152_B1_C04_T7C	
10253	ZM_0152_B1_C06	ZM_0152_B1_C06_T7C	
10254	ZM_0152_B1_C07	ZM_0152_B1_C07_T7C	
10255	ZM_0152_B1_C08	ZM_0152_B1_C08_T7C	
10256	ZM_0152_B1_C09	ZM_0152_B1_C09_T7C	
10257	ZM_0152_B1_C10	ZM_0152_B1_C10_T7C	
10258	ZM_0152_B1_C11	ZM_0152_B1_C11_T7C	
10259	ZM_0152_B1_C12	ZM_0152_B1_C12_T7C	
10260	ZM_0152_B1_D01	ZM_0152_B1_D01_T7C	
10261	ZM_0152_B1_D02	ZM_0152_B1_D02_T7C	
10262	ZM_0152_B1_D03	ZM_0152_B1_D03_T7C	
10263	ZM_0152_B1_D04	ZM_0152_B1_D04_T7C	
10264	ZM_0152_B1_D06	ZM_0152_B1_D06_T7C	
10265	ZM_0152_B1_D07	ZM_0152_B1_D07_T7C	
10266	ZM_0152_B1_D08	ZM_0152_B1_D08_T7C	
10267	ZM_0152_B1_D10	ZM_0152_B1_D10_T7C	
10268	ZM_0152_B1_D11	ZM_0152_B1_D11_T7C	
10269	ZM_0152_B1_D12	ZM_0152_B1_D12_T7C	
10270	ZM_0152_B1_E01	ZM_0152_B1_E01_T7C	
10271	ZM_0152_B1_E02	ZM_0152_B1_E02_T7C	
10272	ZM_0152_B1_E03	ZM_0152_B1_E03_T7C	
10273	ZM_0152_B1_E04	ZM_0152_B1_E04_T7C	
10274	ZM_0152_B1_E05	ZM_0152_B1_E05_T7C	
10275	ZM_0152_B1_E06	ZM_0152_B1_E06_T7C	
10276	ZM_0152_B1_E07	ZM_0152_B1_E07_T7C	
10277	ZM_0152_B1_E08	ZM_0152_B1_E08_T7C	
10278	ZM_0152_B1_E09	ZM_0152_B1_E09_T7C	
10279	ZM_0152_B1_E10	ZM_0152_B1_E10_T7C	
10280	ZM_0152_B1_E11	ZM_0152_B1_E11_T7C	
10281	ZM_0152_B1_E12	ZM_0152_B1_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10282	ZM_0152_B1_F01	ZM_0152_B1_F01_T7C	
10283	ZM_0152_B1_F02	ZM_0152_B1_F02_T7C	
10284	ZM_0152_B1_F03	ZM_0152_B1_F03_T7C	
10285	ZM_0152_B1_F04	ZM_0152_B1_F04_T7C	
10286	ZM_0152_B1_F05	ZM_0152_B1_F05_T7C	
10287	ZM_0152_B1_F06	ZM_0152_B1_F06_T7C	
10288	ZM_0152_B1_F07	ZM_0152_B1_F07_T7C	
10289	ZM_0152_B1_F08	ZM_0152_B1_F08_T7C	
10290	ZM_0152_B1_F09	ZM_0152_B1_F09_T7C	
10291	ZM_0152_B1_F10	ZM_0152_B1_F10_T7C	
10292	ZM_0152_B1_F11	ZM_0152_B1_F11_T7C	
10293	ZM_0152_B1_F12	ZM_0152_B1_F12_T7C	
10294	ZM_0152_B1_G01	ZM_0152_B1_G01_T7C	
10295	ZM_0152_B1_G02	ZM_0152_B1_G02_T7C	
10296	ZM_0152_B1_G03	ZM_0152_B1_G03_T7C	
10297	ZM_0152_B1_G04	ZM_0152_B1_G04_T7C	
10298	ZM_0152_B1_G06	ZM_0152_B1_G06_T7C	
10299	ZM_0152_B1_G07	ZM_0152_B1_G07_T7C	
10300	ZM_0152_B1_G08	ZM_0152_B1_G08_T7C	
10301	ZM_0152_B1_G09	ZM_0152_B1_G09_T7C	
10302	ZM_0152_B1_G10	ZM_0152_B1_G10_T7C	
10303	ZM_0152_B1_G11	ZM_0152_B1_G11_T7C	
10304	ZM_0152_B1_G12	ZM_0152_B1_G12_T7C	
10305	ZM_0152_B1_H01	ZM_0152_B1_H01_T7C	
10306	ZM_0152_B1_H03	ZM_0152_B1_H03_T7C	
10307	ZM_0152_B1_H05	ZM_0152_B1_H05_T7C	
10308	ZM_0152_B1_H06	ZM_0152_B1_H06_T7C	
10309	ZM_0152_B1_H11	ZM_0152_B1_H11_T7C	
10310	ZM_0152_B1_H12	ZM_0152_B1_H12_T7C	
10311	ZM_0153_A1_A01	ZM_0153_A1_A01_T7C	
10312	ZM_0153_A1_A01		ZM_0153_A1_A01_MR
10313	ZM_0153_A1_A02	ZM_0153_A1_A02_T7C	
10314	ZM_0153_A1_A03	ZM_0153_A1_A03_T7C	
10315	ZM_0153_A1_A03		ZM_0153_A1_A03_MR
10316	ZM_0153_A1_A04	ZM_0153_A1_A04_T7C	
10317	ZM_0153_A1_A04		ZM_0153_A1_A04_MR
10318	ZM_0153_A1_A05	ZM_0153_A1_A05_T7C	
10319	ZM_0153_A1_A05		ZM_0153_A1_A05_MR
10320	ZM_0153_A1_A06	ZM_0153_A1_A06_T7C	
10321	ZM_0153_A1_A06		ZM_0153_A1_A06_MR
10322	ZM_0153_A1_A09	ZM_0153_A1_A09_T7C	
10323	ZM_0153_A1_A09		ZM_0153_A1_A09_MR
10324	ZM_0153_A1_A10	ZM_0153_A1_A10_T7C	
10325	ZM_0153_A1_A10		ZM_0153_A1_A10_MR
10326	ZM_0153_A1_A11	ZM_0153_A1_A11_T7C	
10327	ZM_0153_A1_B01	ZM_0153_A1_B01_T7C	
10328	ZM_0153_A1_B01		ZM_0153_A1_B01_MR
10329	ZM_0153_A1_B02	ZM_0153_A1_B02_T7C	
10330	ZM_0153_A1_B02		ZM_0153_A1_B02_MR
10331	ZM_0153_A1_B03	ZM_0153_A1_B03_T7C	
10332	ZM_0153_A1_B03		ZM_0153_A1_B03_MR
10333	ZM_0153_A1_B04	ZM_0153_A1_B04_T7C	
10334	ZM_0153_A1_B04		ZM_0153_A1_B04_MR
10335	ZM_0153_A1_B05	ZM_0153_A1_B05_T7C	
10336	ZM_0153_A1_B05		ZM_0153_A1_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10337	ZM_0153_A1_B06	ZM_0153_A1_B06_T7C	
10338	ZM_0153_A1_B06		ZM_0153_A1_B06_MR
10339	ZM_0153_A1_B07	ZM_0153_A1_B07_T7C	
10340	ZM_0153_A1_B07		ZM_0153_A1_B07_MR
10341	ZM_0153_A1_B08	ZM_0153_A1_B08_T7C	
10342	ZM_0153_A1_B08		ZM_0153_A1_B08_MR
10343	ZM_0153_A1_B09	ZM_0153_A1_B09_T7C	
10344	ZM_0153_A1_B10	ZM_0153_A1_B10_T7C	
10345	ZM_0153_A1_B10		ZM_0153_A1_B10_MR
10346	ZM_0153_A1_B11	ZM_0153_A1_B11_T7C	
10347	ZM_0153_A1_C01	ZM_0153_A1_C01_T7C	
10348	ZM_0153_A1_C01		ZM_0153_A1_C01_MR
10349	ZM_0153_A1_C02	ZM_0153_A1_C02_T7C	
10350	ZM_0153_A1_C02		ZM_0153_A1_C02_MR
10351	ZM_0153_A1_C03	ZM_0153_A1_C03_T7C	
10352	ZM_0153_A1_C03		ZM_0153_A1_C03_MR
10353	ZM_0153_A1_C05	ZM_0153_A1_C05_T7C	
10354	ZM_0153_A1_C05		ZM_0153_A1_C05_MR
10355	ZM_0153_A1_C06	ZM_0153_A1_C06_T7C	
10356	ZM_0153_A1_C06		ZM_0153_A1_C06_MR
10357	ZM_0153_A1_C08	ZM_0153_A1_C08_T7C	
10358	ZM_0153_A1_C08		ZM_0153_A1_C08_MR
10359	ZM_0153_A1_C09	ZM_0153_A1_C09_T7C	
10360	ZM_0153_A1_C09		ZM_0153_A1_C09_MR
10361	ZM_0153_A1_C11	ZM_0153_A1_C11_T7C	
10362	ZM_0153_A1_C11		ZM_0153_A1_C11_MR
10363	ZM_0153_A1_C12	ZM_0153_A1_C12_T7C	
10364	ZM_0153_A1_C12		ZM_0153_A1_C12_MR
10365	ZM_0153_A1_D01	ZM_0153_A1_D01_T7C	
10366	ZM_0153_A1_D01		ZM_0153_A1_D01_MR
10367	ZM_0153_A1_D02	ZM_0153_A1_D02_T7C	
10368	ZM_0153_A1_D02		ZM_0153_A1_D02_MR
10369	ZM_0153_A1_D03	ZM_0153_A1_D03_T7C	
10370	ZM_0153_A1_D03		ZM_0153_A1_D03_MR
10371	ZM_0153_A1_D04		ZM_0153_A1_D04_MR
10372	ZM_0153_A1_D05	ZM_0153_A1_D05_T7C	
10373	ZM_0153_A1_D05		ZM_0153_A1_D05_MR
10374	ZM_0153_A1_D06	ZM_0153_A1_D06_T7C	
10375	ZM_0153_A1_D07	ZM_0153_A1_D07_T7C	
10376	ZM_0153_A1_D08	ZM_0153_A1_D08_T7C	
10377	ZM_0153_A1_D08		ZM_0153_A1_D08_MR
10378	ZM_0153_A1_D09	ZM_0153_A1_D09_T7C	
10379	ZM_0153_A1_D09		ZM_0153_A1_D09_MR
10380	ZM_0153_A1_D10	ZM_0153_A1_D10_T7C	
10381	ZM_0153_A1_D10		ZM_0153_A1_D10_MR
10382	ZM_0153_A1_D11	ZM_0153_A1_D11_T7C	
10383	ZM_0153_A1_D11		ZM_0153_A1_D11_MR
10384	ZM_0153_A1_D12	ZM_0153_A1_D12_T7C	
10385	ZM_0153_A1_D12		ZM_0153_A1_D12_MR
10386	ZM_0153_A1_E02	ZM_0153_A1_E02_T7C	
10387	ZM_0153_A1_E02		ZM_0153_A1_E02_MR
10388	ZM_0153_A1_E03	ZM_0153_A1_E03_T7C	
10389	ZM_0153_A1_E03		ZM_0153_A1_E03_MR
10390	ZM_0153_A1_E04	ZM_0153_A1_E04_T7C	
10391	ZM_0153_A1_E04		ZM_0153_A1_E04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10392	ZM_0153_A1_E06	ZM_0153_A1_E06_T7C	
10393	ZM_0153_A1_E06		ZM_0153_A1_E06_MR
10394	ZM_0153_A1_E07	ZM_0153_A1_E07_T7C	
10395	ZM_0153_A1_E07		ZM_0153_A1_E07_MR
10396	ZM_0153_A1_E08	ZM_0153_A1_E08_T7C	
10397	ZM_0153_A1_E08		ZM_0153_A1_E08_MR
10398	ZM_0153_A1_E09	ZM_0153_A1_E09_T7C	
10399	ZM_0153_A1_E09		ZM_0153_A1_E09_MR
10400	ZM_0153_A1_E10	ZM_0153_A1_E10_T7C	
10401	ZM_0153_A1_E10		ZM_0153_A1_E10_MR
10402	ZM_0153_A1_E11	ZM_0153_A1_E11_T7C	
10403	ZM_0153_A1_E12	ZM_0153_A1_E12_T7C	
10404	ZM_0153_A1_E12		ZM_0153_A1_E12_MR
10405	ZM_0153_A1_F01	ZM_0153_A1_F01_T7C	
10406	ZM_0153_A1_F01		ZM_0153_A1_F01_MR
10407	ZM_0153_A1_F02	ZM_0153_A1_F02_T7C	
10408	ZM_0153_A1_F02		ZM_0153_A1_F02_MR
10409	ZM_0153_A1_F03	ZM_0153_A1_F03_T7C	
10410	ZM_0153_A1_F03		ZM_0153_A1_F03_MR
10411	ZM_0153_A1_F04	ZM_0153_A1_F04_T7C	
10412	ZM_0153_A1_F04		ZM_0153_A1_F04_MR
10413	ZM_0153_A1_F06	ZM_0153_A1_F06_T7C	
10414	ZM_0153_A1_F06		ZM_0153_A1_F06_MR
10415	ZM_0153_A1_F07	ZM_0153_A1_F07_T7C	
10416	ZM_0153_A1_F07		ZM_0153_A1_F07_MR
10417	ZM_0153_A1_F08	ZM_0153_A1_F08_T7C	
10418	ZM_0153_A1_F08		ZM_0153_A1_F08_MR
10419	ZM_0153_A1_F09	ZM_0153_A1_F09_T7C	
10420	ZM_0153_A1_F09		ZM_0153_A1_F09_MR
10421	ZM_0153_A1_F10	ZM_0153_A1_F10_T7C	
10422	ZM_0153_A1_F10		ZM_0153_A1_F10_MR
10423	ZM_0153_A1_F11	ZM_0153_A1_F11_T7C	
10424	ZM_0153_A1_G01		ZM_0153_A1_G01_MR
10425	ZM_0153_A1_G02	ZM_0153_A1_G02_T7C	
10426	ZM_0153_A1_G02		ZM_0153_A1_G02_MR
10427	ZM_0153_A1_G03	ZM_0153_A1_G03_T7C	
10428	ZM_0153_A1_G03		ZM_0153_A1_G03_MR
10429	ZM_0153_A1_G04	ZM_0153_A1_G04_T7C	
10430	ZM_0153_A1_G04		ZM_0153_A1_G04_MR
10431	ZM_0153_A1_G05	ZM_0153_A1_G05_T7C	
10432	ZM_0153_A1_G05		ZM_0153_A1_G05_MR
10433	ZM_0153_A1_G06	ZM_0153_A1_G06_T7C	
10434	ZM_0153_A1_G06		ZM_0153_A1_G06_MR
10435	ZM_0153_A1_G07	ZM_0153_A1_G07_T7C	
10436	ZM_0153_A1_G07		ZM_0153_A1_G07_MR
10437	ZM_0153_A1_G08	ZM_0153_A1_G08_T7C	
10438	ZM_0153_A1_G08		ZM_0153_A1_G08_MR
10439	ZM_0153_A1_G10	ZM_0153_A1_G10_T7C	
10440	ZM_0153_A1_G10		ZM_0153_A1_G10_MR
10441	ZM_0153_A1_G11	ZM_0153_A1_G11_T7C	
10442	ZM_0153_A1_G11		ZM_0153_A1_G11_MR
10443	ZM_0153_A1_G12	ZM_0153_A1_G12_T7C	
10444	ZM_0153_A1_G12		ZM_0153_A1_G12_MR
10445	ZM_0153_A1_H01	ZM_0153_A1_H01_T7C	
10446	ZM_0153_A1_H02	ZM_0153_A1_H02_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10447	ZM_0153_A1_H02		ZM_0153_A1_H02_MR
10448	ZM_0153_A1_H03	ZM_0153_A1_H03_T7C	
10449	ZM_0153_A1_H03		ZM_0153_A1_H03_MR
10450	ZM_0153_A1_H04	ZM_0153_A1_H04_T7C	
10451	ZM_0153_A1_H04		ZM_0153_A1_H04_MR
10452	ZM_0153_A1_H05	ZM_0153_A1_H05_T7C	
10453	ZM_0153_A1_H05		ZM_0153_A1_H05_MR
10454	ZM_0153_A1_H06	ZM_0153_A1_H06_T7C	
10455	ZM_0153_A1_H06		ZM_0153_A1_H06_MR
10456	ZM_0153_A1_H07	ZM_0153_A1_H07_T7C	
10457	ZM_0153_A1_H08	ZM_0153_A1_H08_T7C	
10458	ZM_0153_A1_H08		ZM_0153_A1_H08_MR
10459	ZM_0153_A1_H09	ZM_0153_A1_H09_T7C	
10460	ZM_0153_A1_H09		ZM_0153_A1_H09_MR
10461	ZM_0153_A1_H10	ZM_0153_A1_H10_T7C	
10462	ZM_0153_A1_H10		ZM_0153_A1_H10_MR
10463	ZM_0153_A1_H11	ZM_0153_A1_H11_T7C	
10464	ZM_0153_A1_H12	ZM_0153_A1_H12_T7C	
10465	ZM_0153_A2_A01	ZM_0153_A2_A01_T7C	
10466	ZM_0153_A2_A01		ZM_0153_A2_A01_MR
10467	ZM_0153_A2_A02	ZM_0153_A2_A02_T7C	
10468	ZM_0153_A2_A02		ZM_0153_A2_A02_MR
10469	ZM_0153_A2_A03	ZM_0153_A2_A03_T7C	
10470	ZM_0153_A2_A03		ZM_0153_A2_A03_MR
10471	ZM_0153_A2_A04	ZM_0153_A2_A04_T7C	
10472	ZM_0153_A2_A04		ZM_0153_A2_A04_MR
10473	ZM_0153_A2_A05	ZM_0153_A2_A05_T7C	
10474	ZM_0153_A2_A05		ZM_0153_A2_A05_MR
10475	ZM_0153_A2_A06		ZM_0153_A2_A06_MR
10476	ZM_0153_A2_A07	ZM_0153_A2_A07_T7C	
10477	ZM_0153_A2_A07		ZM_0153_A2_A07_MR
10478	ZM_0153_A2_A08	ZM_0153_A2_A08_T7C	
10479	ZM_0153_A2_A08		ZM_0153_A2_A08_MR
10480	ZM_0153_A2_A09	ZM_0153_A2_A09_T7C	
10481	ZM_0153_A2_A09		ZM_0153_A2_A09_MR
10482	ZM_0153_A2_A10	ZM_0153_A2_A10_T7C	
10483	ZM_0153_A2_A10		ZM_0153_A2_A10_MR
10484	ZM_0153_A2_A11	ZM_0153_A2_A11_T7C	
10485	ZM_0153_A2_A11		ZM_0153_A2_A11_MR
10486	ZM_0153_A2_A12	ZM_0153_A2_A12_T7C	
10487	ZM_0153_A2_A12		ZM_0153_A2_A12_MR
10488	ZM_0153_A2_B01	ZM_0153_A2_B01_T7C	
10489	ZM_0153_A2_B01		ZM_0153_A2_B01_MR
10490	ZM_0153_A2_B02	ZM_0153_A2_B02_T7C	
10491	ZM_0153_A2_B02		ZM_0153_A2_B02_MR
10492	ZM_0153_A2_B03	ZM_0153_A2_B03_T7C	
10493	ZM_0153_A2_B03		ZM_0153_A2_B03_MR
10494	ZM_0153_A2_B04	ZM_0153_A2_B04_T7C	
10495	ZM_0153_A2_B04		ZM_0153_A2_B04_MR
10496	ZM_0153_A2_B05	ZM_0153_A2_B05_T7C	
10497	ZM_0153_A2_B05		ZM_0153_A2_B05_MR
10498	ZM_0153_A2_B06	ZM_0153_A2_B06_T7C	
10499	ZM_0153_A2_B06		ZM_0153_A2_B06_MR
10500	ZM_0153_A2_B07	ZM_0153_A2_B07_T7C	
10501	ZM_0153_A2_B07		ZM_0153_A2_B07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10502	ZM_0153_A2_B08	ZM_0153_A2_B08_T7C	
10503	ZM_0153_A2_B08		ZM_0153_A2_B08_MR
10504	ZM_0153_A2_B09	ZM_0153_A2_B09_T7C	
10505	ZM_0153_A2_B09		ZM_0153_A2_B09_MR
10506	ZM_0153_A2_B10	ZM_0153_A2_B10_T7C	
10507	ZM_0153_A2_B10		ZM_0153_A2_B10_MR
10508	ZM_0153_A2_B11	ZM_0153_A2_B11_T7C	
10509	ZM_0153_A2_B11		ZM_0153_A2_B11_MR
10510	ZM_0153_A2_B12	ZM_0153_A2_B12_T7C	
10511	ZM_0153_A2_B12		ZM_0153_A2_B12_MR
10512	ZM_0153_A2_C01	ZM_0153_A2_C01_T7C	
10513	ZM_0153_A2_C01		ZM_0153_A2_C01_MR
10514	ZM_0153_A2_C02	ZM_0153_A2_C02_T7C	
10515	ZM_0153_A2_C02		ZM_0153_A2_C02_MR
10516	ZM_0153_A2_C03	ZM_0153_A2_C03_T7C	
10517	ZM_0153_A2_C03		ZM_0153_A2_C03_MR
10518	ZM_0153_A2_C04	ZM_0153_A2_C04_T7C	
10519	ZM_0153_A2_C04		ZM_0153_A2_C04_MR
10520	ZM_0153_A2_C05	ZM_0153_A2_C05_T7C	
10521	ZM_0153_A2_C05		ZM_0153_A2_C05_MR
10522	ZM_0153_A2_C06	ZM_0153_A2_C06_T7C	
10523	ZM_0153_A2_C06		ZM_0153_A2_C06_MR
10524	ZM_0153_A2_C07	ZM_0153_A2_C07_T7C	
10525	ZM_0153_A2_C07		ZM_0153_A2_C07_MR
10526	ZM_0153_A2_C08	ZM_0153_A2_C08_T7C	
10527	ZM_0153_A2_C08		ZM_0153_A2_C08_MR
10528	ZM_0153_A2_C09	ZM_0153_A2_C09_T7C	
10529	ZM_0153_A2_C09		ZM_0153_A2_C09_MR
10530	ZM_0153_A2_C10	ZM_0153_A2_C10_T7C	
10531	ZM_0153_A2_C10		ZM_0153_A2_C10_MR
10532	ZM_0153_A2_C11	ZM_0153_A2_C11_T7C	
10533	ZM_0153_A2_C11		ZM_0153_A2_C11_MR
10534	ZM_0153_A2_C12	ZM_0153_A2_C12_T7C	
10535	ZM_0153_A2_C12		ZM_0153_A2_C12_MR
10536	ZM_0153_A2_D01	ZM_0153_A2_D01_T7C	
10537	ZM_0153_A2_D01		ZM_0153_A2_D01_MR
10538	ZM_0153_A2_D02	ZM_0153_A2_D02_T7C	
10539	ZM_0153_A2_D02		ZM_0153_A2_D02_MR
10540	ZM_0153_A2_D03	ZM_0153_A2_D03_T7C	
10541	ZM_0153_A2_D03		ZM_0153_A2_D03_MR
10542	ZM_0153_A2_D04	ZM_0153_A2_D04_T7C	
10543	ZM_0153_A2_D04		ZM_0153_A2_D04_MR
10544	ZM_0153_A2_D05	ZM_0153_A2_D05_T7C	
10545	ZM_0153_A2_D05		ZM_0153_A2_D05_MR
10546	ZM_0153_A2_D06	ZM_0153_A2_D06_T7C	
10547	ZM_0153_A2_D06		ZM_0153_A2_D06_MR
10548	ZM_0153_A2_D07	ZM_0153_A2_D07_T7C	
10549	ZM_0153_A2_D07		ZM_0153_A2_D07_MR
10550	ZM_0153_A2_D08	ZM_0153_A2_D08_T7C	
10551	ZM_0153_A2_D08		ZM_0153_A2_D08_MR
10552	ZM_0153_A2_D09	ZM_0153_A2_D09_T7C	
10553	ZM_0153_A2_D09		ZM_0153_A2_D09_MR
10554	ZM_0153_A2_D10	ZM_0153_A2_D10_T7C	
10555	ZM_0153_A2_D10		ZM_0153_A2_D10_MR
10556	ZM_0153_A2_D11	ZM_0153_A2_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10557	ZM_0153_A2_D11		ZM_0153_A2_D11_MR
10558	ZM_0153_A2_D12	ZM_0153_A2_D12_T7C	
10559	ZM_0153_A2_D12		ZM_0153_A2_D12_MR
10560	ZM_0153_A2_E01		ZM_0153_A2_E01_MR
10561	ZM_0153_A2_E02	ZM_0153_A2_E02_T7C	
10562	ZM_0153_A2_E02		ZM_0153_A2_E02_MR
10563	ZM_0153_A2_E03	ZM_0153_A2_E03_T7C	
10564	ZM_0153_A2_E04	ZM_0153_A2_E04_T7C	
10565	ZM_0153_A2_E04		ZM_0153_A2_E04_MR
10566	ZM_0153_A2_E05		ZM_0153_A2_E05_MR
10567	ZM_0153_A2_E06	ZM_0153_A2_E06_T7C	
10568	ZM_0153_A2_E06		ZM_0153_A2_E06_MR
10569	ZM_0153_A2_E07	ZM_0153_A2_E07_T7C	
10570	ZM_0153_A2_E07		ZM_0153_A2_E07_MR
10571	ZM_0153_A2_E08	ZM_0153_A2_E08_T7C	
10572	ZM_0153_A2_E08		ZM_0153_A2_E08_MR
10573	ZM_0153_A2_E09	ZM_0153_A2_E09_T7C	
10574	ZM_0153_A2_E09		ZM_0153_A2_E09_MR
10575	ZM_0153_A2_E10	ZM_0153_A2_E10_T7C	
10576	ZM_0153_A2_E10		ZM_0153_A2_E10_MR
10577	ZM_0153_A2_E11	ZM_0153_A2_E11_T7C	
10578	ZM_0153_A2_E11		ZM_0153_A2_E11_MR
10579	ZM_0153_A2_E12	ZM_0153_A2_E12_T7C	
10580	ZM_0153_A2_F01	ZM_0153_A2_F01_T7C	
10581	ZM_0153_A2_F01		ZM_0153_A2_F01_MR
10582	ZM_0153_A2_F02	ZM_0153_A2_F02_T7C	
10583	ZM_0153_A2_F02		ZM_0153_A2_F02_MR
10584	ZM_0153_A2_F03	ZM_0153_A2_F03_T7C	
10585	ZM_0153_A2_F03		ZM_0153_A2_F03_MR
10586	ZM_0153_A2_F04	ZM_0153_A2_F04_T7C	
10587	ZM_0153_A2_F04		ZM_0153_A2_F04_MR
10588	ZM_0153_A2_F05	ZM_0153_A2_F05_T7C	
10589	ZM_0153_A2_F05		ZM_0153_A2_F05_MR
10590	ZM_0153_A2_F06		ZM_0153_A2_F06_MR
10591	ZM_0153_A2_F07	ZM_0153_A2_F07_T7C	
10592	ZM_0153_A2_F07		ZM_0153_A2_F07_MR
10593	ZM_0153_A2_F08	ZM_0153_A2_F08_T7C	
10594	ZM_0153_A2_F08		ZM_0153_A2_F08_MR
10595	ZM_0153_A2_F09	ZM_0153_A2_F09_T7C	
10596	ZM_0153_A2_F09		ZM_0153_A2_F09_MR
10597	ZM_0153_A2_F10	ZM_0153_A2_F10_T7C	
10598	ZM_0153_A2_F10		ZM_0153_A2_F10_MR
10599	ZM_0153_A2_F11	ZM_0153_A2_F11_T7C	
10600	ZM_0153_A2_F11		ZM_0153_A2_F11_MR
10601	ZM_0153_A2_F12	ZM_0153_A2_F12_T7C	
10602	ZM_0153_A2_F12		ZM_0153_A2_F12_MR
10603	ZM_0153_A2_G01	ZM_0153_A2_G01_T7C	
10604	ZM_0153_A2_G01		ZM_0153_A2_G01_MR
10605	ZM_0153_A2_G02	ZM_0153_A2_G02_T7C	
10606	ZM_0153_A2_G02		ZM_0153_A2_G02_MR
10607	ZM_0153_A2_G03	ZM_0153_A2_G03_T7C	
10608	ZM_0153_A2_G03		ZM_0153_A2_G03_MR
10609	ZM_0153_A2_G04	ZM_0153_A2_G04_T7C	
10610	ZM_0153_A2_G04		ZM_0153_A2_G04_MR
10611	ZM_0153_A2_G05	ZM_0153_A2_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10612	ZM_0153_A2_G05		ZM_0153_A2_G05_MR
10613	ZM_0153_A2_G06	ZM_0153_A2_G06_T7C	
10614	ZM_0153_A2_G06		ZM_0153_A2_G06_MR
10615	ZM_0153_A2_G07	ZM_0153_A2_G07_T7C	
10616	ZM_0153_A2_G07		ZM_0153_A2_G07_MR
10617	ZM_0153_A2_G08	ZM_0153_A2_G08_T7C	
10618	ZM_0153_A2_G08		ZM_0153_A2_G08_MR
10619	ZM_0153_A2_G09	ZM_0153_A2_G09_T7C	
10620	ZM_0153_A2_G09		ZM_0153_A2_G09_MR
10621	ZM_0153_A2_G10	ZM_0153_A2_G10_T7C	
10622	ZM_0153_A2_G10		ZM_0153_A2_G10_MR
10623	ZM_0153_A2_G11	ZM_0153_A2_G11_T7C	
10624	ZM_0153_A2_G11		ZM_0153_A2_G11_MR
10625	ZM_0153_A2_G12	ZM_0153_A2_G12_T7C	
10626	ZM_0153_A2_G12		ZM_0153_A2_G12_MR
10627	ZM_0153_A2_H01	ZM_0153_A2_H01_T7C	
10628	ZM_0153_A2_H01		ZM_0153_A2_H01_MR
10629	ZM_0153_A2_H02	ZM_0153_A2_H02_T7C	
10630	ZM_0153_A2_H02		ZM_0153_A2_H02_MR
10631	ZM_0153_A2_H03	ZM_0153_A2_H03_T7C	
10632	ZM_0153_A2_H03		ZM_0153_A2_H03_MR
10633	ZM_0153_A2_H04	ZM_0153_A2_H04_T7C	
10634	ZM_0153_A2_H04		ZM_0153_A2_H04_MR
10635	ZM_0153_A2_H05	ZM_0153_A2_H05_T7C	
10636	ZM_0153_A2_H05		ZM_0153_A2_H05_MR
10637	ZM_0153_A2_H06	ZM_0153_A2_H06_T7C	
10638	ZM_0153_A2_H06		ZM_0153_A2_H06_MR
10639	ZM_0153_A2_H08	ZM_0153_A2_H08_T7C	
10640	ZM_0153_A2_H08		ZM_0153_A2_H08_MR
10641	ZM_0153_A2_H09	ZM_0153_A2_H09_T7C	
10642	ZM_0153_A2_H09		ZM_0153_A2_H09_MR
10643	ZM_0153_A2_H10	ZM_0153_A2_H10_T7C	
10644	ZM_0153_A2_H10		ZM_0153_A2_H10_MR
10645	ZM_0153_A2_H11	ZM_0153_A2_H11_T7C	
10646	ZM_0153_A2_H11		ZM_0153_A2_H11_MR
10647	ZM_0153_A2_H12	ZM_0153_A2_H12_T7C	
10648	ZM_0153_A2_H12		ZM_0153_A2_H12_MR
10649	ZM_0154_A2_A01	ZM_0154_A2_A01_T7C	
10650	ZM_0154_A2_A01		ZM_0154_A2_A01_MR
10651	ZM_0154_A2_A02	ZM_0154_A2_A02_T7C	
10652	ZM_0154_A2_A02		ZM_0154_A2_A02_MR
10653	ZM_0154_A2_A03	ZM_0154_A2_A03_T7C	
10654	ZM_0154_A2_A03		ZM_0154_A2_A03_MR
10655	ZM_0154_A2_A04	ZM_0154_A2_A04_T7C	
10656	ZM_0154_A2_A04		ZM_0154_A2_A04_MR
10657	ZM_0154_A2_A05	ZM_0154_A2_A05_T7C	
10658	ZM_0154_A2_A05		ZM_0154_A2_A05_MR
10659	ZM_0154_A2_A06	ZM_0154_A2_A06_T7C	
10660	ZM_0154_A2_A07	ZM_0154_A2_A07_T7C	
10661	ZM_0154_A2_A07		ZM_0154_A2_A07_MR
10662	ZM_0154_A2_A08	ZM_0154_A2_A08_T7C	
10663	ZM_0154_A2_A08		ZM_0154_A2_A08_MR
10664	ZM_0154_A2_A09	ZM_0154_A2_A09_T7C	
10665	ZM_0154_A2_A09		ZM_0154_A2_A09_MR
10666	ZM_0154_A2_A10		ZM_0154_A2_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10667	ZM_0154_A2_A11	ZM_0154_A2_A11_T7C	
10668	ZM_0154_A2_A11		ZM_0154_A2_A11_MR
10669	ZM_0154_A2_A12		ZM_0154_A2_A12_MR
10670	ZM_0154_A2_B01		ZM_0154_A2_B01_MR
10671	ZM_0154_A2_B02	ZM_0154_A2_B02_T7C	
10672	ZM_0154_A2_B02		ZM_0154_A2_B02_MR
10673	ZM_0154_A2_B03	ZM_0154_A2_B03_T7C	
10674	ZM_0154_A2_B03		ZM_0154_A2_B03_MR
10675	ZM_0154_A2_B05	ZM_0154_A2_B05_T7C	
10676	ZM_0154_A2_B05		ZM_0154_A2_B05_MR
10677	ZM_0154_A2_B06	ZM_0154_A2_B06_T7C	
10678	ZM_0154_A2_B06		ZM_0154_A2_B06_MR
10679	ZM_0154_A2_B07		ZM_0154_A2_B07_MR
10680	ZM_0154_A2_B08	ZM_0154_A2_B08_T7C	
10681	ZM_0154_A2_B08		ZM_0154_A2_B08_MR
10682	ZM_0154_A2_B09	ZM_0154_A2_B09_T7C	
10683	ZM_0154_A2_B09		ZM_0154_A2_B09_MR
10684	ZM_0154_A2_B11	ZM_0154_A2_B11_T7C	
10685	ZM_0154_A2_B11		ZM_0154_A2_B11_MR
10686	ZM_0154_A2_B12		ZM_0154_A2_B12_MR
10687	ZM_0154_A2_C01		ZM_0154_A2_C01_MR
10688	ZM_0154_A2_C02	ZM_0154_A2_C02_T7C	
10689	ZM_0154_A2_C02		ZM_0154_A2_C02_MR
10690	ZM_0154_A2_C03	ZM_0154_A2_C03_T7C	
10691	ZM_0154_A2_C03		ZM_0154_A2_C03_MR
10692	ZM_0154_A2_C04	ZM_0154_A2_C04_T7C	
10693	ZM_0154_A2_C05	ZM_0154_A2_C05_T7C	
10694	ZM_0154_A2_C05		ZM_0154_A2_C05_MR
10695	ZM_0154_A2_C06	ZM_0154_A2_C06_T7C	
10696	ZM_0154_A2_C06		ZM_0154_A2_C06_MR
10697	ZM_0154_A2_C08	ZM_0154_A2_C08_T7C	
10698	ZM_0154_A2_C08		ZM_0154_A2_C08_MR
10699	ZM_0154_A2_C09	ZM_0154_A2_C09_T7C	
10700	ZM_0154_A2_C09		ZM_0154_A2_C09_MR
10701	ZM_0154_A2_C10		ZM_0154_A2_C10_MR
10702	ZM_0154_A2_C11	ZM_0154_A2_C11_T7C	
10703	ZM_0154_A2_C11		ZM_0154_A2_C11_MR
10704	ZM_0154_A2_C12	ZM_0154_A2_C12_T7C	
10705	ZM_0154_A2_D01		ZM_0154_A2_D01_MR
10706	ZM_0154_A2_D02		ZM_0154_A2_D02_MR
10707	ZM_0154_A2_D03		ZM_0154_A2_D03_MR
10708	ZM_0154_A2_D05		ZM_0154_A2_D05_MR
10709	ZM_0154_A2_D06		ZM_0154_A2_D06_MR
10710	ZM_0154_A2_D08	ZM_0154_A2_D08_T7C	
10711	ZM_0154_A2_D08		ZM_0154_A2_D08_MR
10712	ZM_0154_A2_D09	ZM_0154_A2_D09_T7C	
10713	ZM_0154_A2_D10	ZM_0154_A2_D10_T7C	
10714	ZM_0154_A2_D10		ZM_0154_A2_D10_MR
10715	ZM_0154_A2_D11	ZM_0154_A2_D11_T7C	
10716	ZM_0154_A2_D11		ZM_0154_A2_D11_MR
10717	ZM_0154_A2_D12	ZM_0154_A2_D12_T7C	
10718	ZM_0154_A2_D12		ZM_0154_A2_D12_MR
10719	ZM_0154_A2_E01	ZM_0154_A2_E01_T7C	
10720	ZM_0154_A2_E01		ZM_0154_A2_E01_MR
10721	ZM_0154_A2_E02	ZM_0154_A2_E02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10722	ZM_0154_A2_E02		ZM_0154_A2_E02_MR
10723	ZM_0154_A2_E03	ZM_0154_A2_E03_T7C	
10724	ZM_0154_A2_E03		ZM_0154_A2_E03_MR
10725	ZM_0154_A2_E04	ZM_0154_A2_E04_T7C	
10726	ZM_0154_A2_E04		ZM_0154_A2_E04_MR
10727	ZM_0154_A2_E05	ZM_0154_A2_E05_T7C	
10728	ZM_0154_A2_E05		ZM_0154_A2_E05_MR
10729	ZM_0154_A2_E06	ZM_0154_A2_E06_T7C	
10730	ZM_0154_A2_E06		ZM_0154_A2_E06_MR
10731	ZM_0154_A2_E07	ZM_0154_A2_E07_T7C	
10732	ZM_0154_A2_E07		ZM_0154_A2_E07_MR
10733	ZM_0154_A2_E08	ZM_0154_A2_E08_T7C	
10734	ZM_0154_A2_E08		ZM_0154_A2_E08_MR
10735	ZM_0154_A2_E09		ZM_0154_A2_E09_MR
10736	ZM_0154_A2_E10	ZM_0154_A2_E10_T7C	
10737	ZM_0154_A2_E10		ZM_0154_A2_E10_MR
10738	ZM_0154_A2_E11	ZM_0154_A2_E11_T7C	
10739	ZM_0154_A2_E11		ZM_0154_A2_E11_MR
10740	ZM_0154_A2_E12		ZM_0154_A2_E12_MR
10741	ZM_0154_A2_F01	ZM_0154_A2_F01_T7C	
10742	ZM_0154_A2_F01		ZM_0154_A2_F01_MR
10743	ZM_0154_A2_F02	ZM_0154_A2_F02_T7C	
10744	ZM_0154_A2_F02		ZM_0154_A2_F02_MR
10745	ZM_0154_A2_F03	ZM_0154_A2_F03_T7C	
10746	ZM_0154_A2_F03		ZM_0154_A2_F03_MR
10747	ZM_0154_A2_F04	ZM_0154_A2_F04_T7C	
10748	ZM_0154_A2_F04		ZM_0154_A2_F04_MR
10749	ZM_0154_A2_F05	ZM_0154_A2_F05_T7C	
10750	ZM_0154_A2_F05		ZM_0154_A2_F05_MR
10751	ZM_0154_A2_F06	ZM_0154_A2_F06_T7C	
10752	ZM_0154_A2_F06		ZM_0154_A2_F06_MR
10753	ZM_0154_A2_F07	ZM_0154_A2_F07_T7C	
10754	ZM_0154_A2_F07		ZM_0154_A2_F07_MR
10755	ZM_0154_A2_F08	ZM_0154_A2_F08_T7C	
10756	ZM_0154_A2_F08		ZM_0154_A2_F08_MR
10757	ZM_0154_A2_F09		ZM_0154_A2_F09_MR
10758	ZM_0154_A2_F10	ZM_0154_A2_F10_T7C	
10759	ZM_0154_A2_F10		ZM_0154_A2_F10_MR
10760	ZM_0154_A2_F11		ZM_0154_A2_F11_MR
10761	ZM_0154_A2_F12		ZM_0154_A2_F12_MR
10762	ZM_0154_A2_G01	ZM_0154_A2_G01_T7C	
10763	ZM_0154_A2_G01		ZM_0154_A2_G01_MR
10764	ZM_0154_A2_G02	ZM_0154_A2_G02_T7C	
10765	ZM_0154_A2_G02		ZM_0154_A2_G02_MR
10766	ZM_0154_A2_G03	ZM_0154_A2_G03_T7C	
10767	ZM_0154_A2_G03		ZM_0154_A2_G03_MR
10768	ZM_0154_A2_G04	ZM_0154_A2_G04_T7C	
10769	ZM_0154_A2_G04		ZM_0154_A2_G04_MR
10770	ZM_0154_A2_G05	ZM_0154_A2_G05_T7C	
10771	ZM_0154_A2_G05		ZM_0154_A2_G05_MR
10772	ZM_0154_A2_G06	ZM_0154_A2_G06_T7C	
10773	ZM_0154_A2_G06		ZM_0154_A2_G06_MR
10774	ZM_0154_A2_G07	ZM_0154_A2_G07_T7C	
10775	ZM_0154_A2_G07		ZM_0154_A2_G07_MR
10776	ZM_0154_A2_G08	ZM_0154_A2_G08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10777	ZM_0154_A2_G08		ZM_0154_A2_G08_MR
10778	ZM_0154_A2_G10	ZM_0154_A2_G10_T7C	
10779	ZM_0154_A2_G10		ZM_0154_A2_G10_MR
10780	ZM_0154_A2_G11		ZM_0154_A2_G11_MR
10781	ZM_0154_A2_G12		ZM_0154_A2_G12_MR
10782	ZM_0154_A2_H01	ZM_0154_A2_H01_T7C	
10783	ZM_0154_A2_H01		ZM_0154_A2_H01_MR
10784	ZM_0154_A2_H02	ZM_0154_A2_H02_T7C	
10785	ZM_0154_A2_H02		ZM_0154_A2_H02_MR
10786	ZM_0154_A2_H03	ZM_0154_A2_H03_T7C	
10787	ZM_0154_A2_H03		ZM_0154_A2_H03_MR
10788	ZM_0154_A2_H04	ZM_0154_A2_H04_T7C	
10789	ZM_0154_A2_H04		ZM_0154_A2_H04_MR
10790	ZM_0154_A2_H05	ZM_0154_A2_H05_T7C	
10791	ZM_0154_A2_H05		ZM_0154_A2_H05_MR
10792	ZM_0154_A2_H06	ZM_0154_A2_H06_T7C	
10793	ZM_0154_A2_H07	ZM_0154_A2_H07_T7C	
10794	ZM_0154_A2_H07		ZM_0154_A2_H07_MR
10795	ZM_0154_A2_H09	ZM_0154_A2_H09_T7C	
10796	ZM_0154_A2_H09		ZM_0154_A2_H09_MR
10797	ZM_0154_A2_H10	ZM_0154_A2_H10_T7C	
10798	ZM_0154_A2_H10		ZM_0154_A2_H10_MR
10799	ZM_0154_A2_H11	ZM_0154_A2_H11_T7C	
10800	ZM_0154_A2_H11		ZM_0154_A2_H11_MR
10801	ZM_0154_A2_H12		ZM_0154_A2_H12_MR
10802	ZM_0155_A1_A01		ZM_0155_A1_A01_MR
10803	ZM_0155_A1_A02		ZM_0155_A1_A02_MR
10804	ZM_0155_A1_A03		ZM_0155_A1_A03_MR
10805	ZM_0155_A1_A04		ZM_0155_A1_A04_MR
10806	ZM_0155_A1_A05		ZM_0155_A1_A05_MR
10807	ZM_0155_A1_A07		ZM_0155_A1_A07_MR
10808	ZM_0155_A1_A10		ZM_0155_A1_A10_MR
10809	ZM_0155_A1_A11		ZM_0155_A1_A11_MR
10810	ZM_0155_A1_A12		ZM_0155_A1_A12_MR
10811	ZM_0155_A1_B01		ZM_0155_A1_B01_MR
10812	ZM_0155_A1_B02		ZM_0155_A1_B02_MR
10813	ZM_0155_A1_B03		ZM_0155_A1_B03_MR
10814	ZM_0155_A1_B04		ZM_0155_A1_B04_MR
10815	ZM_0155_A1_B05		ZM_0155_A1_B05_MR
10816	ZM_0155_A1_B06		ZM_0155_A1_B06_MR
10817	ZM_0155_A1_B07		ZM_0155_A1_B07_MR
10818	ZM_0155_A1_B08		ZM_0155_A1_B08_MR
10819	ZM_0155_A1_B09		ZM_0155_A1_B09_MR
10820	ZM_0155_A1_B10		ZM_0155_A1_B10_MR
10821	ZM_0155_A1_B12		ZM_0155_A1_B12_MR
10822	ZM_0155_A1_C01		ZM_0155_A1_C01_MR
10823	ZM_0155_A1_C02		ZM_0155_A1_C02_MR
10824	ZM_0155_A1_C03		ZM_0155_A1_C03_MR
10825	ZM_0155_A1_C04		ZM_0155_A1_C04_MR
10826	ZM_0155_A1_C05		ZM_0155_A1_C05_MR
10827	ZM_0155_A1_C06		ZM_0155_A1_C06_MR
10828	ZM_0155_A1_C07		ZM_0155_A1_C07_MR
10829	ZM_0155_A1_C08		ZM_0155_A1_C08_MR
10830	ZM_0155_A1_C09		ZM_0155_A1_C09_MR
10831	ZM_0155_A1_C10		ZM_0155_A1_C10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10832	ZM_0155_A1_C11		ZM_0155_A1_C11_MR
10833	ZM_0155_A1_C12		ZM_0155_A1_C12_MR
10834	ZM_0155_A1_D01		ZM_0155_A1_D01_MR
10835	ZM_0155_A1_D02		ZM_0155_A1_D02_MR
10836	ZM_0155_A1_D03		ZM_0155_A1_D03_MR
10837	ZM_0155_A1_D04		ZM_0155_A1_D04_MR
10838	ZM_0155_A1_D08		ZM_0155_A1_D08_MR
10839	ZM_0155_A1_D09		ZM_0155_A1_D09_MR
10840	ZM_0155_A1_D11		ZM_0155_A1_D11_MR
10841	ZM_0155_A1_D12		ZM_0155_A1_D12_MR
10842	ZM_0155_A1_E02		ZM_0155_A1_E02_MR
10843	ZM_0155_A1_E03		ZM_0155_A1_E03_MR
10844	ZM_0155_A1_E04		ZM_0155_A1_E04_MR
10845	ZM_0155_A1_E07		ZM_0155_A1_E07_MR
10846	ZM_0155_A1_E10		ZM_0155_A1_E10_MR
10847	ZM_0155_A1_E11		ZM_0155_A1_E11_MR
10848	ZM_0155_A1_E12		ZM_0155_A1_E12_MR
10849	ZM_0155_A1_F01		ZM_0155_A1_F01_MR
10850	ZM_0155_A1_F02		ZM_0155_A1_F02_MR
10851	ZM_0155_A1_F04		ZM_0155_A1_F04_MR
10852	ZM_0155_A1_F07		ZM_0155_A1_F07_MR
10853	ZM_0155_A1_F08		ZM_0155_A1_F08_MR
10854	ZM_0155_A1_F10		ZM_0155_A1_F10_MR
10855	ZM_0155_A1_F11		ZM_0155_A1_F11_MR
10856	ZM_0155_A1_F12		ZM_0155_A1_F12_MR
10857	ZM_0155_A1_G01		ZM_0155_A1_G01_MR
10858	ZM_0155_A1_G02		ZM_0155_A1_G02_MR
10859	ZM_0155_A1_G03		ZM_0155_A1_G03_MR
10860	ZM_0155_A1_G04		ZM_0155_A1_G04_MR
10861	ZM_0155_A1_G05		ZM_0155_A1_G05_MR
10862	ZM_0155_A1_G07		ZM_0155_A1_G07_MR
10863	ZM_0155_A1_G09		ZM_0155_A1_G09_MR
10864	ZM_0155_A1_G10		ZM_0155_A1_G10_MR
10865	ZM_0155_A1_G11		ZM_0155_A1_G11_MR
10866	ZM_0155_A1_H02		ZM_0155_A1_H02_MR
10867	ZM_0155_A1_H03		ZM_0155_A1_H03_MR
10868	ZM_0155_A1_H04		ZM_0155_A1_H04_MR
10869	ZM_0155_A1_H05		ZM_0155_A1_H05_MR
10870	ZM_0155_A1_H07		ZM_0155_A1_H07_MR
10871	ZM_0155_A1_H10		ZM_0155_A1_H10_MR
10872	ZM_0155_A1_H12		ZM_0155_A1_H12_MR
10873	ZM_0155_A2_A01	ZM_0155_A2_A01_T7C	
10874	ZM_0155_A2_A02	ZM_0155_A2_A02_T7C	
10875	ZM_0155_A2_A03	ZM_0155_A2_A03_T7C	
10876	ZM_0155_A2_A04	ZM_0155_A2_A04_T7C	
10877	ZM_0155_A2_A05	ZM_0155_A2_A05_T7C	
10878	ZM_0155_A2_A06	ZM_0155_A2_A06_T7C	
10879	ZM_0155_A2_A07	ZM_0155_A2_A07_T7C	
10880	ZM_0155_A2_A08	ZM_0155_A2_A08_T7C	
10881	ZM_0155_A2_A09	ZM_0155_A2_A09_T7C	
10882	ZM_0155_A2_A10	ZM_0155_A2_A10_T7C	
10883	ZM_0155_A2_A12	ZM_0155_A2_A12_T7C	
10884	ZM_0155_A2_B01	ZM_0155_A2_B01_T7C	
10885	ZM_0155_A2_B02	ZM_0155_A2_B02_T7C	
10886	ZM_0155_A2_B04	ZM_0155_A2_B04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10887	ZM_0155_A2_B06	ZM_0155_A2_B06_T7C	
10888	ZM_0155_A2_B07	ZM_0155_A2_B07_T7C	
10889	ZM_0155_A2_B08	ZM_0155_A2_B08_T7C	
10890	ZM_0155_A2_B09	ZM_0155_A2_B09_T7C	
10891	ZM_0155_A2_B10	ZM_0155_A2_B10_T7C	
10892	ZM_0155_A2_C01	ZM_0155_A2_C01_T7C	
10893	ZM_0155_A2_C02	ZM_0155_A2_C02_T7C	
10894	ZM_0155_A2_C03	ZM_0155_A2_C03_T7C	
10895	ZM_0155_A2_C04	ZM_0155_A2_C04_T7C	
10896	ZM_0155_A2_C05	ZM_0155_A2_C05_T7C	
10897	ZM_0155_A2_C06	ZM_0155_A2_C06_T7C	
10898	ZM_0155_A2_C07	ZM_0155_A2_C07_T7C	
10899	ZM_0155_A2_C09	ZM_0155_A2_C09_T7C	
10900	ZM_0155_A2_C10	ZM_0155_A2_C10_T7C	
10901	ZM_0155_A2_C11	ZM_0155_A2_C11_T7C	
10902	ZM_0155_A2_D01	ZM_0155_A2_D01_T7C	
10903	ZM_0155_A2_D02	ZM_0155_A2_D02_T7C	
10904	ZM_0155_A2_D03	ZM_0155_A2_D03_T7C	
10905	ZM_0155_A2_D04	ZM_0155_A2_D04_T7C	
10906	ZM_0155_A2_D05	ZM_0155_A2_D05_T7C	
10907	ZM_0155_A2_D07	ZM_0155_A2_D07_T7C	
10908	ZM_0155_A2_D08	ZM_0155_A2_D08_T7C	
10909	ZM_0155_A2_D10	ZM_0155_A2_D10_T7C	
10910	ZM_0155_A2_D11	ZM_0155_A2_D11_T7C	
10911	ZM_0155_A2_E01	ZM_0155_A2_E01_T7C	
10912	ZM_0155_A2_E02	ZM_0155_A2_E02_T7C	
10913	ZM_0155_A2_E03	ZM_0155_A2_E03_T7C	
10914	ZM_0155_A2_E04	ZM_0155_A2_E04_T7C	
10915	ZM_0155_A2_E05	ZM_0155_A2_E05_T7C	
10916	ZM_0155_A2_E06	ZM_0155_A2_E06_T7C	
10917	ZM_0155_A2_E07	ZM_0155_A2_E07_T7C	
10918	ZM_0155_A2_E12	ZM_0155_A2_E12_T7C	
10919	ZM_0155_A2_F01	ZM_0155_A2_F01_T7C	
10920	ZM_0155_A2_F02	ZM_0155_A2_F02_T7C	
10921	ZM_0155_A2_F04	ZM_0155_A2_F04_T7C	
10922	ZM_0155_A2_F09	ZM_0155_A2_F09_T7C	
10923	ZM_0155_A2_F11	ZM_0155_A2_F11_T7C	
10924	ZM_0155_A2_F12	ZM_0155_A2_F12_T7C	
10925	ZM_0155_A2_G02	ZM_0155_A2_G02_T7C	
10926	ZM_0155_A2_G03	ZM_0155_A2_G03_T7C	
10927	ZM_0155_A2_G04	ZM_0155_A2_G04_T7C	
10928	ZM_0155_A2_G06	ZM_0155_A2_G06_T7C	
10929	ZM_0155_A2_G07	ZM_0155_A2_G07_T7C	
10930	ZM_0155_A2_G08	ZM_0155_A2_G08_T7C	
10931	ZM_0155_A2_G10	ZM_0155_A2_G10_T7C	
10932	ZM_0155_A2_G11	ZM_0155_A2_G11_T7C	
10933	ZM_0155_A2_H01	ZM_0155_A2_H01_T7C	
10934	ZM_0155_A2_H02	ZM_0155_A2_H02_T7C	
10935	ZM_0155_A2_H03	ZM_0155_A2_H03_T7C	
10936	ZM_0155_A2_H04	ZM_0155_A2_H04_T7C	
10937	ZM_0155_A2_H07	ZM_0155_A2_H07_T7C	
10938	ZM_0156_A1_A01	ZM_0156_A1_A01_T7C	
10939	ZM_0156_A1_A02	ZM_0156_A1_A02_T7C	
10940	ZM_0156_A1_A03	ZM_0156_A1_A03_T7C	
10941	ZM_0156_A1_A03		ZM_0156_A1_A03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10942	ZM_0156_A1_A04	ZM_0156_A1_A04_T7C	
10943	ZM_0156_A1_A04		ZM_0156_A1_A04_MR
10944	ZM_0156_A1_A05	ZM_0156_A1_A05_T7C	
10945	ZM_0156_A1_A05		ZM_0156_A1_A05_MR
10946	ZM_0156_A1_A06	ZM_0156_A1_A06_T7C	
10947	ZM_0156_A1_A06		ZM_0156_A1_A06_MR
10948	ZM_0156_A1_A07	ZM_0156_A1_A07_T7C	
10949	ZM_0156_A1_A07		ZM_0156_A1_A07_MR
10950	ZM_0156_A1_A08	ZM_0156_A1_A08_T7C	
10951	ZM_0156_A1_A08		ZM_0156_A1_A08_MR
10952	ZM_0156_A1_A09	ZM_0156_A1_A09_T7C	
10953	ZM_0156_A1_A09		ZM_0156_A1_A09_MR
10954	ZM_0156_A1_A10	ZM_0156_A1_A10_T7C	
10955	ZM_0156_A1_A10		ZM_0156_A1_A10_MR
10956	ZM_0156_A1_A11	ZM_0156_A1_A11_T7C	
10957	ZM_0156_A1_A11		ZM_0156_A1_A11_MR
10958	ZM_0156_A1_A12	ZM_0156_A1_A12_T7C	
10959	ZM_0156_A1_A12		ZM_0156_A1_A12_MR
10960	ZM_0156_A1_B01	ZM_0156_A1_B01_T7C	
10961	ZM_0156_A1_B02	ZM_0156_A1_B02_T7C	
10962	ZM_0156_A1_B02		ZM_0156_A1_B02_MR
10963	ZM_0156_A1_B03	ZM_0156_A1_B03_T7C	
10964	ZM_0156_A1_B03		ZM_0156_A1_B03_MR
10965	ZM_0156_A1_B04	ZM_0156_A1_B04_T7C	
10966	ZM_0156_A1_B04		ZM_0156_A1_B04_MR
10967	ZM_0156_A1_B05	ZM_0156_A1_B05_T7C	
10968	ZM_0156_A1_B05		ZM_0156_A1_B05_MR
10969	ZM_0156_A1_B06	ZM_0156_A1_B06_T7C	
10970	ZM_0156_A1_B06		ZM_0156_A1_B06_MR
10971	ZM_0156_A1_B07	ZM_0156_A1_B07_T7C	
10972	ZM_0156_A1_B07		ZM_0156_A1_B07_MR
10973	ZM_0156_A1_B08	ZM_0156_A1_B08_T7C	
10974	ZM_0156_A1_B08		ZM_0156_A1_B08_MR
10975	ZM_0156_A1_B09	ZM_0156_A1_B09_T7C	
10976	ZM_0156_A1_B10	ZM_0156_A1_B10_T7C	
10977	ZM_0156_A1_B10		ZM_0156_A1_B10_MR
10978	ZM_0156_A1_B11	ZM_0156_A1_B11_T7C	
10979	ZM_0156_A1_B11		ZM_0156_A1_B11_MR
10980	ZM_0156_A1_B12	ZM_0156_A1_B12_T7C	
10981	ZM_0156_A1_B12		ZM_0156_A1_B12_MR
10982	ZM_0156_A1_C01	ZM_0156_A1_C01_T7C	
10983	ZM_0156_A1_C01		ZM_0156_A1_C01_MR
10984	ZM_0156_A1_C02	ZM_0156_A1_C02_T7C	
10985	ZM_0156_A1_C02		ZM_0156_A1_C02_MR
10986	ZM_0156_A1_C03	ZM_0156_A1_C03_T7C	
10987	ZM_0156_A1_C03		ZM_0156_A1_C03_MR
10988	ZM_0156_A1_C04	ZM_0156_A1_C04_T7C	
10989	ZM_0156_A1_C04		ZM_0156_A1_C04_MR
10990	ZM_0156_A1_C05	ZM_0156_A1_C05_T7C	
10991	ZM_0156_A1_C05		ZM_0156_A1_C05_MR
10992	ZM_0156_A1_C06	ZM_0156_A1_C06_T7C	
10993	ZM_0156_A1_C06		ZM_0156_A1_C06_MR
10994	ZM_0156_A1_C07	ZM_0156_A1_C07_T7C	
10995	ZM_0156_A1_C07		ZM_0156_A1_C07_MR
10996	ZM_0156_A1_C08	ZM_0156_A1_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
10997	ZM_0156_A1_C08		ZM_0156_A1_C08_MR
10998	ZM_0156_A1_C09	ZM_0156_A1_C09_T7C	
10999	ZM_0156_A1_C09		ZM_0156_A1_C09_MR
11000	ZM_0156_A1_C10	ZM_0156_A1_C10_T7C	
11001	ZM_0156_A1_C10		ZM_0156_A1_C10_MR
11002	ZM_0156_A1_C11	ZM_0156_A1_C11_T7C	
11003	ZM_0156_A1_C12	ZM_0156_A1_C12_T7C	
11004	ZM_0156_A1_C12		ZM_0156_A1_C12_MR
11005	ZM_0156_A1_D01	ZM_0156_A1_D01_T7C	
11006	ZM_0156_A1_D01		ZM_0156_A1_D01_MR
11007	ZM_0156_A1_D02	ZM_0156_A1_D02_T7C	
11008	ZM_0156_A1_D02		ZM_0156_A1_D02_MR
11009	ZM_0156_A1_D03	ZM_0156_A1_D03_T7C	
11010	ZM_0156_A1_D03		ZM_0156_A1_D03_MR
11011	ZM_0156_A1_D04	ZM_0156_A1_D04_T7C	
11012	ZM_0156_A1_D04		ZM_0156_A1_D04_MR
11013	ZM_0156_A1_D05	ZM_0156_A1_D05_T7C	
11014	ZM_0156_A1_D05		ZM_0156_A1_D05_MR
11015	ZM_0156_A1_D06	ZM_0156_A1_D06_T7C	
11016	ZM_0156_A1_D06		ZM_0156_A1_D06_MR
11017	ZM_0156_A1_D07	ZM_0156_A1_D07_T7C	
11018	ZM_0156_A1_D07		ZM_0156_A1_D07_MR
11019	ZM_0156_A1_D08	ZM_0156_A1_D08_T7C	
11020	ZM_0156_A1_D08		ZM_0156_A1_D08_MR
11021	ZM_0156_A1_D09	ZM_0156_A1_D09_T7C	
11022	ZM_0156_A1_D09		ZM_0156_A1_D09_MR
11023	ZM_0156_A1_D10	ZM_0156_A1_D10_T7C	
11024	ZM_0156_A1_D10		ZM_0156_A1_D10_MR
11025	ZM_0156_A1_D11	ZM_0156_A1_D11_T7C	
11026	ZM_0156_A1_D11		ZM_0156_A1_D11_MR
11027	ZM_0156_A1_D12	ZM_0156_A1_D12_T7C	
11028	ZM_0156_A1_E01	ZM_0156_A1_E01_T7C	
11029	ZM_0156_A1_E01		ZM_0156_A1_E01_MR
11030	ZM_0156_A1_E02	ZM_0156_A1_E02_T7C	
11031	ZM_0156_A1_E02		ZM_0156_A1_E02_MR
11032	ZM_0156_A1_E03	ZM_0156_A1_E03_T7C	
11033	ZM_0156_A1_E03		ZM_0156_A1_E03_MR
11034	ZM_0156_A1_E04	ZM_0156_A1_E04_T7C	
11035	ZM_0156_A1_E04		ZM_0156_A1_E04_MR
11036	ZM_0156_A1_E05	ZM_0156_A1_E05_T7C	
11037	ZM_0156_A1_E05		ZM_0156_A1_E05_MR
11038	ZM_0156_A1_E06	ZM_0156_A1_E06_T7C	
11039	ZM_0156_A1_E06		ZM_0156_A1_E06_MR
11040	ZM_0156_A1_E08	ZM_0156_A1_E08_T7C	
11041	ZM_0156_A1_E08		ZM_0156_A1_E08_MR
11042	ZM_0156_A1_E09	ZM_0156_A1_E09_T7C	
11043	ZM_0156_A1_E09		ZM_0156_A1_E09_MR
11044	ZM_0156_A1_E10	ZM_0156_A1_E10_T7C	
11045	ZM_0156_A1_E10		ZM_0156_A1_E10_MR
11046	ZM_0156_A1_E11	ZM_0156_A1_E11_T7C	
11047	ZM_0156_A1_E11		ZM_0156_A1_E11_MR
11048	ZM_0156_A1_E12	ZM_0156_A1_E12_T7C	
11049	ZM_0156_A1_E12		ZM_0156_A1_E12_MR
11050	ZM_0156_A1_F01	ZM_0156_A1_F01_T7C	
11051	ZM_0156_A1_F01		ZM_0156_A1_F01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11052	ZM_0156_A1_F02	ZM_0156_A1_F02_T7C	
11053	ZM_0156_A1_F02		ZM_0156_A1_F02_MR
11054	ZM_0156_A1_F03	ZM_0156_A1_F03_T7C	
11055	ZM_0156_A1_F03		ZM_0156_A1_F03_MR
11056	ZM_0156_A1_F04	ZM_0156_A1_F04_T7C	
11057	ZM_0156_A1_F04		ZM_0156_A1_F04_MR
11058	ZM_0156_A1_F05	ZM_0156_A1_F05_T7C	
11059	ZM_0156_A1_F05		ZM_0156_A1_F05_MR
11060	ZM_0156_A1_F06	ZM_0156_A1_F06_T7C	
11061	ZM_0156_A1_F06		ZM_0156_A1_F06_MR
11062	ZM_0156_A1_F07	ZM_0156_A1_F07_T7C	
11063	ZM_0156_A1_F07		ZM_0156_A1_F07_MR
11064	ZM_0156_A1_F08	ZM_0156_A1_F08_T7C	
11065	ZM_0156_A1_F08		ZM_0156_A1_F08_MR
11066	ZM_0156_A1_F09	ZM_0156_A1_F09_T7C	
11067	ZM_0156_A1_F09		ZM_0156_A1_F09_MR
11068	ZM_0156_A1_F10	ZM_0156_A1_F10_T7C	
11069	ZM_0156_A1_F10		ZM_0156_A1_F10_MR
11070	ZM_0156_A1_F11	ZM_0156_A1_F11_T7C	
11071	ZM_0156_A1_F11		ZM_0156_A1_F11_MR
11072	ZM_0156_A1_F12	ZM_0156_A1_F12_T7C	
11073	ZM_0156_A1_F12		ZM_0156_A1_F12_MR
11074	ZM_0156_A1_G01	ZM_0156_A1_G01_T7C	
11075	ZM_0156_A1_G02	ZM_0156_A1_G02_T7C	
11076	ZM_0156_A1_G03	ZM_0156_A1_G03_T7C	
11077	ZM_0156_A1_G03		ZM_0156_A1_G03_MR
11078	ZM_0156_A1_G04	ZM_0156_A1_G04_T7C	
11079	ZM_0156_A1_G04		ZM_0156_A1_G04_MR
11080	ZM_0156_A1_G05	ZM_0156_A1_G05_T7C	
11081	ZM_0156_A1_G05		ZM_0156_A1_G05_MR
11082	ZM_0156_A1_G06	ZM_0156_A1_G06_T7C	
11083	ZM_0156_A1_G07	ZM_0156_A1_G07_T7C	
11084	ZM_0156_A1_G07		ZM_0156_A1_G07_MR
11085	ZM_0156_A1_G08	ZM_0156_A1_G08_T7C	
11086	ZM_0156_A1_G08		ZM_0156_A1_G08_MR
11087	ZM_0156_A1_G09	ZM_0156_A1_G09_T7C	
11088	ZM_0156_A1_G09		ZM_0156_A1_G09_MR
11089	ZM_0156_A1_G10	ZM_0156_A1_G10_T7C	
11090	ZM_0156_A1_G10		ZM_0156_A1_G10_MR
11091	ZM_0156_A1_G11	ZM_0156_A1_G11_T7C	
11092	ZM_0156_A1_G11		ZM_0156_A1_G11_MR
11093	ZM_0156_A1_G12	ZM_0156_A1_G12_T7C	
11094	ZM_0156_A1_G12		ZM_0156_A1_G12_MR
11095	ZM_0156_A1_H01	ZM_0156_A1_H01_T7C	
11096	ZM_0156_A1_H01		ZM_0156_A1_H01_MR
11097	ZM_0156_A1_H02	ZM_0156_A1_H02_T7C	
11098	ZM_0156_A1_H02		ZM_0156_A1_H02_MR
11099	ZM_0156_A1_H04	ZM_0156_A1_H04_T7C	
11100	ZM_0156_A1_H04		ZM_0156_A1_H04_MR
11101	ZM_0156_A1_H05	ZM_0156_A1_H05_T7C	
11102	ZM_0156_A1_H05		ZM_0156_A1_H05_MR
11103	ZM_0156_A1_H06	ZM_0156_A1_H06_T7C	
11104	ZM_0156_A1_H07	ZM_0156_A1_H07_T7C	
11105	ZM_0156_A1_H07		ZM_0156_A1_H07_MR
11106	ZM_0156_A1_H08	ZM_0156_A1_H08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11107	ZM_0156_A1_H08		ZM_0156_A1_H08_MR
11108	ZM_0156_A1_H09	ZM_0156_A1_H09_T7C	
11109	ZM_0156_A1_H09		ZM_0156_A1_H09_MR
11110	ZM_0156_A1_H10	ZM_0156_A1_H10_T7C	
11111	ZM_0156_A1_H10		ZM_0156_A1_H10_MR
11112	ZM_0156_A1_H11	ZM_0156_A1_H11_T7C	
11113	ZM_0156_A1_H12	ZM_0156_A1_H12_T7C	
11114	ZM_0156_A2_A01		ZM_0156_A2_A01_MR
11115	ZM_0156_A2_A02		ZM_0156_A2_A02_MR
11116	ZM_0156_A2_A03		ZM_0156_A2_A03_MR
11117	ZM_0156_A2_A04		ZM_0156_A2_A04_MR
11118	ZM_0156_A2_A07		ZM_0156_A2_A07_MR
11119	ZM_0156_A2_A10		ZM_0156_A2_A10_MR
11120	ZM_0156_A2_A12		ZM_0156_A2_A12_MR
11121	ZM_0156_A2_B01		ZM_0156_A2_B01_MR
11122	ZM_0156_A2_B02		ZM_0156_A2_B02_MR
11123	ZM_0156_A2_B03		ZM_0156_A2_B03_MR
11124	ZM_0156_A2_B04		ZM_0156_A2_B04_MR
11125	ZM_0156_A2_B05		ZM_0156_A2_B05_MR
11126	ZM_0156_A2_B06		ZM_0156_A2_B06_MR
11127	ZM_0156_A2_B07		ZM_0156_A2_B07_MR
11128	ZM_0156_A2_B09		ZM_0156_A2_B09_MR
11129	ZM_0156_A2_B11		ZM_0156_A2_B11_MR
11130	ZM_0156_A2_B12		ZM_0156_A2_B12_MR
11131	ZM_0156_A2_C01		ZM_0156_A2_C01_MR
11132	ZM_0156_A2_C02		ZM_0156_A2_C02_MR
11133	ZM_0156_A2_C03		ZM_0156_A2_C03_MR
11134	ZM_0156_A2_C04		ZM_0156_A2_C04_MR
11135	ZM_0156_A2_C06		ZM_0156_A2_C06_MR
11136	ZM_0156_A2_C08		ZM_0156_A2_C08_MR
11137	ZM_0156_A2_C10		ZM_0156_A2_C10_MR
11138	ZM_0156_A2_C11		ZM_0156_A2_C11_MR
11139	ZM_0156_A2_C12		ZM_0156_A2_C12_MR
11140	ZM_0156_A2_D01		ZM_0156_A2_D01_MR
11141	ZM_0156_A2_D02		ZM_0156_A2_D02_MR
11142	ZM_0156_A2_D03		ZM_0156_A2_D03_MR
11143	ZM_0156_A2_D04		ZM_0156_A2_D04_MR
11144	ZM_0156_A2_D05		ZM_0156_A2_D05_MR
11145	ZM_0156_A2_D06		ZM_0156_A2_D06_MR
11146	ZM_0156_A2_D07		ZM_0156_A2_D07_MR
11147	ZM_0156_A2_D08		ZM_0156_A2_D08_MR
11148	ZM_0156_A2_D09		ZM_0156_A2_D09_MR
11149	ZM_0156_A2_D11		ZM_0156_A2_D11_MR
11150	ZM_0156_A2_D12		ZM_0156_A2_D12_MR
11151	ZM_0156_A2_E01		ZM_0156_A2_E01_MR
11152	ZM_0156_A2_E02		ZM_0156_A2_E02_MR
11153	ZM_0156_A2_E03		ZM_0156_A2_E03_MR
11154	ZM_0156_A2_E04		ZM_0156_A2_E04_MR
11155	ZM_0156_A2_E05		ZM_0156_A2_E05_MR
11156	ZM_0156_A2_E06		ZM_0156_A2_E06_MR
11157	ZM_0156_A2_E07		ZM_0156_A2_E07_MR
11158	ZM_0156_A2_E08		ZM_0156_A2_E08_MR
11159	ZM_0156_A2_E09		ZM_0156_A2_E09_MR
11160	ZM_0156_A2_E11		ZM_0156_A2_E11_MR
11161	ZM_0156_A2_E12		ZM_0156_A2_E12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11162	ZM_0156_A2_F01		ZM_0156_A2_F01_MR
11163	ZM_0156_A2_F02		ZM_0156_A2_F02_MR
11164	ZM_0156_A2_F03		ZM_0156_A2_F03_MR
11165	ZM_0156_A2_F04		ZM_0156_A2_F04_MR
11166	ZM_0156_A2_F05		ZM_0156_A2_F05_MR
11167	ZM_0156_A2_F06		ZM_0156_A2_F06_MR
11168	ZM_0156_A2_F07		ZM_0156_A2_F07_MR
11169	ZM_0156_A2_F09		ZM_0156_A2_F09_MR
11170	ZM_0156_A2_F11		ZM_0156_A2_F11_MR
11171	ZM_0156_A2_F12		ZM_0156_A2_F12_MR
11172	ZM_0156_A2_G01		ZM_0156_A2_G01_MR
11173	ZM_0156_A2_G02		ZM_0156_A2_G02_MR
11174	ZM_0156_A2_G03		ZM_0156_A2_G03_MR
11175	ZM_0156_A2_G04		ZM_0156_A2_G04_MR
11176	ZM_0156_A2_G05		ZM_0156_A2_G05_MR
11177	ZM_0156_A2_G06		ZM_0156_A2_G06_MR
11178	ZM_0156_A2_G07		ZM_0156_A2_G07_MR
11179	ZM_0156_A2_G08		ZM_0156_A2_G08_MR
11180	ZM_0156_A2_G09		ZM_0156_A2_G09_MR
11181	ZM_0156_A2_G11		ZM_0156_A2_G11_MR
11182	ZM_0156_A2_G12		ZM_0156_A2_G12_MR
11183	ZM_0156_A2_H01		ZM_0156_A2_H01_MR
11184	ZM_0156_A2_H02		ZM_0156_A2_H02_MR
11185	ZM_0156_A2_H03		ZM_0156_A2_H03_MR
11186	ZM_0156_A2_H05		ZM_0156_A2_H05_MR
11187	ZM_0156_A2_H06		ZM_0156_A2_H06_MR
11188	ZM_0156_A2_H07		ZM_0156_A2_H07_MR
11189	ZM_0156_A2_H08		ZM_0156_A2_H08_MR
11190	ZM_0156_A2_H11		ZM_0156_A2_H11_MR
11191	ZM_0156_A2_H12		ZM_0156_A2_H12_MR
11192	ZM_015_A1_A01	ZM_015_A1_A01_T7C	
11193	ZM_015_A1_A02	ZM_015_A1_A02_T7C	
11194	ZM_015_A1_A02		ZM_015_A1_A02_MR
11195	ZM_015_A1_A03	ZM_015_A1_A03_T7C	
11196	ZM_015_A1_A03		ZM_015_A1_A03_MR
11197	ZM_015_A1_A04	ZM_015_A1_A04_T7C	
11198	ZM_015_A1_A04		ZM_015_A1_A04_MR
11199	ZM_015_A1_A05	ZM_015_A1_A05_T7C	
11200	ZM_015_A1_A05		ZM_015_A1_A05_MR
11201	ZM_015_A1_A06	ZM_015_A1_A06_T7C	
11202	ZM_015_A1_A06		ZM_015_A1_A06_MR
11203	ZM_015_A1_A07	ZM_015_A1_A07_T7C	
11204	ZM_015_A1_A07		ZM_015_A1_A07_MR
11205	ZM_015_A1_A08	ZM_015_A1_A08_T7C	
11206	ZM_015_A1_A08		ZM_015_A1_A08_MR
11207	ZM_015_A1_A09	ZM_015_A1_A09_T7C	
11208	ZM_015_A1_A09		ZM_015_A1_A09_MR
11209	ZM_015_A1_A10	ZM_015_A1_A10_T7C	
11210	ZM_015_A1_A10		ZM_015_A1_A10_MR
11211	ZM_015_A1_A11	ZM_015_A1_A11_T7C	
11212	ZM_015_A1_A11		ZM_015_A1_A11_MR
11213	ZM_015_A1_A12	ZM_015_A1_A12_T7C	
11214	ZM_015_A1_A12		ZM_015_A1_A12_MR
11215	ZM_015_A1_B01	ZM_015_A1_B01_T7C	
11216	ZM_015_A1_B01		ZM_015_A1_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11217	ZM_015_A1_B02	ZM_015_A1_B02_T7C	
11218	ZM_015_A1_B02		ZM_015_A1_B02_MR
11219	ZM_015_A1_B03	ZM_015_A1_B03_T7C	
11220	ZM_015_A1_B03		ZM_015_A1_B03_MR
11221	ZM_015_A1_B04		ZM_015_A1_B04_MR
11222	ZM_015_A1_B05	ZM_015_A1_B05_T7C	
11223	ZM_015_A1_B05		ZM_015_A1_B05_MR
11224	ZM_015_A1_B06	ZM_015_A1_B06_T7C	
11225	ZM_015_A1_B06		ZM_015_A1_B06_MR
11226	ZM_015_A1_B07	ZM_015_A1_B07_T7C	
11227	ZM_015_A1_B07		ZM_015_A1_B07_MR
11228	ZM_015_A1_B08	ZM_015_A1_B08_T7C	
11229	ZM_015_A1_B08		ZM_015_A1_B08_MR
11230	ZM_015_A1_B09	ZM_015_A1_B09_T7C	
11231	ZM_015_A1_B09		ZM_015_A1_B09_MR
11232	ZM_015_A1_B10	ZM_015_A1_B10_T7C	
11233	ZM_015_A1_B10		ZM_015_A1_B10_MR
11234	ZM_015_A1_B11	ZM_015_A1_B11_T7C	
11235	ZM_015_A1_B11		ZM_015_A1_B11_MR
11236	ZM_015_A1_B12	ZM_015_A1_B12_T7C	
11237	ZM_015_A1_B12		ZM_015_A1_B12_MR
11238	ZM_015_A1_C01		ZM_015_A1_C01_MR
11239	ZM_015_A1_C02	ZM_015_A1_C02_T7C	
11240	ZM_015_A1_C02		ZM_015_A1_C02_MR
11241	ZM_015_A1_C03	ZM_015_A1_C03_T7C	
11242	ZM_015_A1_C03		ZM_015_A1_C03_MR
11243	ZM_015_A1_C04	ZM_015_A1_C04_T7C	
11244	ZM_015_A1_C04		ZM_015_A1_C04_MR
11245	ZM_015_A1_C05	ZM_015_A1_C05_T7C	
11246	ZM_015_A1_C05		ZM_015_A1_C05_MR
11247	ZM_015_A1_C06	ZM_015_A1_C06_T7C	
11248	ZM_015_A1_C06		ZM_015_A1_C06_MR
11249	ZM_015_A1_C07	ZM_015_A1_C07_T7C	
11250	ZM_015_A1_C07		ZM_015_A1_C07_MR
11251	ZM_015_A1_C08	ZM_015_A1_C08_T7C	
11252	ZM_015_A1_C08		ZM_015_A1_C08_MR
11253	ZM_015_A1_C09	ZM_015_A1_C09_T7C	
11254	ZM_015_A1_C09		ZM_015_A1_C09_MR
11255	ZM_015_A1_C10	ZM_015_A1_C10_T7C	
11256	ZM_015_A1_C10		ZM_015_A1_C10_MR
11257	ZM_015_A1_C11	ZM_015_A1_C11_T7C	
11258	ZM_015_A1_C11		ZM_015_A1_C11_MR
11259	ZM_015_A1_C12	ZM_015_A1_C12_T7C	
11260	ZM_015_A1_C12		ZM_015_A1_C12_MR
11261	ZM_015_A1_D01	ZM_015_A1_D01_T7C	
11262	ZM_015_A1_D01		ZM_015_A1_D01_MR
11263	ZM_015_A1_D02	ZM_015_A1_D02_T7C	
11264	ZM_015_A1_D02		ZM_015_A1_D02_MR
11265	ZM_015_A1_D03	ZM_015_A1_D03_T7C	
11266	ZM_015_A1_D03		ZM_015_A1_D03_MR
11267	ZM_015_A1_D04	ZM_015_A1_D04_T7C	
11268	ZM_015_A1_D04		ZM_015_A1_D04_MR
11269	ZM_015_A1_D05	ZM_015_A1_D05_T7C	
11270	ZM_015_A1_D05		ZM_015_A1_D05_MR
11271	ZM_015_A1_D06	ZM_015_A1_D06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11272	ZM_015_A1_D06		ZM_015_A1_D06_MR
11273	ZM_015_A1_D07	ZM_015_A1_D07_T7C	
11274	ZM_015_A1_D07		ZM_015_A1_D07_MR
11275	ZM_015_A1_D08	ZM_015_A1_D08_T7C	
11276	ZM_015_A1_D08		ZM_015_A1_D08_MR
11277	ZM_015_A1_D10	ZM_015_A1_D10_T7C	
11278	ZM_015_A1_D10		ZM_015_A1_D10_MR
11279	ZM_015_A1_D11	ZM_015_A1_D11_T7C	
11280	ZM_015_A1_D11		ZM_015_A1_D11_MR
11281	ZM_015_A1_D12	ZM_015_A1_D12_T7C	
11282	ZM_015_A1_D12		ZM_015_A1_D12_MR
11283	ZM_015_A1_E01	ZM_015_A1_E01_T7C	
11284	ZM_015_A1_E01		ZM_015_A1_E01_MR
11285	ZM_015_A1_E03		ZM_015_A1_E03_MR
11286	ZM_015_A1_E04	ZM_015_A1_E04_T7C	
11287	ZM_015_A1_E04		ZM_015_A1_E04_MR
11288	ZM_015_A1_E05	ZM_015_A1_E05_T7C	
11289	ZM_015_A1_E05		ZM_015_A1_E05_MR
11290	ZM_015_A1_E06	ZM_015_A1_E06_T7C	
11291	ZM_015_A1_E06		ZM_015_A1_E06_MR
11292	ZM_015_A1_E07	ZM_015_A1_E07_T7C	
11293	ZM_015_A1_E07		ZM_015_A1_E07_MR
11294	ZM_015_A1_E08	ZM_015_A1_E08_T7C	
11295	ZM_015_A1_E08		ZM_015_A1_E08_MR
11296	ZM_015_A1_E09	ZM_015_A1_E09_T7C	
11297	ZM_015_A1_E09		ZM_015_A1_E09_MR
11298	ZM_015_A1_E10	ZM_015_A1_E10_T7C	
11299	ZM_015_A1_E10		ZM_015_A1_E10_MR
11300	ZM_015_A1_E11	ZM_015_A1_E11_T7C	
11301	ZM_015_A1_E11		ZM_015_A1_E11_MR
11302	ZM_015_A1_E12	ZM_015_A1_E12_T7C	
11303	ZM_015_A1_E12		ZM_015_A1_E12_MR
11304	ZM_015_A1_F01	ZM_015_A1_F01_T7C	
11305	ZM_015_A1_F01		ZM_015_A1_F01_MR
11306	ZM_015_A1_F02	ZM_015_A1_F02_T7C	
11307	ZM_015_A1_F02		ZM_015_A1_F02_MR
11308	ZM_015_A1_F03	ZM_015_A1_F03_T7C	
11309	ZM_015_A1_F03		ZM_015_A1_F03_MR
11310	ZM_015_A1_F04	ZM_015_A1_F04_T7C	
11311	ZM_015_A1_F04		ZM_015_A1_F04_MR
11312	ZM_015_A1_F05	ZM_015_A1_F05_T7C	
11313	ZM_015_A1_F05		ZM_015_A1_F05_MR
11314	ZM_015_A1_F06	ZM_015_A1_F06_T7C	
11315	ZM_015_A1_F06		ZM_015_A1_F06_MR
11316	ZM_015_A1_F07	ZM_015_A1_F07_T7C	
11317	ZM_015_A1_F07		ZM_015_A1_F07_MR
11318	ZM_015_A1_F08	ZM_015_A1_F08_T7C	
11319	ZM_015_A1_F08		ZM_015_A1_F08_MR
11320	ZM_015_A1_F09	ZM_015_A1_F09_T7C	
11321	ZM_015_A1_F09		ZM_015_A1_F09_MR
11322	ZM_015_A1_F10	ZM_015_A1_F10_T7C	
11323	ZM_015_A1_F10		ZM_015_A1_F10_MR
11324	ZM_015_A1_F11	ZM_015_A1_F11_T7C	
11325	ZM_015_A1_F11		ZM_015_A1_F11_MR
11326	ZM_015_A1_F12	ZM_015_A1_F12_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11327	ZM_015_A1_F12		ZM_015_A1_F12_MR
11328	ZM_015_A1_G01	ZM_015_A1_G01_T7C	
11329	ZM_015_A1_G01		ZM_015_A1_G01_MR
11330	ZM_015_A1_G02		ZM_015_A1_G02_MR
11331	ZM_015_A1_G03	ZM_015_A1_G03_T7C	
11332	ZM_015_A1_G03		ZM_015_A1_G03_MR
11333	ZM_015_A1_G04	ZM_015_A1_G04_T7C	
11334	ZM_015_A1_G04		ZM_015_A1_G04_MR
11335	ZM_015_A1_G05	ZM_015_A1_G05_T7C	
11336	ZM_015_A1_G05		ZM_015_A1_G05_MR
11337	ZM_015_A1_G06	ZM_015_A1_G06_T7C	
11338	ZM_015_A1_G06		ZM_015_A1_G06_MR
11339	ZM_015_A1_G07	ZM_015_A1_G07_T7C	
11340	ZM_015_A1_G07		ZM_015_A1_G07_MR
11341	ZM_015_A1_G08	ZM_015_A1_G08_T7C	
11342	ZM_015_A1_G08		ZM_015_A1_G08_MR
11343	ZM_015_A1_G09	ZM_015_A1_G09_T7C	
11344	ZM_015_A1_G09		ZM_015_A1_G09_MR
11345	ZM_015_A1_G10	ZM_015_A1_G10_T7C	
11346	ZM_015_A1_G10		ZM_015_A1_G10_MR
11347	ZM_015_A1_G11	ZM_015_A1_G11_T7C	
11348	ZM_015_A1_G11		ZM_015_A1_G11_MR
11349	ZM_015_A1_G12	ZM_015_A1_G12_T7C	
11350	ZM_015_A1_G12		ZM_015_A1_G12_MR
11351	ZM_015_A1_H01	ZM_015_A1_H01_T7C	
11352	ZM_015_A1_H01		ZM_015_A1_H01_MR
11353	ZM_015_A1_H02	ZM_015_A1_H02_T7C	
11354	ZM_015_A1_H02		ZM_015_A1_H02_MR
11355	ZM_015_A1_H03	ZM_015_A1_H03_T7C	
11356	ZM_015_A1_H03		ZM_015_A1_H03_MR
11357	ZM_015_A1_H04	ZM_015_A1_H04_T7C	
11358	ZM_015_A1_H04		ZM_015_A1_H04_MR
11359	ZM_015_A1_H05	ZM_015_A1_H05_T7C	
11360	ZM_015_A1_H05		ZM_015_A1_H05_MR
11361	ZM_015_A1_H06	ZM_015_A1_H06_T7C	
11362	ZM_015_A1_H06		ZM_015_A1_H06_MR
11363	ZM_015_A1_H07	ZM_015_A1_H07_T7C	
11364	ZM_015_A1_H07		ZM_015_A1_H07_MR
11365	ZM_015_A1_H08	ZM_015_A1_H08_T7C	
11366	ZM_015_A1_H08		ZM_015_A1_H08_MR
11367	ZM_015_A1_H09	ZM_015_A1_H09_T7C	
11368	ZM_015_A1_H09		ZM_015_A1_H09_MR
11369	ZM_015_A1_H12	ZM_015_A1_H12_T7C	
11370	ZM_015_A1_H12		ZM_015_A1_H12_MR
11371	ZM_015_A2_A02	ZM_015_A2_A02_T7C	
11372	ZM_015_A2_A02		ZM_015_A2_A02_MR
11373	ZM_015_A2_A03	ZM_015_A2_A03_T7C	
11374	ZM_015_A2_A03		ZM_015_A2_A03_MR
11375	ZM_015_A2_A04	ZM_015_A2_A04_T7C	
11376	ZM_015_A2_A05	ZM_015_A2_A05_T7C	
11377	ZM_015_A2_A07	ZM_015_A2_A07_T7C	
11378	ZM_015_A2_A07		ZM_015_A2_A07_MR
11379	ZM_015_A2_A08	ZM_015_A2_A08_T7C	
11380	ZM_015_A2_A09	ZM_015_A2_A09_T7C	
11381	ZM_015_A2_A09		ZM_015_A2_A09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11382	ZM_015_A2_A10	ZM_015_A2_A10_T7C	
11383	ZM_015_A2_A10		ZM_015_A2_A10_MR
11384	ZM_015_A2_A11	ZM_015_A2_A11_T7C	
11385	ZM_015_A2_A11		ZM_015_A2_A11_MR
11386	ZM_015_A2_A12	ZM_015_A2_A12_T7C	
11387	ZM_015_A2_A12		ZM_015_A2_A12_MR
11388	ZM_015_A2_B01	ZM_015_A2_B01_T7C	
11389	ZM_015_A2_B01		ZM_015_A2_B01_MR
11390	ZM_015_A2_B02	ZM_015_A2_B02_T7C	
11391	ZM_015_A2_B02		ZM_015_A2_B02_MR
11392	ZM_015_A2_B03	ZM_015_A2_B03_T7C	
11393	ZM_015_A2_B04	ZM_015_A2_B04_T7C	
11394	ZM_015_A2_B05	ZM_015_A2_B05_T7C	
11395	ZM_015_A2_B06	ZM_015_A2_B06_T7C	
11396	ZM_015_A2_B07	ZM_015_A2_B07_T7C	
11397	ZM_015_A2_B07		ZM_015_A2_B07_MR
11398	ZM_015_A2_B08	ZM_015_A2_B08_T7C	
11399	ZM_015_A2_B09	ZM_015_A2_B09_T7C	
11400	ZM_015_A2_B10	ZM_015_A2_B10_T7C	
11401	ZM_015_A2_B10		ZM_015_A2_B10_MR
11402	ZM_015_A2_B11		ZM_015_A2_B11_MR
11403	ZM_015_A2_B12	ZM_015_A2_B12_T7C	
11404	ZM_015_A2_B12		ZM_015_A2_B12_MR
11405	ZM_015_A2_C01		ZM_015_A2_C01_MR
11406	ZM_015_A2_C02	ZM_015_A2_C02_T7C	
11407	ZM_015_A2_C02		ZM_015_A2_C02_MR
11408	ZM_015_A2_C03	ZM_015_A2_C03_T7C	
11409	ZM_015_A2_C04	ZM_015_A2_C04_T7C	
11410	ZM_015_A2_C04		ZM_015_A2_C04_MR
11411	ZM_015_A2_C05	ZM_015_A2_C05_T7C	
11412	ZM_015_A2_C05		ZM_015_A2_C05_MR
11413	ZM_015_A2_C06	ZM_015_A2_C06_T7C	
11414	ZM_015_A2_C07	ZM_015_A2_C07_T7C	
11415	ZM_015_A2_C08	ZM_015_A2_C08_T7C	
11416	ZM_015_A2_C08		ZM_015_A2_C08_MR
11417	ZM_015_A2_C09	ZM_015_A2_C09_T7C	
11418	ZM_015_A2_C09		ZM_015_A2_C09_MR
11419	ZM_015_A2_C10	ZM_015_A2_C10_T7C	
11420	ZM_015_A2_C11	ZM_015_A2_C11_T7C	
11421	ZM_015_A2_C11		ZM_015_A2_C11_MR
11422	ZM_015_A2_C12	ZM_015_A2_C12_T7C	
11423	ZM_015_A2_C12		ZM_015_A2_C12_MR
11424	ZM_015_A2_D01	ZM_015_A2_D01_T7C	
11425	ZM_015_A2_D01		ZM_015_A2_D01_MR
11426	ZM_015_A2_D02	ZM_015_A2_D02_T7C	
11427	ZM_015_A2_D05	ZM_015_A2_D05_T7C	
11428	ZM_015_A2_D06	ZM_015_A2_D06_T7C	
11429	ZM_015_A2_D07	ZM_015_A2_D07_T7C	
11430	ZM_015_A2_D08	ZM_015_A2_D08_T7C	
11431	ZM_015_A2_D09	ZM_015_A2_D09_T7C	
11432	ZM_015_A2_D10	ZM_015_A2_D10_T7C	
11433	ZM_015_A2_D10		ZM_015_A2_D10_MR
11434	ZM_015_A2_D11	ZM_015_A2_D11_T7C	
11435	ZM_015_A2_D11		ZM_015_A2_D11_MR
11436	ZM_015_A2_D12	ZM_015_A2_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11437	ZM_015_A2_D12		ZM_015_A2_D12_MR
11438	ZM_015_A2_E01	ZM_015_A2_E01_T7C	
11439	ZM_015_A2_E01		ZM_015_A2_E01_MR
11440	ZM_015_A2_E02	ZM_015_A2_E02_T7C	
11441	ZM_015_A2_E02		ZM_015_A2_E02_MR
11442	ZM_015_A2_E03	ZM_015_A2_E03_T7C	
11443	ZM_015_A2_E03		ZM_015_A2_E03_MR
11444	ZM_015_A2_E04	ZM_015_A2_E04_T7C	
11445	ZM_015_A2_E04		ZM_015_A2_E04_MR
11446	ZM_015_A2_E05	ZM_015_A2_E05_T7C	
11447	ZM_015_A2_E05		ZM_015_A2_E05_MR
11448	ZM_015_A2_E06		ZM_015_A2_E06_MR
11449	ZM_015_A2_E07	ZM_015_A2_E07_T7C	
11450	ZM_015_A2_E07		ZM_015_A2_E07_MR
11451	ZM_015_A2_E09	ZM_015_A2_E09_T7C	
11452	ZM_015_A2_E10	ZM_015_A2_E10_T7C	
11453	ZM_015_A2_E10		ZM_015_A2_E10_MR
11454	ZM_015_A2_E11	ZM_015_A2_E11_T7C	
11455	ZM_015_A2_E11		ZM_015_A2_E11_MR
11456	ZM_015_A2_E12	ZM_015_A2_E12_T7C	
11457	ZM_015_A2_E12		ZM_015_A2_E12_MR
11458	ZM_015_A2_F02	ZM_015_A2_F02_T7C	
11459	ZM_015_A2_F02		ZM_015_A2_F02_MR
11460	ZM_015_A2_F03	ZM_015_A2_F03_T7C	
11461	ZM_015_A2_F03		ZM_015_A2_F03_MR
11462	ZM_015_A2_F04	ZM_015_A2_F04_T7C	
11463	ZM_015_A2_F04		ZM_015_A2_F04_MR
11464	ZM_015_A2_F05		ZM_015_A2_F05_MR
11465	ZM_015_A2_F06	ZM_015_A2_F06_T7C	
11466	ZM_015_A2_F07	ZM_015_A2_F07_T7C	
11467	ZM_015_A2_F07		ZM_015_A2_F07_MR
11468	ZM_015_A2_F08	ZM_015_A2_F08_T7C	
11469	ZM_015_A2_F10	ZM_015_A2_F10_T7C	
11470	ZM_015_A2_F10		ZM_015_A2_F10_MR
11471	ZM_015_A2_F11	ZM_015_A2_F11_T7C	
11472	ZM_015_A2_F11		ZM_015_A2_F11_MR
11473	ZM_015_A2_F12	ZM_015_A2_F12_T7C	
11474	ZM_015_A2_F12		ZM_015_A2_F12_MR
11475	ZM_015_A2_G01	ZM_015_A2_G01_T7C	
11476	ZM_015_A2_G01		ZM_015_A2_G01_MR
11477	ZM_015_A2_G02		ZM_015_A2_G02_MR
11478	ZM_015_A2_G03	ZM_015_A2_G03_T7C	
11479	ZM_015_A2_G05	ZM_015_A2_G05_T7C	
11480	ZM_015_A2_G06	ZM_015_A2_G06_T7C	
11481	ZM_015_A2_G08		ZM_015_A2_G08_MR
11482	ZM_015_A2_G12	ZM_015_A2_G12_T7C	
11483	ZM_015_A2_G12		ZM_015_A2_G12_MR
11484	ZM_015_A2_H01	ZM_015_A2_H01_T7C	
11485	ZM_015_A2_H01		ZM_015_A2_H01_MR
11486	ZM_015_A2_H02	ZM_015_A2_H02_T7C	
11487	ZM_015_A2_H02		ZM_015_A2_H02_MR
11488	ZM_015_A2_H03	ZM_015_A2_H03_T7C	
11489	ZM_015_A2_H03		ZM_015_A2_H03_MR
11490	ZM_015_A2_H04	ZM_015_A2_H04_T7C	
11491	ZM_015_A2_H04		ZM_015_A2_H04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11492	ZM_015_A2_H05	ZM_015_A2_H05_T7C	ZM_015_A2_H05_MR
11493	ZM_015_A2_H05		
11494	ZM_015_A2_H06	ZM_015_A2_H06_T7C	
11495	ZM_015_A2_H07		ZM_015_A2_H07_MR
11496	ZM_015_A2_H08		ZM_015_A2_H08_MR
11497	ZM_015_A2_H09	ZM_015_A2_H09_T7C	
11498	ZM_015_A2_H10	ZM_015_A2_H10_T7C	
11499	ZM_015_A2_H10		ZM_015_A2_H10_MR
11500	ZM_015_A2_H11	ZM_015_A2_H11_T7C	
11501	ZM_015_A2_H11		ZM_015_A2_H11_MR
11502	ZM_015_A2_H12	ZM_015_A2_H12_T7C	
11503	ZM_015_B1_A01	ZM_015_B1_A01_T7C	
11504	ZM_015_B1_A01		ZM_015_B1_A01_MR
11505	ZM_015_B1_A02	ZM_015_B1_A02_T7C	
11506	ZM_015_B1_A02		ZM_015_B1_A02_MR
11507	ZM_015_B1_A03	ZM_015_B1_A03_T7C	
11508	ZM_015_B1_A03		ZM_015_B1_A03_MR
11509	ZM_015_B1_A04	ZM_015_B1_A04_T7C	
11510	ZM_015_B1_A04		ZM_015_B1_A04_MR
11511	ZM_015_B1_A05	ZM_015_B1_A05_T7C	
11512	ZM_015_B1_A05		ZM_015_B1_A05_MR
11513	ZM_015_B1_A06	ZM_015_B1_A06_T7C	
11514	ZM_015_B1_A06		ZM_015_B1_A06_MR
11515	ZM_015_B1_A07	ZM_015_B1_A07_T7C	
11516	ZM_015_B1_A07		ZM_015_B1_A07_MR
11517	ZM_015_B1_A08	ZM_015_B1_A08_T7C	
11518	ZM_015_B1_A08		ZM_015_B1_A08_MR
11519	ZM_015_B1_A09	ZM_015_B1_A09_T7C	
11520	ZM_015_B1_A09		ZM_015_B1_A09_MR
11521	ZM_015_B1_A10	ZM_015_B1_A10_T7C	
11522	ZM_015_B1_A10		ZM_015_B1_A10_MR
11523	ZM_015_B1_A11	ZM_015_B1_A11_T7C	
11524	ZM_015_B1_A11		ZM_015_B1_A11_MR
11525	ZM_015_B1_A12	ZM_015_B1_A12_T7C	
11526	ZM_015_B1_A12		ZM_015_B1_A12_MR
11527	ZM_015_B1_B01	ZM_015_B1_B01_T7C	
11528	ZM_015_B1_B01		ZM_015_B1_B01_MR
11529	ZM_015_B1_B02	ZM_015_B1_B02_T7C	
11530	ZM_015_B1_B02		ZM_015_B1_B02_MR
11531	ZM_015_B1_B03	ZM_015_B1_B03_T7C	
11532	ZM_015_B1_B03		ZM_015_B1_B03_MR
11533	ZM_015_B1_B04	ZM_015_B1_B04_T7C	
11534	ZM_015_B1_B04		ZM_015_B1_B04_MR
11535	ZM_015_B1_B05	ZM_015_B1_B05_T7C	
11536	ZM_015_B1_B05		ZM_015_B1_B05_MR
11537	ZM_015_B1_B06	ZM_015_B1_B06_T7C	
11538	ZM_015_B1_B06		ZM_015_B1_B06_MR
11539	ZM_015_B1_B07	ZM_015_B1_B07_T7C	
11540	ZM_015_B1_B07		ZM_015_B1_B07_MR
11541	ZM_015_B1_B08	ZM_015_B1_B08_T7C	
11542	ZM_015_B1_B08		ZM_015_B1_B08_MR
11543	ZM_015_B1_B09	ZM_015_B1_B09_T7C	
11544	ZM_015_B1_B09		ZM_015_B1_B09_MR
11545	ZM_015_B1_B10	ZM_015_B1_B10_T7C	
11546	ZM_015_B1_B10		ZM_015_B1_B10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11547	ZM_015_B1_B11	ZM_015_B1_B11_T7C	ZM_015_B1_B11_MR
11548	ZM_015_B1_B11		
11549	ZM_015_B1_B12	ZM_015_B1_B12_T7C	ZM_015_B1_B12_MR
11550	ZM_015_B1_B12		
11551	ZM_015_B1_C01	ZM_015_B1_C01_T7C	ZM_015_B1_C01_MR
11552	ZM_015_B1_C01		
11553	ZM_015_B1_C02	ZM_015_B1_C02_T7C	ZM_015_B1_C02_MR
11554	ZM_015_B1_C02		
11555	ZM_015_B1_C03	ZM_015_B1_C03_T7C	ZM_015_B1_C03_MR
11556	ZM_015_B1_C03		
11557	ZM_015_B1_C04	ZM_015_B1_C04_T7C	ZM_015_B1_C04_MR
11558	ZM_015_B1_C04		
11559	ZM_015_B1_C05	ZM_015_B1_C05_T7C	ZM_015_B1_C05_MR
11560	ZM_015_B1_C05		
11561	ZM_015_B1_C06	ZM_015_B1_C06_T7C	ZM_015_B1_C06_MR
11562	ZM_015_B1_C06		
11563	ZM_015_B1_C07	ZM_015_B1_C07_T7C	ZM_015_B1_C07_MR
11564	ZM_015_B1_C07		
11565	ZM_015_B1_C08	ZM_015_B1_C08_T7C	ZM_015_B1_C08_MR
11566	ZM_015_B1_C08		
11567	ZM_015_B1_C09	ZM_015_B1_C09_T7C	ZM_015_B1_C09_MR
11568	ZM_015_B1_C09		
11569	ZM_015_B1_C10	ZM_015_B1_C10_T7C	ZM_015_B1_C10_MR
11570	ZM_015_B1_C10		
11571	ZM_015_B1_C11	ZM_015_B1_C11_T7C	ZM_015_B1_C11_MR
11572	ZM_015_B1_C11		
11573	ZM_015_B1_C12	ZM_015_B1_C12_T7C	ZM_015_B1_C12_MR
11574	ZM_015_B1_C12		
11575	ZM_015_B1_D01	ZM_015_B1_D01_T7C	ZM_015_B1_D01_MR
11576	ZM_015_B1_D01		
11577	ZM_015_B1_D02	ZM_015_B1_D02_T7C	ZM_015_B1_D02_MR
11578	ZM_015_B1_D02		
11579	ZM_015_B1_D03	ZM_015_B1_D03_T7C	ZM_015_B1_D03_MR
11580	ZM_015_B1_D03		
11581	ZM_015_B1_D04	ZM_015_B1_D04_T7C	ZM_015_B1_D04_MR
11582	ZM_015_B1_D04		
11583	ZM_015_B1_D05	ZM_015_B1_D05_T7C	ZM_015_B1_D05_MR
11584	ZM_015_B1_D05		
11585	ZM_015_B1_D06	ZM_015_B1_D06_T7C	ZM_015_B1_D06_MR
11586	ZM_015_B1_D06		
11587	ZM_015_B1_D07	ZM_015_B1_D07_T7C	ZM_015_B1_D07_MR
11588	ZM_015_B1_D07		
11589	ZM_015_B1_D08	ZM_015_B1_D08_T7C	ZM_015_B1_D08_MR
11590	ZM_015_B1_D08		
11591	ZM_015_B1_D09	ZM_015_B1_D09_T7C	ZM_015_B1_D09_MR
11592	ZM_015_B1_D09		
11593	ZM_015_B1_D10	ZM_015_B1_D10_T7C	ZM_015_B1_D10_MR
11594	ZM_015_B1_D10		
11595	ZM_015_B1_D11	ZM_015_B1_D11_T7C	ZM_015_B1_D11_MR
11596	ZM_015_B1_D11		
11597	ZM_015_B1_D12	ZM_015_B1_D12_T7C	ZM_015_B1_D12_MR
11598	ZM_015_B1_D12		
11599	ZM_015_B1_E01	ZM_015_B1_E01_T7C	ZM_015_B1_E01_MR
11600	ZM_015_B1_E01		
11601	ZM_015_B1_E02	ZM_015_B1_E02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11602	ZM_015_B1_E02		ZM_015_B1_E02_MR
11603	ZM_015_B1_E03	ZM_015_B1_E03_T7C	
11604	ZM_015_B1_E03		ZM_015_B1_E03_MR
11605	ZM_015_B1_E04	ZM_015_B1_E04_T7C	
11606	ZM_015_B1_E04		ZM_015_B1_E04_MR
11607	ZM_015_B1_E05	ZM_015_B1_E05_T7C	
11608	ZM_015_B1_E05		ZM_015_B1_E05_MR
11609	ZM_015_B1_E06	ZM_015_B1_E06_T7C	
11610	ZM_015_B1_E06		ZM_015_B1_E06_MR
11611	ZM_015_B1_E07	ZM_015_B1_E07_T7C	
11612	ZM_015_B1_E07		ZM_015_B1_E07_MR
11613	ZM_015_B1_E08	ZM_015_B1_E08_T7C	
11614	ZM_015_B1_E08		ZM_015_B1_E08_MR
11615	ZM_015_B1_E09	ZM_015_B1_E09_T7C	
11616	ZM_015_B1_E09		ZM_015_B1_E09_MR
11617	ZM_015_B1_E10	ZM_015_B1_E10_T7C	
11618	ZM_015_B1_E10		ZM_015_B1_E10_MR
11619	ZM_015_B1_E11	ZM_015_B1_E11_T7C	
11620	ZM_015_B1_E11		ZM_015_B1_E11_MR
11621	ZM_015_B1_E12	ZM_015_B1_E12_T7C	
11622	ZM_015_B1_E12		ZM_015_B1_E12_MR
11623	ZM_015_B1_F01	ZM_015_B1_F01_T7C	
11624	ZM_015_B1_F01		ZM_015_B1_F01_MR
11625	ZM_015_B1_F02	ZM_015_B1_F02_T7C	
11626	ZM_015_B1_F02		ZM_015_B1_F02_MR
11627	ZM_015_B1_F03	ZM_015_B1_F03_T7C	
11628	ZM_015_B1_F03		ZM_015_B1_F03_MR
11629	ZM_015_B1_F04	ZM_015_B1_F04_T7C	
11630	ZM_015_B1_F04		ZM_015_B1_F04_MR
11631	ZM_015_B1_F05	ZM_015_B1_F05_T7C	
11632	ZM_015_B1_F05		ZM_015_B1_F05_MR
11633	ZM_015_B1_F06	ZM_015_B1_F06_T7C	
11634	ZM_015_B1_F06		ZM_015_B1_F06_MR
11635	ZM_015_B1_F08	ZM_015_B1_F08_T7C	
11636	ZM_015_B1_F08		ZM_015_B1_F08_MR
11637	ZM_015_B1_F09	ZM_015_B1_F09_T7C	
11638	ZM_015_B1_F09		ZM_015_B1_F09_MR
11639	ZM_015_B1_F11	ZM_015_B1_F11_T7C	
11640	ZM_015_B1_F11		ZM_015_B1_F11_MR
11641	ZM_015_B1_F12	ZM_015_B1_F12_T7C	
11642	ZM_015_B1_F12		ZM_015_B1_F12_MR
11643	ZM_015_B1_G01		ZM_015_B1_G01_MR
11644	ZM_015_B1_G02	ZM_015_B1_G02_T7C	
11645	ZM_015_B1_G02		ZM_015_B1_G02_MR
11646	ZM_015_B1_G03	ZM_015_B1_G03_T7C	
11647	ZM_015_B1_G03		ZM_015_B1_G03_MR
11648	ZM_015_B1_G04		ZM_015_B1_G04_MR
11649	ZM_015_B1_G05	ZM_015_B1_G05_T7C	
11650	ZM_015_B1_G05		ZM_015_B1_G05_MR
11651	ZM_015_B1_G06	ZM_015_B1_G06_T7C	
11652	ZM_015_B1_G06		ZM_015_B1_G06_MR
11653	ZM_015_B1_G07	ZM_015_B1_G07_T7C	
11654	ZM_015_B1_G07		ZM_015_B1_G07_MR
11655	ZM_015_B1_G08	ZM_015_B1_G08_T7C	
11656	ZM_015_B1_G08		ZM_015_B1_G08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11657	ZM_015_B1_G09	ZM_015_B1_G09_T7C	
11658	ZM_015_B1_G09		ZM_015_B1_G09_MR
11659	ZM_015_B1_G10		ZM_015_B1_G10_MR
11660	ZM_015_B1_G11	ZM_015_B1_G11_T7C	
11661	ZM_015_B1_G11		ZM_015_B1_G11_MR
11662	ZM_015_B1_G12	ZM_015_B1_G12_T7C	
11663	ZM_015_B1_G12		ZM_015_B1_G12_MR
11664	ZM_015_B1_H01	ZM_015_B1_H01_T7C	
11665	ZM_015_B1_H01		ZM_015_B1_H01_MR
11666	ZM_015_B1_H02	ZM_015_B1_H02_T7C	
11667	ZM_015_B1_H02		ZM_015_B1_H02_MR
11668	ZM_015_B1_H03	ZM_015_B1_H03_T7C	
11669	ZM_015_B1_H03		ZM_015_B1_H03_MR
11670	ZM_015_B1_H04	ZM_015_B1_H04_T7C	
11671	ZM_015_B1_H04		ZM_015_B1_H04_MR
11672	ZM_015_B1_H05	ZM_015_B1_H05_T7C	
11673	ZM_015_B1_H05		ZM_015_B1_H05_MR
11674	ZM_015_B1_H06	ZM_015_B1_H06_T7C	
11675	ZM_015_B1_H06		ZM_015_B1_H06_MR
11676	ZM_015_B1_H07	ZM_015_B1_H07_T7C	
11677	ZM_015_B1_H08	ZM_015_B1_H08_T7C	
11678	ZM_015_B1_H08		ZM_015_B1_H08_MR
11679	ZM_015_B1_H09	ZM_015_B1_H09_T7C	
11680	ZM_015_B1_H09		ZM_015_B1_H09_MR
11681	ZM_015_B1_H10	ZM_015_B1_H10_T7C	
11682	ZM_015_B1_H10		ZM_015_B1_H10_MR
11683	ZM_015_B1_H11	ZM_015_B1_H11_T7C	
11684	ZM_015_B1_H11		ZM_015_B1_H11_MR
11685	ZM_015_B1_H12	ZM_015_B1_H12_T7C	
11686	ZM_015_B1_H12		ZM_015_B1_H12_MR
11687	ZM_015_B2_A01	ZM_015_B2_A01_T7C	
11688	ZM_015_B2_A03	ZM_015_B2_A03_T7C	
11689	ZM_015_B2_A04	ZM_015_B2_A04_T7C	
11690	ZM_015_B2_A04		ZM_015_B2_A04_MR
11691	ZM_015_B2_A05	ZM_015_B2_A05_T7C	
11692	ZM_015_B2_A05		ZM_015_B2_A05_MR
11693	ZM_015_B2_A06	ZM_015_B2_A06_T7C	
11694	ZM_015_B2_A06		ZM_015_B2_A06_MR
11695	ZM_015_B2_A07	ZM_015_B2_A07_T7C	
11696	ZM_015_B2_A07		ZM_015_B2_A07_MR
11697	ZM_015_B2_A08	ZM_015_B2_A08_T7C	
11698	ZM_015_B2_A08		ZM_015_B2_A08_MR
11699	ZM_015_B2_A09	ZM_015_B2_A09_T7C	
11700	ZM_015_B2_A09		ZM_015_B2_A09_MR
11701	ZM_015_B2_A10	ZM_015_B2_A10_T7C	
11702	ZM_015_B2_A10		ZM_015_B2_A10_MR
11703	ZM_015_B2_A11	ZM_015_B2_A11_T7C	
11704	ZM_015_B2_A11		ZM_015_B2_A11_MR
11705	ZM_015_B2_A12	ZM_015_B2_A12_T7C	
11706	ZM_015_B2_A12		ZM_015_B2_A12_MR
11707	ZM_015_B2_B01	ZM_015_B2_B01_T7C	
11708	ZM_015_B2_B02	ZM_015_B2_B02_T7C	
11709	ZM_015_B2_B03	ZM_015_B2_B03_T7C	
11710	ZM_015_B2_B03		ZM_015_B2_B03_MR
11711	ZM_015_B2_B04	ZM_015_B2_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11712	ZM_015_B2_B04		ZM_015_B2_B04_MR
11713	ZM_015_B2_B05	ZM_015_B2_B05_T7C	
11714	ZM_015_B2_B05		ZM_015_B2_B05_MR
11715	ZM_015_B2_B06	ZM_015_B2_B06_T7C	
11716	ZM_015_B2_B06		ZM_015_B2_B06_MR
11717	ZM_015_B2_B07	ZM_015_B2_B07_T7C	
11718	ZM_015_B2_B07		ZM_015_B2_B07_MR
11719	ZM_015_B2_B08	ZM_015_B2_B08_T7C	
11720	ZM_015_B2_B08		ZM_015_B2_B08_MR
11721	ZM_015_B2_B09	ZM_015_B2_B09_T7C	
11722	ZM_015_B2_B09		ZM_015_B2_B09_MR
11723	ZM_015_B2_B10	ZM_015_B2_B10_T7C	
11724	ZM_015_B2_B10		ZM_015_B2_B10_MR
11725	ZM_015_B2_B11	ZM_015_B2_B11_T7C	
11726	ZM_015_B2_B11		ZM_015_B2_B11_MR
11727	ZM_015_B2_B12	ZM_015_B2_B12_T7C	
11728	ZM_015_B2_B12		ZM_015_B2_B12_MR
11729	ZM_015_B2_C01	ZM_015_B2_C01_T7C	
11730	ZM_015_B2_C02	ZM_015_B2_C02_T7C	
11731	ZM_015_B2_C02		ZM_015_B2_C02_MR
11732	ZM_015_B2_C03	ZM_015_B2_C03_T7C	
11733	ZM_015_B2_C03		ZM_015_B2_C03_MR
11734	ZM_015_B2_C04	ZM_015_B2_C04_T7C	
11735	ZM_015_B2_C04		ZM_015_B2_C04_MR
11736	ZM_015_B2_C05	ZM_015_B2_C05_T7C	
11737	ZM_015_B2_C05		ZM_015_B2_C05_MR
11738	ZM_015_B2_C06	ZM_015_B2_C06_T7C	
11739	ZM_015_B2_C06		ZM_015_B2_C06_MR
11740	ZM_015_B2_C07	ZM_015_B2_C07_T7C	
11741	ZM_015_B2_C07		ZM_015_B2_C07_MR
11742	ZM_015_B2_C08	ZM_015_B2_C08_T7C	
11743	ZM_015_B2_C08		ZM_015_B2_C08_MR
11744	ZM_015_B2_C09	ZM_015_B2_C09_T7C	
11745	ZM_015_B2_C09		ZM_015_B2_C09_MR
11746	ZM_015_B2_C10	ZM_015_B2_C10_T7C	
11747	ZM_015_B2_C10		ZM_015_B2_C10_MR
11748	ZM_015_B2_C11	ZM_015_B2_C11_T7C	
11749	ZM_015_B2_C11		ZM_015_B2_C11_MR
11750	ZM_015_B2_C12	ZM_015_B2_C12_T7C	
11751	ZM_015_B2_C12		ZM_015_B2_C12_MR
11752	ZM_015_B2_D01	ZM_015_B2_D01_T7C	
11753	ZM_015_B2_D01		ZM_015_B2_D01_MR
11754	ZM_015_B2_D02	ZM_015_B2_D02_T7C	
11755	ZM_015_B2_D02		ZM_015_B2_D02_MR
11756	ZM_015_B2_D03	ZM_015_B2_D03_T7C	
11757	ZM_015_B2_D03		ZM_015_B2_D03_MR
11758	ZM_015_B2_D04	ZM_015_B2_D04_T7C	
11759	ZM_015_B2_D04		ZM_015_B2_D04_MR
11760	ZM_015_B2_D05	ZM_015_B2_D05_T7C	
11761	ZM_015_B2_D05		ZM_015_B2_D05_MR
11762	ZM_015_B2_D06	ZM_015_B2_D06_T7C	
11763	ZM_015_B2_D06		ZM_015_B2_D06_MR
11764	ZM_015_B2_D07	ZM_015_B2_D07_T7C	
11765	ZM_015_B2_D07		ZM_015_B2_D07_MR
11766	ZM_015_B2_D09	ZM_015_B2_D09_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11767	ZM_015_B2_D09		ZM_015_B2_D09_MR
11768	ZM_015_B2_D10		ZM_015_B2_D10_MR
11769	ZM_015_B2_D11	ZM_015_B2_D11_T7C	
11770	ZM_015_B2_D11		ZM_015_B2_D11_MR
11771	ZM_015_B2_D12	ZM_015_B2_D12_T7C	
11772	ZM_015_B2_D12		ZM_015_B2_D12_MR
11773	ZM_015_B2_E01	ZM_015_B2_E01_T7C	
11774	ZM_015_B2_E02	ZM_015_B2_E02_T7C	
11775	ZM_015_B2_E02		ZM_015_B2_E02_MR
11776	ZM_015_B2_E03	ZM_015_B2_E03_T7C	
11777	ZM_015_B2_E03		ZM_015_B2_E03_MR
11778	ZM_015_B2_E04	ZM_015_B2_E04_T7C	
11779	ZM_015_B2_E04		ZM_015_B2_E04_MR
11780	ZM_015_B2_E05	ZM_015_B2_E05_T7C	
11781	ZM_015_B2_E05		ZM_015_B2_E05_MR
11782	ZM_015_B2_E06	ZM_015_B2_E06_T7C	
11783	ZM_015_B2_E06		ZM_015_B2_E06_MR
11784	ZM_015_B2_E07	ZM_015_B2_E07_T7C	
11785	ZM_015_B2_E07		ZM_015_B2_E07_MR
11786	ZM_015_B2_E08	ZM_015_B2_E08_T7C	
11787	ZM_015_B2_E09	ZM_015_B2_E09_T7C	
11788	ZM_015_B2_E09		ZM_015_B2_E09_MR
11789	ZM_015_B2_E10	ZM_015_B2_E10_T7C	
11790	ZM_015_B2_E10		ZM_015_B2_E10_MR
11791	ZM_015_B2_E11	ZM_015_B2_E11_T7C	
11792	ZM_015_B2_E11		ZM_015_B2_E11_MR
11793	ZM_015_B2_E12	ZM_015_B2_E12_T7C	
11794	ZM_015_B2_E12		ZM_015_B2_E12_MR
11795	ZM_015_B2_F01	ZM_015_B2_F01_T7C	
11796	ZM_015_B2_F01		ZM_015_B2_F01_MR
11797	ZM_015_B2_F02	ZM_015_B2_F02_T7C	
11798	ZM_015_B2_F02		ZM_015_B2_F02_MR
11799	ZM_015_B2_F03	ZM_015_B2_F03_T7C	
11800	ZM_015_B2_F03		ZM_015_B2_F03_MR
11801	ZM_015_B2_F04	ZM_015_B2_F04_T7C	
11802	ZM_015_B2_F04		ZM_015_B2_F04_MR
11803	ZM_015_B2_F05	ZM_015_B2_F05_T7C	
11804	ZM_015_B2_F05		ZM_015_B2_F05_MR
11805	ZM_015_B2_F06	ZM_015_B2_F06_T7C	
11806	ZM_015_B2_F06		ZM_015_B2_F06_MR
11807	ZM_015_B2_F07	ZM_015_B2_F07_T7C	
11808	ZM_015_B2_F07		ZM_015_B2_F07_MR
11809	ZM_015_B2_F08	ZM_015_B2_F08_T7C	
11810	ZM_015_B2_F08		ZM_015_B2_F08_MR
11811	ZM_015_B2_F09	ZM_015_B2_F09_T7C	
11812	ZM_015_B2_F09		ZM_015_B2_F09_MR
11813	ZM_015_B2_F10	ZM_015_B2_F10_T7C	
11814	ZM_015_B2_F10		ZM_015_B2_F10_MR
11815	ZM_015_B2_F11	ZM_015_B2_F11_T7C	
11816	ZM_015_B2_F11		ZM_015_B2_F11_MR
11817	ZM_015_B2_F12	ZM_015_B2_F12_T7C	
11818	ZM_015_B2_F12		ZM_015_B2_F12_MR
11819	ZM_015_B2_G01	ZM_015_B2_G01_T7C	
11820	ZM_015_B2_G01		ZM_015_B2_G01_MR
11821	ZM_015_B2_G02	ZM_015_B2_G02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11822	ZM_015_B2_G02		ZM_015_B2_G02_MR
11823	ZM_015_B2_G03	ZM_015_B2_G03_T7C	
11824	ZM_015_B2_G03		ZM_015_B2_G03_MR
11825	ZM_015_B2_G04	ZM_015_B2_G04_T7C	
11826	ZM_015_B2_G04		ZM_015_B2_G04_MR
11827	ZM_015_B2_G05	ZM_015_B2_G05_T7C	
11828	ZM_015_B2_G05		ZM_015_B2_G05_MR
11829	ZM_015_B2_G06	ZM_015_B2_G06_T7C	
11830	ZM_015_B2_G06		ZM_015_B2_G06_MR
11831	ZM_015_B2_G07	ZM_015_B2_G07_T7C	
11832	ZM_015_B2_G07		ZM_015_B2_G07_MR
11833	ZM_015_B2_G08	ZM_015_B2_G08_T7C	
11834	ZM_015_B2_G08		ZM_015_B2_G08_MR
11835	ZM_015_B2_G09	ZM_015_B2_G09_T7C	
11836	ZM_015_B2_G09		ZM_015_B2_G09_MR
11837	ZM_015_B2_G10	ZM_015_B2_G10_T7C	
11838	ZM_015_B2_G10		ZM_015_B2_G10_MR
11839	ZM_015_B2_G11	ZM_015_B2_G11_T7C	
11840	ZM_015_B2_G12	ZM_015_B2_G12_T7C	
11841	ZM_015_B2_H01	ZM_015_B2_H01_T7C	
11842	ZM_015_B2_H02	ZM_015_B2_H02_T7C	
11843	ZM_015_B2_H02		ZM_015_B2_H02_MR
11844	ZM_015_B2_H03	ZM_015_B2_H03_T7C	
11845	ZM_015_B2_H04	ZM_015_B2_H04_T7C	
11846	ZM_015_B2_H04		ZM_015_B2_H04_MR
11847	ZM_015_B2_H05	ZM_015_B2_H05_T7C	
11848	ZM_015_B2_H05		ZM_015_B2_H05_MR
11849	ZM_015_B2_H06	ZM_015_B2_H06_T7C	
11850	ZM_015_B2_H06		ZM_015_B2_H06_MR
11851	ZM_015_B2_H07	ZM_015_B2_H07_T7C	
11852	ZM_015_B2_H08	ZM_015_B2_H08_T7C	
11853	ZM_015_B2_H09	ZM_015_B2_H09_T7C	
11854	ZM_015_B2_H09		ZM_015_B2_H09_MR
11855	ZM_015_B2_H10	ZM_015_B2_H10_T7C	
11856	ZM_015_B2_H10		ZM_015_B2_H10_MR
11857	ZM_015_B2_H11	ZM_015_B2_H11_T7C	
11858	ZM_015_B2_H12	ZM_015_B2_H12_T7C	
11859	ZM_015_B2_H12		ZM_015_B2_H12_MR
11860	ZM_0165_A1_A01	ZM_0165_A1_A01_T7C	
11861	ZM_0165_A1_A09	ZM_0165_A1_A09_T7C	
11862	ZM_0165_A1_A10	ZM_0165_A1_A10_T7C	
11863	ZM_0165_A1_A11	ZM_0165_A1_A11_T7C	
11864	ZM_0165_A1_B01	ZM_0165_A1_B01_T7C	
11865	ZM_0165_A1_B02	ZM_0165_A1_B02_T7C	
11866	ZM_0165_A1_B05	ZM_0165_A1_B05_T7C	
11867	ZM_0165_A1_B07	ZM_0165_A1_B07_T7C	
11868	ZM_0165_A1_B08	ZM_0165_A1_B08_T7C	
11869	ZM_0165_A1_B09	ZM_0165_A1_B09_T7C	
11870	ZM_0165_A1_B10	ZM_0165_A1_B10_T7C	
11871	ZM_0165_A1_C01	ZM_0165_A1_C01_T7C	
11872	ZM_0165_A1_C03	ZM_0165_A1_C03_T7C	
11873	ZM_0165_A1_C04	ZM_0165_A1_C04_T7C	
11874	ZM_0165_A1_C06	ZM_0165_A1_C06_T7C	
11875	ZM_0165_A1_C07	ZM_0165_A1_C07_T7C	
11876	ZM_0165_A1_C08	ZM_0165_A1_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11877	ZM_0165_A1_C09	ZM_0165_A1_C09_T7C	
11878	ZM_0165_A1_C11	ZM_0165_A1_C11_T7C	
11879	ZM_0165_A1_C12	ZM_0165_A1_C12_T7C	
11880	ZM_0165_A1_D01	ZM_0165_A1_D01_T7C	
11881	ZM_0165_A1_D02	ZM_0165_A1_D02_T7C	
11882	ZM_0165_A1_D03	ZM_0165_A1_D03_T7C	
11883	ZM_0165_A1_D04	ZM_0165_A1_D04_T7C	
11884	ZM_0165_A1_D05	ZM_0165_A1_D05_T7C	
11885	ZM_0165_A1_D06	ZM_0165_A1_D06_T7C	
11886	ZM_0165_A1_D07	ZM_0165_A1_D07_T7C	
11887	ZM_0165_A1_D08	ZM_0165_A1_D08_T7C	
11888	ZM_0165_A1_D09	ZM_0165_A1_D09_T7C	
11889	ZM_0165_A1_D10	ZM_0165_A1_D10_T7C	
11890	ZM_0165_A1_D11	ZM_0165_A1_D11_T7C	
11891	ZM_0165_A1_D12	ZM_0165_A1_D12_T7C	
11892	ZM_0165_A1_E01	ZM_0165_A1_E01_T7C	
11893	ZM_0165_A1_E02	ZM_0165_A1_E02_T7C	
11894	ZM_0165_A1_E05	ZM_0165_A1_E05_T7C	
11895	ZM_0165_A1_E06	ZM_0165_A1_E06_T7C	
11896	ZM_0165_A1_E07	ZM_0165_A1_E07_T7C	
11897	ZM_0165_A1_E08	ZM_0165_A1_E08_T7C	
11898	ZM_0165_A1_E09	ZM_0165_A1_E09_T7C	
11899	ZM_0165_A1_E10	ZM_0165_A1_E10_T7C	
11900	ZM_0165_A1_E12	ZM_0165_A1_E12_T7C	
11901	ZM_0165_A1_F01	ZM_0165_A1_F01_T7C	
11902	ZM_0165_A1_F03	ZM_0165_A1_F03_T7C	
11903	ZM_0165_A1_F05	ZM_0165_A1_F05_T7C	
11904	ZM_0165_A1_F07	ZM_0165_A1_F07_T7C	
11905	ZM_0165_A1_F08	ZM_0165_A1_F08_T7C	
11906	ZM_0165_A1_F11	ZM_0165_A1_F11_T7C	
11907	ZM_0165_A1_F12	ZM_0165_A1_F12_T7C	
11908	ZM_0165_A1_G01	ZM_0165_A1_G01_T7C	
11909	ZM_0165_A1_G02	ZM_0165_A1_G02_T7C	
11910	ZM_0165_A1_G03	ZM_0165_A1_G03_T7C	
11911	ZM_0165_A1_G04	ZM_0165_A1_G04_T7C	
11912	ZM_0165_A1_G05	ZM_0165_A1_G05_T7C	
11913	ZM_0165_A1_G06	ZM_0165_A1_G06_T7C	
11914	ZM_0165_A1_G07	ZM_0165_A1_G07_T7C	
11915	ZM_0165_A1_G08	ZM_0165_A1_G08_T7C	
11916	ZM_0165_A1_G09	ZM_0165_A1_G09_T7C	
11917	ZM_0165_A1_G10	ZM_0165_A1_G10_T7C	
11918	ZM_0165_A1_G12	ZM_0165_A1_G12_T7C	
11919	ZM_0165_A1_H01	ZM_0165_A1_H01_T7C	
11920	ZM_0165_A1_H03	ZM_0165_A1_H03_T7C	
11921	ZM_0165_A1_H04	ZM_0165_A1_H04_T7C	
11922	ZM_0165_A1_H05	ZM_0165_A1_H05_T7C	
11923	ZM_0165_A1_H08	ZM_0165_A1_H08_T7C	
11924	ZM_0165_B1_A04	ZM_0165_B1_A04_T7C	
11925	ZM_0165_B1_A08	ZM_0165_B1_A08_T7C	
11926	ZM_0165_B1_A10	ZM_0165_B1_A10_T7C	
11927	ZM_0165_B1_A12	ZM_0165_B1_A12_T7C	
11928	ZM_0165_B1_B01	ZM_0165_B1_B01_T7C	
11929	ZM_0165_B1_B02	ZM_0165_B1_B02_T7C	
11930	ZM_0165_B1_B04	ZM_0165_B1_B04_T7C	
11931	ZM_0165_B1_B05	ZM_0165_B1_B05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11932	ZM_0165_B1_B07	ZM_0165_B1_B07_T7C	
11933	ZM_0165_B1_B08	ZM_0165_B1_B08_T7C	
11934	ZM_0165_B1_B09	ZM_0165_B1_B09_T7C	
11935	ZM_0165_B1_B10	ZM_0165_B1_B10_T7C	
11936	ZM_0165_B1_B12	ZM_0165_B1_B12_T7C	
11937	ZM_0165_B1_C01	ZM_0165_B1_C01_T7C	
11938	ZM_0165_B1_C03	ZM_0165_B1_C03_T7C	
11939	ZM_0165_B1_C04	ZM_0165_B1_C04_T7C	
11940	ZM_0165_B1_C08	ZM_0165_B1_C08_T7C	
11941	ZM_0165_B1_C09	ZM_0165_B1_C09_T7C	
11942	ZM_0165_B1_C10	ZM_0165_B1_C10_T7C	
11943	ZM_0165_B1_C12	ZM_0165_B1_C12_T7C	
11944	ZM_0165_B1_D01	ZM_0165_B1_D01_T7C	
11945	ZM_0165_B1_D03	ZM_0165_B1_D03_T7C	
11946	ZM_0165_B1_D04	ZM_0165_B1_D04_T7C	
11947	ZM_0165_B1_D05	ZM_0165_B1_D05_T7C	
11948	ZM_0165_B1_D07	ZM_0165_B1_D07_T7C	
11949	ZM_0165_B1_D08	ZM_0165_B1_D08_T7C	
11950	ZM_0165_B1_D09	ZM_0165_B1_D09_T7C	
11951	ZM_0165_B1_D10	ZM_0165_B1_D10_T7C	
11952	ZM_0165_B1_D11	ZM_0165_B1_D11_T7C	
11953	ZM_0165_B1_D12	ZM_0165_B1_D12_T7C	
11954	ZM_0165_B1_E03	ZM_0165_B1_E03_T7C	
11955	ZM_0165_B1_E04	ZM_0165_B1_E04_T7C	
11956	ZM_0165_B1_E05	ZM_0165_B1_E05_T7C	
11957	ZM_0165_B1_E06	ZM_0165_B1_E06_T7C	
11958	ZM_0165_B1_E07	ZM_0165_B1_E07_T7C	
11959	ZM_0165_B1_E08	ZM_0165_B1_E08_T7C	
11960	ZM_0165_B1_E10	ZM_0165_B1_E10_T7C	
11961	ZM_0165_B1_E11	ZM_0165_B1_E11_T7C	
11962	ZM_0165_B1_E12	ZM_0165_B1_E12_T7C	
11963	ZM_0165_B1_F03	ZM_0165_B1_F03_T7C	
11964	ZM_0165_B1_F05	ZM_0165_B1_F05_T7C	
11965	ZM_0165_B1_F08	ZM_0165_B1_F08_T7C	
11966	ZM_0165_B1_F09	ZM_0165_B1_F09_T7C	
11967	ZM_0165_B1_F10	ZM_0165_B1_F10_T7C	
11968	ZM_0165_B1_F11	ZM_0165_B1_F11_T7C	
11969	ZM_0165_B1_G01	ZM_0165_B1_G01_T7C	
11970	ZM_0165_B1_G02	ZM_0165_B1_G02_T7C	
11971	ZM_0165_B1_G03	ZM_0165_B1_G03_T7C	
11972	ZM_0165_B1_G04	ZM_0165_B1_G04_T7C	
11973	ZM_0165_B1_G05	ZM_0165_B1_G05_T7C	
11974	ZM_0165_B1_G06	ZM_0165_B1_G06_T7C	
11975	ZM_0165_B1_G07	ZM_0165_B1_G07_T7C	
11976	ZM_0165_B1_G08	ZM_0165_B1_G08_T7C	
11977	ZM_0165_B1_G10	ZM_0165_B1_G10_T7C	
11978	ZM_0165_B1_G11	ZM_0165_B1_G11_T7C	
11979	ZM_0165_B1_G12	ZM_0165_B1_G12_T7C	
11980	ZM_0165_B1_H01	ZM_0165_B1_H01_T7C	
11981	ZM_0165_B1_H02	ZM_0165_B1_H02_T7C	
11982	ZM_0165_B1_H03	ZM_0165_B1_H03_T7C	
11983	ZM_0165_B1_H04	ZM_0165_B1_H04_T7C	
11984	ZM_0165_B1_H06	ZM_0165_B1_H06_T7C	
11985	ZM_0165_B1_H07	ZM_0165_B1_H07_T7C	
11986	ZM_0165_B1_H08	ZM_0165_B1_H08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
11987	ZM_0165_B1_H09	ZM_0165_B1_H09_T7C	
11988	ZM_0165_B1_H10	ZM_0165_B1_H10_T7C	
11989	ZM_0165_B1_H11	ZM_0165_B1_H11_T7C	
11990	ZM_0165_B1_H12	ZM_0165_B1_H12_T7C	
11991	ZM_0166_B2_A01	ZM_0166_B2_A01_T7C	
11992	ZM_0166_B2_A02	ZM_0166_B2_A02_T7C	
11993	ZM_0166_B2_A03	ZM_0166_B2_A03_T7C	
11994	ZM_0166_B2_A04	ZM_0166_B2_A04_T7C	
11995	ZM_0166_B2_A05	ZM_0166_B2_A05_T7C	
11996	ZM_0166_B2_A06	ZM_0166_B2_A06_T7C	
11997	ZM_0166_B2_A07	ZM_0166_B2_A07_T7C	
11998	ZM_0166_B2_A08	ZM_0166_B2_A08_T7C	
11999	ZM_0166_B2_A09	ZM_0166_B2_A09_T7C	
12000	ZM_0166_B2_A10	ZM_0166_B2_A10_T7C	
12001	ZM_0166_B2_A11	ZM_0166_B2_A11_T7C	
12002	ZM_0166_B2_A12	ZM_0166_B2_A12_T7C	
12003	ZM_0166_B2_B01	ZM_0166_B2_B01_T7C	
12004	ZM_0166_B2_B02	ZM_0166_B2_B02_T7C	
12005	ZM_0166_B2_B03	ZM_0166_B2_B03_T7C	
12006	ZM_0166_B2_B04	ZM_0166_B2_B04_T7C	
12007	ZM_0166_B2_B05	ZM_0166_B2_B05_T7C	
12008	ZM_0166_B2_B07	ZM_0166_B2_B07_T7C	
12009	ZM_0166_B2_B08	ZM_0166_B2_B08_T7C	
12010	ZM_0166_B2_B09	ZM_0166_B2_B09_T7C	
12011	ZM_0166_B2_B10	ZM_0166_B2_B10_T7C	
12012	ZM_0166_B2_B11	ZM_0166_B2_B11_T7C	
12013	ZM_0166_B2_B12	ZM_0166_B2_B12_T7C	
12014	ZM_0166_B2_C01	ZM_0166_B2_C01_T7C	
12015	ZM_0166_B2_C02	ZM_0166_B2_C02_T7C	
12016	ZM_0166_B2_C03	ZM_0166_B2_C03_T7C	
12017	ZM_0166_B2_C04	ZM_0166_B2_C04_T7C	
12018	ZM_0166_B2_C05	ZM_0166_B2_C05_T7C	
12019	ZM_0166_B2_C06	ZM_0166_B2_C06_T7C	
12020	ZM_0166_B2_C07	ZM_0166_B2_C07_T7C	
12021	ZM_0166_B2_C08	ZM_0166_B2_C08_T7C	
12022	ZM_0166_B2_C09	ZM_0166_B2_C09_T7C	
12023	ZM_0166_B2_C10	ZM_0166_B2_C10_T7C	
12024	ZM_0166_B2_C11	ZM_0166_B2_C11_T7C	
12025	ZM_0166_B2_D01	ZM_0166_B2_D01_T7C	
12026	ZM_0166_B2_D02	ZM_0166_B2_D02_T7C	
12027	ZM_0166_B2_D03	ZM_0166_B2_D03_T7C	
12028	ZM_0166_B2_D04	ZM_0166_B2_D04_T7C	
12029	ZM_0166_B2_D05	ZM_0166_B2_D05_T7C	
12030	ZM_0166_B2_D06	ZM_0166_B2_D06_T7C	
12031	ZM_0166_B2_D07	ZM_0166_B2_D07_T7C	
12032	ZM_0166_B2_D08	ZM_0166_B2_D08_T7C	
12033	ZM_0166_B2_D09	ZM_0166_B2_D09_T7C	
12034	ZM_0166_B2_D10	ZM_0166_B2_D10_T7C	
12035	ZM_0166_B2_D12	ZM_0166_B2_D12_T7C	
12036	ZM_0166_B2_E01	ZM_0166_B2_E01_T7C	
12037	ZM_0166_B2_E02	ZM_0166_B2_E02_T7C	
12038	ZM_0166_B2_E03	ZM_0166_B2_E03_T7C	
12039	ZM_0166_B2_E04	ZM_0166_B2_E04_T7C	
12040	ZM_0166_B2_E05	ZM_0166_B2_E05_T7C	
12041	ZM_0166_B2_E06	ZM_0166_B2_E06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12042	ZM_0166_B2_E07	ZM_0166_B2_E07_T7C	
12043	ZM_0166_B2_E08	ZM_0166_B2_E08_T7C	
12044	ZM_0166_B2_E09	ZM_0166_B2_E09_T7C	
12045	ZM_0166_B2_E10	ZM_0166_B2_E10_T7C	
12046	ZM_0166_B2_E11	ZM_0166_B2_E11_T7C	
12047	ZM_0166_B2_E12	ZM_0166_B2_E12_T7C	
12048	ZM_0166_B2_F01	ZM_0166_B2_F01_T7C	
12049	ZM_0166_B2_F02	ZM_0166_B2_F02_T7C	
12050	ZM_0166_B2_F03	ZM_0166_B2_F03_T7C	
12051	ZM_0166_B2_F05	ZM_0166_B2_F05_T7C	
12052	ZM_0166_B2_F06	ZM_0166_B2_F06_T7C	
12053	ZM_0166_B2_F07	ZM_0166_B2_F07_T7C	
12054	ZM_0166_B2_F08	ZM_0166_B2_F08_T7C	
12055	ZM_0166_B2_F09	ZM_0166_B2_F09_T7C	
12056	ZM_0166_B2_F10	ZM_0166_B2_F10_T7C	
12057	ZM_0166_B2_F11	ZM_0166_B2_F11_T7C	
12058	ZM_0166_B2_F12	ZM_0166_B2_F12_T7C	
12059	ZM_0166_B2_G01	ZM_0166_B2_G01_T7C	
12060	ZM_0166_B2_G02	ZM_0166_B2_G02_T7C	
12061	ZM_0166_B2_G03	ZM_0166_B2_G03_T7C	
12062	ZM_0166_B2_G04	ZM_0166_B2_G04_T7C	
12063	ZM_0166_B2_G05	ZM_0166_B2_G05_T7C	
12064	ZM_0166_B2_G06	ZM_0166_B2_G06_T7C	
12065	ZM_0166_B2_G07	ZM_0166_B2_G07_T7C	
12066	ZM_0166_B2_G08	ZM_0166_B2_G08_T7C	
12067	ZM_0166_B2_G09	ZM_0166_B2_G09_T7C	
12068	ZM_0166_B2_G10	ZM_0166_B2_G10_T7C	
12069	ZM_0166_B2_G11	ZM_0166_B2_G11_T7C	
12070	ZM_0166_B2_G12	ZM_0166_B2_G12_T7C	
12071	ZM_0166_B2_H01	ZM_0166_B2_H01_T7C	
12072	ZM_0166_B2_H02	ZM_0166_B2_H02_T7C	
12073	ZM_0166_B2_H03	ZM_0166_B2_H03_T7C	
12074	ZM_0166_B2_H04	ZM_0166_B2_H04_T7C	
12075	ZM_0166_B2_H05	ZM_0166_B2_H05_T7C	
12076	ZM_0166_B2_H06	ZM_0166_B2_H06_T7C	
12077	ZM_0166_B2_H07	ZM_0166_B2_H07_T7C	
12078	ZM_0166_B2_H08	ZM_0166_B2_H08_T7C	
12079	ZM_0166_B2_H09	ZM_0166_B2_H09_T7C	
12080	ZM_0166_B2_H10	ZM_0166_B2_H10_T7C	
12081	ZM_0166_B2_H11	ZM_0166_B2_H11_T7C	
12082	ZM_0166_B2_H12	ZM_0166_B2_H12_T7C	
12083	ZM_0167_A1_A01	ZM_0167_A1_A01_T7C	
12084	ZM_0167_A1_A02	ZM_0167_A1_A02_T7C	
12085	ZM_0167_A1_A07	ZM_0167_A1_A07_T7C	
12086	ZM_0167_A1_A10	ZM_0167_A1_A10_T7C	
12087	ZM_0167_A1_B01	ZM_0167_A1_B01_T7C	
12088	ZM_0167_A1_B02	ZM_0167_A1_B02_T7C	
12089	ZM_0167_A1_B06	ZM_0167_A1_B06_T7C	
12090	ZM_0167_A1_B07	ZM_0167_A1_B07_T7C	
12091	ZM_0167_A1_B08	ZM_0167_A1_B08_T7C	
12092	ZM_0167_A1_B09	ZM_0167_A1_B09_T7C	
12093	ZM_0167_A1_B10	ZM_0167_A1_B10_T7C	
12094	ZM_0167_A1_B11	ZM_0167_A1_B11_T7C	
12095	ZM_0167_A1_B12	ZM_0167_A1_B12_T7C	
12096	ZM_0167_A1_C01	ZM_0167_A1_C01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12097	ZM_0167_A1_C02	ZM_0167_A1_C02_T7C	
12098	ZM_0167_A1_C03	ZM_0167_A1_C03_T7C	
12099	ZM_0167_A1_C04	ZM_0167_A1_C04_T7C	
12100	ZM_0167_A1_C05	ZM_0167_A1_C05_T7C	
12101	ZM_0167_A1_C06	ZM_0167_A1_C06_T7C	
12102	ZM_0167_A1_C07	ZM_0167_A1_C07_T7C	
12103	ZM_0167_A1_C08	ZM_0167_A1_C08_T7C	
12104	ZM_0167_A1_C09	ZM_0167_A1_C09_T7C	
12105	ZM_0167_A1_C10	ZM_0167_A1_C10_T7C	
12106	ZM_0167_A1_C11	ZM_0167_A1_C11_T7C	
12107	ZM_0167_A1_C12	ZM_0167_A1_C12_T7C	
12108	ZM_0167_A1_D01	ZM_0167_A1_D01_T7C	
12109	ZM_0167_A1_D02	ZM_0167_A1_D02_T7C	
12110	ZM_0167_A1_D03	ZM_0167_A1_D03_T7C	
12111	ZM_0167_A1_D04	ZM_0167_A1_D04_T7C	
12112	ZM_0167_A1_D05	ZM_0167_A1_D05_T7C	
12113	ZM_0167_A1_D06	ZM_0167_A1_D06_T7C	
12114	ZM_0167_A1_D08	ZM_0167_A1_D08_T7C	
12115	ZM_0167_A1_D09	ZM_0167_A1_D09_T7C	
12116	ZM_0167_A1_D10	ZM_0167_A1_D10_T7C	
12117	ZM_0167_A1_D11	ZM_0167_A1_D11_T7C	
12118	ZM_0167_A1_D12	ZM_0167_A1_D12_T7C	
12119	ZM_0167_A1_E01	ZM_0167_A1_E01_T7C	
12120	ZM_0167_A1_E03	ZM_0167_A1_E03_T7C	
12121	ZM_0167_A1_E04	ZM_0167_A1_E04_T7C	
12122	ZM_0167_A1_E05	ZM_0167_A1_E05_T7C	
12123	ZM_0167_A1_E06	ZM_0167_A1_E06_T7C	
12124	ZM_0167_A1_E07	ZM_0167_A1_E07_T7C	
12125	ZM_0167_A1_E08	ZM_0167_A1_E08_T7C	
12126	ZM_0167_A1_E09	ZM_0167_A1_E09_T7C	
12127	ZM_0167_A1_E10	ZM_0167_A1_E10_T7C	
12128	ZM_0167_A1_E11	ZM_0167_A1_E11_T7C	
12129	ZM_0167_A1_E12	ZM_0167_A1_E12_T7C	
12130	ZM_0167_A1_F01	ZM_0167_A1_F01_T7C	
12131	ZM_0167_A1_F02	ZM_0167_A1_F02_T7C	
12132	ZM_0167_A1_F03	ZM_0167_A1_F03_T7C	
12133	ZM_0167_A1_F04	ZM_0167_A1_F04_T7C	
12134	ZM_0167_A1_F05	ZM_0167_A1_F05_T7C	
12135	ZM_0167_A1_F06	ZM_0167_A1_F06_T7C	
12136	ZM_0167_A1_F07	ZM_0167_A1_F07_T7C	
12137	ZM_0167_A1_F08	ZM_0167_A1_F08_T7C	
12138	ZM_0167_A1_F09	ZM_0167_A1_F09_T7C	
12139	ZM_0167_A1_F10	ZM_0167_A1_F10_T7C	
12140	ZM_0167_A1_F11	ZM_0167_A1_F11_T7C	
12141	ZM_0167_A1_F12	ZM_0167_A1_F12_T7C	
12142	ZM_0167_A1_G01	ZM_0167_A1_G01_T7C	
12143	ZM_0167_A1_G02	ZM_0167_A1_G02_T7C	
12144	ZM_0167_A1_G03	ZM_0167_A1_G03_T7C	
12145	ZM_0167_A1_G04	ZM_0167_A1_G04_T7C	
12146	ZM_0167_A1_G05	ZM_0167_A1_G05_T7C	
12147	ZM_0167_A1_G07	ZM_0167_A1_G07_T7C	
12148	ZM_0167_A1_G08	ZM_0167_A1_G08_T7C	
12149	ZM_0167_A1_G10	ZM_0167_A1_G10_T7C	
12150	ZM_0167_A1_G11	ZM_0167_A1_G11_T7C	
12151	ZM_0167_A1_H02	ZM_0167_A1_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12152	ZM_0167_A1_H03	ZM_0167_A1_H03_T7C	
12153	ZM_0167_A1_H04	ZM_0167_A1_H04_T7C	
12154	ZM_0167_A1_H05	ZM_0167_A1_H05_T7C	
12155	ZM_0167_A1_H06	ZM_0167_A1_H06_T7C	
12156	ZM_0167_A1_H07	ZM_0167_A1_H07_T7C	
12157	ZM_0167_A1_H08	ZM_0167_A1_H08_T7C	
12158	ZM_0167_A1_H10	ZM_0167_A1_H10_T7C	
12159	ZM_0167_A1_H11	ZM_0167_A1_H11_T7C	
12160	ZM_0167_A1_H12	ZM_0167_A1_H12_T7C	
12161	ZM_0167_B1_A01	ZM_0167_B1_A01_T7C	
12162	ZM_0167_B1_A02	ZM_0167_B1_A02_T7C	
12163	ZM_0167_B1_A03	ZM_0167_B1_A03_T7C	
12164	ZM_0167_B1_A04	ZM_0167_B1_A04_T7C	
12165	ZM_0167_B1_A05	ZM_0167_B1_A05_T7C	
12166	ZM_0167_B1_A06	ZM_0167_B1_A06_T7C	
12167	ZM_0167_B1_A07	ZM_0167_B1_A07_T7C	
12168	ZM_0167_B1_A08	ZM_0167_B1_A08_T7C	
12169	ZM_0167_B1_A09	ZM_0167_B1_A09_T7C	
12170	ZM_0167_B1_A10	ZM_0167_B1_A10_T7C	
12171	ZM_0167_B1_A11	ZM_0167_B1_A11_T7C	
12172	ZM_0167_B1_A12	ZM_0167_B1_A12_T7C	
12173	ZM_0167_B1_B02	ZM_0167_B1_B02_T7C	
12174	ZM_0167_B1_B03	ZM_0167_B1_B03_T7C	
12175	ZM_0167_B1_B04	ZM_0167_B1_B04_T7C	
12176	ZM_0167_B1_B05	ZM_0167_B1_B05_T7C	
12177	ZM_0167_B1_B06	ZM_0167_B1_B06_T7C	
12178	ZM_0167_B1_B07	ZM_0167_B1_B07_T7C	
12179	ZM_0167_B1_B09	ZM_0167_B1_B09_T7C	
12180	ZM_0167_B1_B10	ZM_0167_B1_B10_T7C	
12181	ZM_0167_B1_B12	ZM_0167_B1_B12_T7C	
12182	ZM_0167_B1_C02	ZM_0167_B1_C02_T7C	
12183	ZM_0167_B1_C03	ZM_0167_B1_C03_T7C	
12184	ZM_0167_B1_C04	ZM_0167_B1_C04_T7C	
12185	ZM_0167_B1_C05	ZM_0167_B1_C05_T7C	
12186	ZM_0167_B1_C06	ZM_0167_B1_C06_T7C	
12187	ZM_0167_B1_C07	ZM_0167_B1_C07_T7C	
12188	ZM_0167_B1_C08	ZM_0167_B1_C08_T7C	
12189	ZM_0167_B1_C09	ZM_0167_B1_C09_T7C	
12190	ZM_0167_B1_C10	ZM_0167_B1_C10_T7C	
12191	ZM_0167_B1_C11	ZM_0167_B1_C11_T7C	
12192	ZM_0167_B1_C12	ZM_0167_B1_C12_T7C	
12193	ZM_0167_B1_D01	ZM_0167_B1_D01_T7C	
12194	ZM_0167_B1_D02	ZM_0167_B1_D02_T7C	
12195	ZM_0167_B1_D03	ZM_0167_B1_D03_T7C	
12196	ZM_0167_B1_D04	ZM_0167_B1_D04_T7C	
12197	ZM_0167_B1_D05	ZM_0167_B1_D05_T7C	
12198	ZM_0167_B1_D06	ZM_0167_B1_D06_T7C	
12199	ZM_0167_B1_D07	ZM_0167_B1_D07_T7C	
12200	ZM_0167_B1_D08	ZM_0167_B1_D08_T7C	
12201	ZM_0167_B1_D09	ZM_0167_B1_D09_T7C	
12202	ZM_0167_B1_D10	ZM_0167_B1_D10_T7C	
12203	ZM_0167_B1_D12	ZM_0167_B1_D12_T7C	
12204	ZM_0167_B1_E01	ZM_0167_B1_E01_T7C	
12205	ZM_0167_B1_E02	ZM_0167_B1_E02_T7C	
12206	ZM_0167_B1_E03	ZM_0167_B1_E03_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12207	ZM_0167_B1_E05	ZM_0167_B1_E05_T7C	
12208	ZM_0167_B1_E06	ZM_0167_B1_E06_T7C	
12209	ZM_0167_B1_E07	ZM_0167_B1_E07_T7C	
12210	ZM_0167_B1_E08	ZM_0167_B1_E08_T7C	
12211	ZM_0167_B1_E09	ZM_0167_B1_E09_T7C	
12212	ZM_0167_B1_E10	ZM_0167_B1_E10_T7C	
12213	ZM_0167_B1_E12	ZM_0167_B1_E12_T7C	
12214	ZM_0167_B1_F01	ZM_0167_B1_F01_T7C	
12215	ZM_0167_B1_F02	ZM_0167_B1_F02_T7C	
12216	ZM_0167_B1_F03	ZM_0167_B1_F03_T7C	
12217	ZM_0167_B1_F04	ZM_0167_B1_F04_T7C	
12218	ZM_0167_B1_F05	ZM_0167_B1_F05_T7C	
12219	ZM_0167_B1_F06	ZM_0167_B1_F06_T7C	
12220	ZM_0167_B1_F07	ZM_0167_B1_F07_T7C	
12221	ZM_0167_B1_F08	ZM_0167_B1_F08_T7C	
12222	ZM_0167_B1_F09	ZM_0167_B1_F09_T7C	
12223	ZM_0167_B1_F10	ZM_0167_B1_F10_T7C	
12224	ZM_0167_B1_F11	ZM_0167_B1_F11_T7C	
12225	ZM_0167_B1_F12	ZM_0167_B1_F12_T7C	
12226	ZM_0167_B1_G01	ZM_0167_B1_G01_T7C	
12227	ZM_0167_B1_G02	ZM_0167_B1_G02_T7C	
12228	ZM_0167_B1_G03	ZM_0167_B1_G03_T7C	
12229	ZM_0167_B1_G06	ZM_0167_B1_G06_T7C	
12230	ZM_0167_B1_G07	ZM_0167_B1_G07_T7C	
12231	ZM_0167_B1_G08	ZM_0167_B1_G08_T7C	
12232	ZM_0167_B1_G09	ZM_0167_B1_G09_T7C	
12233	ZM_0167_B1_G10	ZM_0167_B1_G10_T7C	
12234	ZM_0167_B1_G11	ZM_0167_B1_G11_T7C	
12235	ZM_0167_B1_G12	ZM_0167_B1_G12_T7C	
12236	ZM_0167_B1_H02	ZM_0167_B1_H02_T7C	
12237	ZM_0167_B1_H03	ZM_0167_B1_H03_T7C	
12238	ZM_0167_B1_H04	ZM_0167_B1_H04_T7C	
12239	ZM_0167_B1_H05	ZM_0167_B1_H05_T7C	
12240	ZM_0167_B1_H06	ZM_0167_B1_H06_T7C	
12241	ZM_0167_B1_H08	ZM_0167_B1_H08_T7C	
12242	ZM_0167_B1_H09	ZM_0167_B1_H09_T7C	
12243	ZM_0167_B1_H10	ZM_0167_B1_H10_T7C	
12244	ZM_0167_B1_H11	ZM_0167_B1_H11_T7C	
12245	ZM_0167_B1_H12	ZM_0167_B1_H12_T7C	
12246	ZM_0167_B2_A02	ZM_0167_B2_A02_T7C	
12247	ZM_0167_B2_A03	ZM_0167_B2_A03_T7C	
12248	ZM_0167_B2_A04	ZM_0167_B2_A04_T7C	
12249	ZM_0167_B2_A05	ZM_0167_B2_A05_T7C	
12250	ZM_0167_B2_A06	ZM_0167_B2_A06_T7C	
12251	ZM_0167_B2_A07	ZM_0167_B2_A07_T7C	
12252	ZM_0167_B2_A09	ZM_0167_B2_A09_T7C	
12253	ZM_0167_B2_A10	ZM_0167_B2_A10_T7C	
12254	ZM_0167_B2_A11	ZM_0167_B2_A11_T7C	
12255	ZM_0167_B2_A12	ZM_0167_B2_A12_T7C	
12256	ZM_0167_B2_B01	ZM_0167_B2_B01_T7C	
12257	ZM_0167_B2_B02	ZM_0167_B2_B02_T7C	
12258	ZM_0167_B2_B03	ZM_0167_B2_B03_T7C	
12259	ZM_0167_B2_B04	ZM_0167_B2_B04_T7C	
12260	ZM_0167_B2_B05	ZM_0167_B2_B05_T7C	
12261	ZM_0167_B2_B06	ZM_0167_B2_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12262	ZM_0167_B2_B07	ZM_0167_B2_B07_T7C	
12263	ZM_0167_B2_B08	ZM_0167_B2_B08_T7C	
12264	ZM_0167_B2_B09	ZM_0167_B2_B09_T7C	
12265	ZM_0167_B2_B11	ZM_0167_B2_B11_T7C	
12266	ZM_0167_B2_B12	ZM_0167_B2_B12_T7C	
12267	ZM_0167_B2_C01	ZM_0167_B2_C01_T7C	
12268	ZM_0167_B2_C02	ZM_0167_B2_C02_T7C	
12269	ZM_0167_B2_C04	ZM_0167_B2_C04_T7C	
12270	ZM_0167_B2_C05	ZM_0167_B2_C05_T7C	
12271	ZM_0167_B2_C06	ZM_0167_B2_C06_T7C	
12272	ZM_0167_B2_C07	ZM_0167_B2_C07_T7C	
12273	ZM_0167_B2_C08	ZM_0167_B2_C08_T7C	
12274	ZM_0167_B2_C09	ZM_0167_B2_C09_T7C	
12275	ZM_0167_B2_C10	ZM_0167_B2_C10_T7C	
12276	ZM_0167_B2_C11	ZM_0167_B2_C11_T7C	
12277	ZM_0167_B2_C12	ZM_0167_B2_C12_T7C	
12278	ZM_0167_B2_D01	ZM_0167_B2_D01_T7C	
12279	ZM_0167_B2_D02	ZM_0167_B2_D02_T7C	
12280	ZM_0167_B2_D03	ZM_0167_B2_D03_T7C	
12281	ZM_0167_B2_D04	ZM_0167_B2_D04_T7C	
12282	ZM_0167_B2_D05	ZM_0167_B2_D05_T7C	
12283	ZM_0167_B2_D06	ZM_0167_B2_D06_T7C	
12284	ZM_0167_B2_D07	ZM_0167_B2_D07_T7C	
12285	ZM_0167_B2_D08	ZM_0167_B2_D08_T7C	
12286	ZM_0167_B2_D09	ZM_0167_B2_D09_T7C	
12287	ZM_0167_B2_D10	ZM_0167_B2_D10_T7C	
12288	ZM_0167_B2_D11	ZM_0167_B2_D11_T7C	
12289	ZM_0167_B2_D12	ZM_0167_B2_D12_T7C	
12290	ZM_0167_B2_E01	ZM_0167_B2_E01_T7C	
12291	ZM_0167_B2_E02	ZM_0167_B2_E02_T7C	
12292	ZM_0167_B2_E03	ZM_0167_B2_E03_T7C	
12293	ZM_0167_B2_E04	ZM_0167_B2_E04_T7C	
12294	ZM_0167_B2_E05	ZM_0167_B2_E05_T7C	
12295	ZM_0167_B2_E06	ZM_0167_B2_E06_T7C	
12296	ZM_0167_B2_E07	ZM_0167_B2_E07_T7C	
12297	ZM_0167_B2_E08	ZM_0167_B2_E08_T7C	
12298	ZM_0167_B2_E09	ZM_0167_B2_E09_T7C	
12299	ZM_0167_B2_E10	ZM_0167_B2_E10_T7C	
12300	ZM_0167_B2_E11	ZM_0167_B2_E11_T7C	
12301	ZM_0167_B2_E12	ZM_0167_B2_E12_T7C	
12302	ZM_0167_B2_F01	ZM_0167_B2_F01_T7C	
12303	ZM_0167_B2_F02	ZM_0167_B2_F02_T7C	
12304	ZM_0167_B2_F03	ZM_0167_B2_F03_T7C	
12305	ZM_0167_B2_F04	ZM_0167_B2_F04_T7C	
12306	ZM_0167_B2_F05	ZM_0167_B2_F05_T7C	
12307	ZM_0167_B2_F06	ZM_0167_B2_F06_T7C	
12308	ZM_0167_B2_F07	ZM_0167_B2_F07_T7C	
12309	ZM_0167_B2_F08	ZM_0167_B2_F08_T7C	
12310	ZM_0167_B2_F09	ZM_0167_B2_F09_T7C	
12311	ZM_0167_B2_F10	ZM_0167_B2_F10_T7C	
12312	ZM_0167_B2_F11	ZM_0167_B2_F11_T7C	
12313	ZM_0167_B2_F12	ZM_0167_B2_F12_T7C	
12314	ZM_0167_B2_G01	ZM_0167_B2_G01_T7C	
12315	ZM_0167_B2_G02	ZM_0167_B2_G02_T7C	
12316	ZM_0167_B2_G03	ZM_0167_B2_G03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12317	ZM_0167_B2_G04	ZM_0167_B2_G04_T7C	
12318	ZM_0167_B2_G05	ZM_0167_B2_G05_T7C	
12319	ZM_0167_B2_G06	ZM_0167_B2_G06_T7C	
12320	ZM_0167_B2_G07	ZM_0167_B2_G07_T7C	
12321	ZM_0167_B2_G08	ZM_0167_B2_G08_T7C	
12322	ZM_0167_B2_G09	ZM_0167_B2_G09_T7C	
12323	ZM_0167_B2_G10	ZM_0167_B2_G10_T7C	
12324	ZM_0167_B2_G11	ZM_0167_B2_G11_T7C	
12325	ZM_0167_B2_G12	ZM_0167_B2_G12_T7C	
12326	ZM_0167_B2_H01	ZM_0167_B2_H01_T7C	
12327	ZM_0167_B2_H02	ZM_0167_B2_H02_T7C	
12328	ZM_0167_B2_H03	ZM_0167_B2_H03_T7C	
12329	ZM_0167_B2_H04	ZM_0167_B2_H04_T7C	
12330	ZM_0167_B2_H05	ZM_0167_B2_H05_T7C	
12331	ZM_0167_B2_H06	ZM_0167_B2_H06_T7C	
12332	ZM_0167_B2_H07	ZM_0167_B2_H07_T7C	
12333	ZM_0167_B2_H08	ZM_0167_B2_H08_T7C	
12334	ZM_0167_B2_H09	ZM_0167_B2_H09_T7C	
12335	ZM_0167_B2_H10	ZM_0167_B2_H10_T7C	
12336	ZM_0167_B2_H11	ZM_0167_B2_H11_T7C	
12337	ZM_0167_B2_H12	ZM_0167_B2_H12_T7C	
12338	ZM_0168_A1_A01	ZM_0168_A1_A01_T7C	
12339	ZM_0168_A1_A02	ZM_0168_A1_A02_T7C	
12340	ZM_0168_A1_A03	ZM_0168_A1_A03_T7C	
12341	ZM_0168_A1_A04	ZM_0168_A1_A04_T7C	
12342	ZM_0168_A1_A05	ZM_0168_A1_A05_T7C	
12343	ZM_0168_A1_A06	ZM_0168_A1_A06_T7C	
12344	ZM_0168_A1_A07	ZM_0168_A1_A07_T7C	
12345	ZM_0168_A1_A08	ZM_0168_A1_A08_T7C	
12346	ZM_0168_A1_A09	ZM_0168_A1_A09_T7C	
12347	ZM_0168_A1_A10	ZM_0168_A1_A10_T7C	
12348	ZM_0168_A1_A11	ZM_0168_A1_A11_T7C	
12349	ZM_0168_A1_A12	ZM_0168_A1_A12_T7C	
12350	ZM_0168_A1_B01	ZM_0168_A1_B01_T7C	
12351	ZM_0168_A1_B02	ZM_0168_A1_B02_T7C	
12352	ZM_0168_A1_B03	ZM_0168_A1_B03_T7C	
12353	ZM_0168_A1_B04	ZM_0168_A1_B04_T7C	
12354	ZM_0168_A1_B05	ZM_0168_A1_B05_T7C	
12355	ZM_0168_A1_B06	ZM_0168_A1_B06_T7C	
12356	ZM_0168_A1_B07	ZM_0168_A1_B07_T7C	
12357	ZM_0168_A1_B08	ZM_0168_A1_B08_T7C	
12358	ZM_0168_A1_B09	ZM_0168_A1_B09_T7C	
12359	ZM_0168_A1_B10	ZM_0168_A1_B10_T7C	
12360	ZM_0168_A1_B11	ZM_0168_A1_B11_T7C	
12361	ZM_0168_A1_B12	ZM_0168_A1_B12_T7C	
12362	ZM_0168_A1_C03	ZM_0168_A1_C03_T7C	
12363	ZM_0168_A1_C04	ZM_0168_A1_C04_T7C	
12364	ZM_0168_A1_C06	ZM_0168_A1_C06_T7C	
12365	ZM_0168_A1_C07	ZM_0168_A1_C07_T7C	
12366	ZM_0168_A1_C08	ZM_0168_A1_C08_T7C	
12367	ZM_0168_A1_C09	ZM_0168_A1_C09_T7C	
12368	ZM_0168_A1_C10	ZM_0168_A1_C10_T7C	
12369	ZM_0168_A1_C11	ZM_0168_A1_C11_T7C	
12370	ZM_0168_A1_C12	ZM_0168_A1_C12_T7C	
12371	ZM_0168_A1_D01	ZM_0168_A1_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12372	ZM_0168_A1_D02	ZM_0168_A1_D02_T7C	
12373	ZM_0168_A1_D03	ZM_0168_A1_D03_T7C	
12374	ZM_0168_A1_D04	ZM_0168_A1_D04_T7C	
12375	ZM_0168_A1_D05	ZM_0168_A1_D05_T7C	
12376	ZM_0168_A1_D06	ZM_0168_A1_D06_T7C	
12377	ZM_0168_A1_D07	ZM_0168_A1_D07_T7C	
12378	ZM_0168_A1_D08	ZM_0168_A1_D08_T7C	
12379	ZM_0168_A1_D09	ZM_0168_A1_D09_T7C	
12380	ZM_0168_A1_D10	ZM_0168_A1_D10_T7C	
12381	ZM_0168_A1_D11	ZM_0168_A1_D11_T7C	
12382	ZM_0168_A1_D12	ZM_0168_A1_D12_T7C	
12383	ZM_0168_A1_E02	ZM_0168_A1_E02_T7C	
12384	ZM_0168_A1_E03	ZM_0168_A1_E03_T7C	
12385	ZM_0168_A1_E04	ZM_0168_A1_E04_T7C	
12386	ZM_0168_A1_E05	ZM_0168_A1_E05_T7C	
12387	ZM_0168_A1_E06	ZM_0168_A1_E06_T7C	
12388	ZM_0168_A1_E07	ZM_0168_A1_E07_T7C	
12389	ZM_0168_A1_E08	ZM_0168_A1_E08_T7C	
12390	ZM_0168_A1_E10	ZM_0168_A1_E10_T7C	
12391	ZM_0168_A1_E11	ZM_0168_A1_E11_T7C	
12392	ZM_0168_A1_E12	ZM_0168_A1_E12_T7C	
12393	ZM_0168_A1_F01	ZM_0168_A1_F01_T7C	
12394	ZM_0168_A1_F02	ZM_0168_A1_F02_T7C	
12395	ZM_0168_A1_F03	ZM_0168_A1_F03_T7C	
12396	ZM_0168_A1_F04	ZM_0168_A1_F04_T7C	
12397	ZM_0168_A1_F05	ZM_0168_A1_F05_T7C	
12398	ZM_0168_A1_F06	ZM_0168_A1_F06_T7C	
12399	ZM_0168_A1_F07	ZM_0168_A1_F07_T7C	
12400	ZM_0168_A1_F08	ZM_0168_A1_F08_T7C	
12401	ZM_0168_A1_F09	ZM_0168_A1_F09_T7C	
12402	ZM_0168_A1_F10	ZM_0168_A1_F10_T7C	
12403	ZM_0168_A1_F11	ZM_0168_A1_F11_T7C	
12404	ZM_0168_A1_G01	ZM_0168_A1_G01_T7C	
12405	ZM_0168_A1_G02	ZM_0168_A1_G02_T7C	
12406	ZM_0168_A1_G04	ZM_0168_A1_G04_T7C	
12407	ZM_0168_A1_G05	ZM_0168_A1_G05_T7C	
12408	ZM_0168_A1_G06	ZM_0168_A1_G06_T7C	
12409	ZM_0168_A1_G07	ZM_0168_A1_G07_T7C	
12410	ZM_0168_A1_G08	ZM_0168_A1_G08_T7C	
12411	ZM_0168_A1_G09	ZM_0168_A1_G09_T7C	
12412	ZM_0168_A1_G10	ZM_0168_A1_G10_T7C	
12413	ZM_0168_A1_G11	ZM_0168_A1_G11_T7C	
12414	ZM_0168_A1_G12	ZM_0168_A1_G12_T7C	
12415	ZM_0168_A1_H01	ZM_0168_A1_H01_T7C	
12416	ZM_0168_A1_H02	ZM_0168_A1_H02_T7C	
12417	ZM_0168_A1_H03	ZM_0168_A1_H03_T7C	
12418	ZM_0168_A1_H04	ZM_0168_A1_H04_T7C	
12419	ZM_0168_A1_H05	ZM_0168_A1_H05_T7C	
12420	ZM_0168_A1_H06	ZM_0168_A1_H06_T7C	
12421	ZM_0168_A1_H07	ZM_0168_A1_H07_T7C	
12422	ZM_0168_A1_H09	ZM_0168_A1_H09_T7C	
12423	ZM_0168_A1_H12	ZM_0168_A1_H12_T7C	
12424	ZM_0168_B1_A03	ZM_0168_B1_A03_T7C	
12425	ZM_0168_B1_A04	ZM_0168_B1_A04_T7C	
12426	ZM_0168_B1_A09	ZM_0168_B1_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12427	ZM_0168_B1_A10	ZM_0168_B1_A10_T7C	
12428	ZM_0168_B1_A11	ZM_0168_B1_A11_T7C	
12429	ZM_0168_B1_A12	ZM_0168_B1_A12_T7C	
12430	ZM_0168_B1_B01	ZM_0168_B1_B01_T7C	
12431	ZM_0168_B1_B02	ZM_0168_B1_B02_T7C	
12432	ZM_0168_B1_B03	ZM_0168_B1_B03_T7C	
12433	ZM_0168_B1_B04	ZM_0168_B1_B04_T7C	
12434	ZM_0168_B1_B07	ZM_0168_B1_B07_T7C	
12435	ZM_0168_B1_B08	ZM_0168_B1_B08_T7C	
12436	ZM_0168_B1_B09	ZM_0168_B1_B09_T7C	
12437	ZM_0168_B1_B12	ZM_0168_B1_B12_T7C	
12438	ZM_0168_B1_C02	ZM_0168_B1_C02_T7C	
12439	ZM_0168_B1_C03	ZM_0168_B1_C03_T7C	
12440	ZM_0168_B1_C04	ZM_0168_B1_C04_T7C	
12441	ZM_0168_B1_C06	ZM_0168_B1_C06_T7C	
12442	ZM_0168_B1_C07	ZM_0168_B1_C07_T7C	
12443	ZM_0168_B1_C08	ZM_0168_B1_C08_T7C	
12444	ZM_0168_B1_C09	ZM_0168_B1_C09_T7C	
12445	ZM_0168_B1_C10	ZM_0168_B1_C10_T7C	
12446	ZM_0168_B1_C11	ZM_0168_B1_C11_T7C	
12447	ZM_0168_B1_C12	ZM_0168_B1_C12_T7C	
12448	ZM_0168_B1_D01	ZM_0168_B1_D01_T7C	
12449	ZM_0168_B1_D02	ZM_0168_B1_D02_T7C	
12450	ZM_0168_B1_D03	ZM_0168_B1_D03_T7C	
12451	ZM_0168_B1_D04	ZM_0168_B1_D04_T7C	
12452	ZM_0168_B1_D05	ZM_0168_B1_D05_T7C	
12453	ZM_0168_B1_D06	ZM_0168_B1_D06_T7C	
12454	ZM_0168_B1_D08	ZM_0168_B1_D08_T7C	
12455	ZM_0168_B1_D09	ZM_0168_B1_D09_T7C	
12456	ZM_0168_B1_D10	ZM_0168_B1_D10_T7C	
12457	ZM_0168_B1_E01	ZM_0168_B1_E01_T7C	
12458	ZM_0168_B1_E02	ZM_0168_B1_E02_T7C	
12459	ZM_0168_B1_E03	ZM_0168_B1_E03_T7C	
12460	ZM_0168_B1_E04	ZM_0168_B1_E04_T7C	
12461	ZM_0168_B1_E06	ZM_0168_B1_E06_T7C	
12462	ZM_0168_B1_E08	ZM_0168_B1_E08_T7C	
12463	ZM_0168_B1_E09	ZM_0168_B1_E09_T7C	
12464	ZM_0168_B1_E11	ZM_0168_B1_E11_T7C	
12465	ZM_0168_B1_E12	ZM_0168_B1_E12_T7C	
12466	ZM_0168_B1_F01	ZM_0168_B1_F01_T7C	
12467	ZM_0168_B1_F02	ZM_0168_B1_F02_T7C	
12468	ZM_0168_B1_F03	ZM_0168_B1_F03_T7C	
12469	ZM_0168_B1_F04	ZM_0168_B1_F04_T7C	
12470	ZM_0168_B1_F05	ZM_0168_B1_F05_T7C	
12471	ZM_0168_B1_F06	ZM_0168_B1_F06_T7C	
12472	ZM_0168_B1_F07	ZM_0168_B1_F07_T7C	
12473	ZM_0168_B1_F08	ZM_0168_B1_F08_T7C	
12474	ZM_0168_B1_F09	ZM_0168_B1_F09_T7C	
12475	ZM_0168_B1_F10	ZM_0168_B1_F10_T7C	
12476	ZM_0168_B1_F11	ZM_0168_B1_F11_T7C	
12477	ZM_0168_B1_G01	ZM_0168_B1_G01_T7C	
12478	ZM_0168_B1_G02	ZM_0168_B1_G02_T7C	
12479	ZM_0168_B1_G03	ZM_0168_B1_G03_T7C	
12480	ZM_0168_B1_G04	ZM_0168_B1_G04_T7C	
12481	ZM_0168_B1_G05	ZM_0168_B1_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12482	ZM_0168_B1_G07	ZM_0168_B1_G07_T7C	
12483	ZM_0168_B1_G08	ZM_0168_B1_G08_T7C	
12484	ZM_0168_B1_G09	ZM_0168_B1_G09_T7C	
12485	ZM_0168_B1_G10	ZM_0168_B1_G10_T7C	
12486	ZM_0168_B1_G11	ZM_0168_B1_G11_T7C	
12487	ZM_0168_B1_G12	ZM_0168_B1_G12_T7C	
12488	ZM_0168_B1_H02	ZM_0168_B1_H02_T7C	
12489	ZM_0168_B1_H03	ZM_0168_B1_H03_T7C	
12490	ZM_0168_B1_H04	ZM_0168_B1_H04_T7C	
12491	ZM_0168_B1_H08	ZM_0168_B1_H08_T7C	
12492	ZM_0168_B1_H09	ZM_0168_B1_H09_T7C	
12493	ZM_0168_B1_H11	ZM_0168_B1_H11_T7C	
12494	ZM_0168_B1_H12	ZM_0168_B1_H12_T7C	
12495	ZM_0168_B2_A01	ZM_0168_B2_A01_T7C	
12496	ZM_0168_B2_A02	ZM_0168_B2_A02_T7C	
12497	ZM_0168_B2_A03	ZM_0168_B2_A03_T7C	
12498	ZM_0168_B2_A04	ZM_0168_B2_A04_T7C	
12499	ZM_0168_B2_A05	ZM_0168_B2_A05_T7C	
12500	ZM_0168_B2_A06	ZM_0168_B2_A06_T7C	
12501	ZM_0168_B2_A07	ZM_0168_B2_A07_T7C	
12502	ZM_0168_B2_A08	ZM_0168_B2_A08_T7C	
12503	ZM_0168_B2_A10	ZM_0168_B2_A10_T7C	
12504	ZM_0168_B2_B01	ZM_0168_B2_B01_T7C	
12505	ZM_0168_B2_B02	ZM_0168_B2_B02_T7C	
12506	ZM_0168_B2_B03	ZM_0168_B2_B03_T7C	
12507	ZM_0168_B2_B04	ZM_0168_B2_B04_T7C	
12508	ZM_0168_B2_B05	ZM_0168_B2_B05_T7C	
12509	ZM_0168_B2_B06	ZM_0168_B2_B06_T7C	
12510	ZM_0168_B2_B08	ZM_0168_B2_B08_T7C	
12511	ZM_0168_B2_B09	ZM_0168_B2_B09_T7C	
12512	ZM_0168_B2_B10	ZM_0168_B2_B10_T7C	
12513	ZM_0168_B2_B11	ZM_0168_B2_B11_T7C	
12514	ZM_0168_B2_B12	ZM_0168_B2_B12_T7C	
12515	ZM_0168_B2_C02	ZM_0168_B2_C02_T7C	
12516	ZM_0168_B2_C03	ZM_0168_B2_C03_T7C	
12517	ZM_0168_B2_C04	ZM_0168_B2_C04_T7C	
12518	ZM_0168_B2_C05	ZM_0168_B2_C05_T7C	
12519	ZM_0168_B2_C06	ZM_0168_B2_C06_T7C	
12520	ZM_0168_B2_C08	ZM_0168_B2_C08_T7C	
12521	ZM_0168_B2_C09	ZM_0168_B2_C09_T7C	
12522	ZM_0168_B2_C11	ZM_0168_B2_C11_T7C	
12523	ZM_0168_B2_C12	ZM_0168_B2_C12_T7C	
12524	ZM_0168_B2_D01	ZM_0168_B2_D01_T7C	
12525	ZM_0168_B2_D02	ZM_0168_B2_D02_T7C	
12526	ZM_0168_B2_D03	ZM_0168_B2_D03_T7C	
12527	ZM_0168_B2_D04	ZM_0168_B2_D04_T7C	
12528	ZM_0168_B2_D05	ZM_0168_B2_D05_T7C	
12529	ZM_0168_B2_D06	ZM_0168_B2_D06_T7C	
12530	ZM_0168_B2_D07	ZM_0168_B2_D07_T7C	
12531	ZM_0168_B2_D08	ZM_0168_B2_D08_T7C	
12532	ZM_0168_B2_D09	ZM_0168_B2_D09_T7C	
12533	ZM_0168_B2_D10	ZM_0168_B2_D10_T7C	
12534	ZM_0168_B2_D11	ZM_0168_B2_D11_T7C	
12535	ZM_0168_B2_D12	ZM_0168_B2_D12_T7C	
12536	ZM_0168_B2_E01	ZM_0168_B2_E01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12537	ZM_0168_B2_E02	ZM_0168_B2_E02_T7C	
12538	ZM_0168_B2_E03	ZM_0168_B2_E03_T7C	
12539	ZM_0168_B2_E04	ZM_0168_B2_E04_T7C	
12540	ZM_0168_B2_E05	ZM_0168_B2_E05_T7C	
12541	ZM_0168_B2_E06	ZM_0168_B2_E06_T7C	
12542	ZM_0168_B2_E07	ZM_0168_B2_E07_T7C	
12543	ZM_0168_B2_E08	ZM_0168_B2_E08_T7C	
12544	ZM_0168_B2_E09	ZM_0168_B2_E09_T7C	
12545	ZM_0168_B2_E10	ZM_0168_B2_E10_T7C	
12546	ZM_0168_B2_E11	ZM_0168_B2_E11_T7C	
12547	ZM_0168_B2_E12	ZM_0168_B2_E12_T7C	
12548	ZM_0168_B2_F01	ZM_0168_B2_F01_T7C	
12549	ZM_0168_B2_F02	ZM_0168_B2_F02_T7C	
12550	ZM_0168_B2_F03	ZM_0168_B2_F03_T7C	
12551	ZM_0168_B2_F06	ZM_0168_B2_F06_T7C	
12552	ZM_0168_B2_F07	ZM_0168_B2_F07_T7C	
12553	ZM_0168_B2_F08	ZM_0168_B2_F08_T7C	
12554	ZM_0168_B2_F09	ZM_0168_B2_F09_T7C	
12555	ZM_0168_B2_F10	ZM_0168_B2_F10_T7C	
12556	ZM_0168_B2_F11	ZM_0168_B2_F11_T7C	
12557	ZM_0168_B2_F12	ZM_0168_B2_F12_T7C	
12558	ZM_0168_B2_G01	ZM_0168_B2_G01_T7C	
12559	ZM_0168_B2_G02	ZM_0168_B2_G02_T7C	
12560	ZM_0168_B2_G03	ZM_0168_B2_G03_T7C	
12561	ZM_0168_B2_G04	ZM_0168_B2_G04_T7C	
12562	ZM_0168_B2_G05	ZM_0168_B2_G05_T7C	
12563	ZM_0168_B2_G06	ZM_0168_B2_G06_T7C	
12564	ZM_0168_B2_G07	ZM_0168_B2_G07_T7C	
12565	ZM_0168_B2_G08	ZM_0168_B2_G08_T7C	
12566	ZM_0168_B2_G09	ZM_0168_B2_G09_T7C	
12567	ZM_0168_B2_G11	ZM_0168_B2_G11_T7C	
12568	ZM_0168_B2_G12	ZM_0168_B2_G12_T7C	
12569	ZM_0168_B2_H01	ZM_0168_B2_H01_T7C	
12570	ZM_0168_B2_H02	ZM_0168_B2_H02_T7C	
12571	ZM_0168_B2_H03	ZM_0168_B2_H03_T7C	
12572	ZM_0168_B2_H04	ZM_0168_B2_H04_T7C	
12573	ZM_0168_B2_H05	ZM_0168_B2_H05_T7C	
12574	ZM_0168_B2_H06	ZM_0168_B2_H06_T7C	
12575	ZM_0168_B2_H07	ZM_0168_B2_H07_T7C	
12576	ZM_0168_B2_H08	ZM_0168_B2_H08_T7C	
12577	ZM_0168_B2_H09	ZM_0168_B2_H09_T7C	
12578	ZM_0168_B2_H10	ZM_0168_B2_H10_T7C	
12579	ZM_0168_B2_H11	ZM_0168_B2_H11_T7C	
12580	ZM_0168_B2_H12	ZM_0168_B2_H12_T7C	
12581	ZM_0169_A1_A02	ZM_0169_A1_A02_T7C	
12582	ZM_0169_A1_A03	ZM_0169_A1_A03_T7C	
12583	ZM_0169_A1_A04	ZM_0169_A1_A04_T7C	
12584	ZM_0169_A1_A05	ZM_0169_A1_A05_T7C	
12585	ZM_0169_A1_A06	ZM_0169_A1_A06_T7C	
12586	ZM_0169_A1_A07	ZM_0169_A1_A07_T7C	
12587	ZM_0169_A1_A08	ZM_0169_A1_A08_T7C	
12588	ZM_0169_A1_A09	ZM_0169_A1_A09_T7C	
12589	ZM_0169_A1_A10	ZM_0169_A1_A10_T7C	
12590	ZM_0169_A1_A11	ZM_0169_A1_A11_T7C	
12591	ZM_0169_A1_A12	ZM_0169_A1_A12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12592	ZM_0169_A1_B01	ZM_0169_A1_B01_T7C	
12593	ZM_0169_A1_B02	ZM_0169_A1_B02_T7C	
12594	ZM_0169_A1_B03	ZM_0169_A1_B03_T7C	
12595	ZM_0169_A1_B04	ZM_0169_A1_B04_T7C	
12596	ZM_0169_A1_B05	ZM_0169_A1_B05_T7C	
12597	ZM_0169_A1_B06	ZM_0169_A1_B06_T7C	
12598	ZM_0169_A1_B07	ZM_0169_A1_B07_T7C	
12599	ZM_0169_A1_B08	ZM_0169_A1_B08_T7C	
12600	ZM_0169_A1_B09	ZM_0169_A1_B09_T7C	
12601	ZM_0169_A1_B10	ZM_0169_A1_B10_T7C	
12602	ZM_0169_A1_B11	ZM_0169_A1_B11_T7C	
12603	ZM_0169_A1_B12	ZM_0169_A1_B12_T7C	
12604	ZM_0169_A1_C02	ZM_0169_A1_C02_T7C	
12605	ZM_0169_A1_C03	ZM_0169_A1_C03_T7C	
12606	ZM_0169_A1_C04	ZM_0169_A1_C04_T7C	
12607	ZM_0169_A1_C05	ZM_0169_A1_C05_T7C	
12608	ZM_0169_A1_C06	ZM_0169_A1_C06_T7C	
12609	ZM_0169_A1_C07	ZM_0169_A1_C07_T7C	
12610	ZM_0169_A1_C08	ZM_0169_A1_C08_T7C	
12611	ZM_0169_A1_C09	ZM_0169_A1_C09_T7C	
12612	ZM_0169_A1_C11	ZM_0169_A1_C11_T7C	
12613	ZM_0169_A1_C12	ZM_0169_A1_C12_T7C	
12614	ZM_0169_A1_D01	ZM_0169_A1_D01_T7C	
12615	ZM_0169_A1_D02	ZM_0169_A1_D02_T7C	
12616	ZM_0169_A1_D03	ZM_0169_A1_D03_T7C	
12617	ZM_0169_A1_D04	ZM_0169_A1_D04_T7C	
12618	ZM_0169_A1_D05	ZM_0169_A1_D05_T7C	
12619	ZM_0169_A1_D06	ZM_0169_A1_D06_T7C	
12620	ZM_0169_A1_D07	ZM_0169_A1_D07_T7C	
12621	ZM_0169_A1_D08	ZM_0169_A1_D08_T7C	
12622	ZM_0169_A1_D09	ZM_0169_A1_D09_T7C	
12623	ZM_0169_A1_D10	ZM_0169_A1_D10_T7C	
12624	ZM_0169_A1_D11	ZM_0169_A1_D11_T7C	
12625	ZM_0169_A1_D12	ZM_0169_A1_D12_T7C	
12626	ZM_0169_A1_E01	ZM_0169_A1_E01_T7C	
12627	ZM_0169_A1_E02	ZM_0169_A1_E02_T7C	
12628	ZM_0169_A1_E03	ZM_0169_A1_E03_T7C	
12629	ZM_0169_A1_E04	ZM_0169_A1_E04_T7C	
12630	ZM_0169_A1_E05	ZM_0169_A1_E05_T7C	
12631	ZM_0169_A1_E06	ZM_0169_A1_E06_T7C	
12632	ZM_0169_A1_E07	ZM_0169_A1_E07_T7C	
12633	ZM_0169_A1_E08	ZM_0169_A1_E08_T7C	
12634	ZM_0169_A1_E09	ZM_0169_A1_E09_T7C	
12635	ZM_0169_A1_E10	ZM_0169_A1_E10_T7C	
12636	ZM_0169_A1_E11	ZM_0169_A1_E11_T7C	
12637	ZM_0169_A1_E12	ZM_0169_A1_E12_T7C	
12638	ZM_0169_A1_F01	ZM_0169_A1_F01_T7C	
12639	ZM_0169_A1_F02	ZM_0169_A1_F02_T7C	
12640	ZM_0169_A1_F03	ZM_0169_A1_F03_T7C	
12641	ZM_0169_A1_F04	ZM_0169_A1_F04_T7C	
12642	ZM_0169_A1_F05	ZM_0169_A1_F05_T7C	
12643	ZM_0169_A1_F06	ZM_0169_A1_F06_T7C	
12644	ZM_0169_A1_F07	ZM_0169_A1_F07_T7C	
12645	ZM_0169_A1_F08	ZM_0169_A1_F08_T7C	
12646	ZM_0169_A1_F09	ZM_0169_A1_F09_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12647	ZM_0169_A1_F10	ZM_0169_A1_F10_T7C	
12648	ZM_0169_A1_F11	ZM_0169_A1_F11_T7C	
12649	ZM_0169_A1_G01	ZM_0169_A1_G01_T7C	
12650	ZM_0169_A1_G02	ZM_0169_A1_G02_T7C	
12651	ZM_0169_A1_G03	ZM_0169_A1_G03_T7C	
12652	ZM_0169_A1_G05	ZM_0169_A1_G05_T7C	
12653	ZM_0169_A1_G06	ZM_0169_A1_G06_T7C	
12654	ZM_0169_A1_G07	ZM_0169_A1_G07_T7C	
12655	ZM_0169_A1_G08	ZM_0169_A1_G08_T7C	
12656	ZM_0169_A1_G09	ZM_0169_A1_G09_T7C	
12657	ZM_0169_A1_G10	ZM_0169_A1_G10_T7C	
12658	ZM_0169_A1_G11	ZM_0169_A1_G11_T7C	
12659	ZM_0169_A1_G12	ZM_0169_A1_G12_T7C	
12660	ZM_0169_A1_H01	ZM_0169_A1_H01_T7C	
12661	ZM_0169_A1_H02	ZM_0169_A1_H02_T7C	
12662	ZM_0169_A1_H03	ZM_0169_A1_H03_T7C	
12663	ZM_0169_A1_H04	ZM_0169_A1_H04_T7C	
12664	ZM_0169_A1_H05	ZM_0169_A1_H05_T7C	
12665	ZM_0169_A1_H06	ZM_0169_A1_H06_T7C	
12666	ZM_0169_A1_H07	ZM_0169_A1_H07_T7C	
12667	ZM_0169_A1_H08	ZM_0169_A1_H08_T7C	
12668	ZM_0169_A1_H09	ZM_0169_A1_H09_T7C	
12669	ZM_0169_A1_H10	ZM_0169_A1_H10_T7C	
12670	ZM_0169_A1_H11	ZM_0169_A1_H11_T7C	
12671	ZM_0169_A1_H12	ZM_0169_A1_H12_T7C	
12672	ZM_0169_A2_A03	ZM_0169_A2_A03_T7C	
12673	ZM_0169_A2_A05	ZM_0169_A2_A05_T7C	
12674	ZM_0169_A2_A07	ZM_0169_A2_A07_T7C	
12675	ZM_0169_A2_A08	ZM_0169_A2_A08_T7C	
12676	ZM_0169_A2_A11	ZM_0169_A2_A11_T7C	
12677	ZM_0169_A2_A12	ZM_0169_A2_A12_T7C	
12678	ZM_0169_A2_B01	ZM_0169_A2_B01_T7C	
12679	ZM_0169_A2_B02	ZM_0169_A2_B02_T7C	
12680	ZM_0169_A2_B04	ZM_0169_A2_B04_T7C	
12681	ZM_0169_A2_B05	ZM_0169_A2_B05_T7C	
12682	ZM_0169_A2_B07	ZM_0169_A2_B07_T7C	
12683	ZM_0169_A2_B08	ZM_0169_A2_B08_T7C	
12684	ZM_0169_A2_B09	ZM_0169_A2_B09_T7C	
12685	ZM_0169_A2_B10	ZM_0169_A2_B10_T7C	
12686	ZM_0169_A2_B11	ZM_0169_A2_B11_T7C	
12687	ZM_0169_A2_B12	ZM_0169_A2_B12_T7C	
12688	ZM_0169_A2_C01	ZM_0169_A2_C01_T7C	
12689	ZM_0169_A2_C02	ZM_0169_A2_C02_T7C	
12690	ZM_0169_A2_C04	ZM_0169_A2_C04_T7C	
12691	ZM_0169_A2_C05	ZM_0169_A2_C05_T7C	
12692	ZM_0169_A2_C07	ZM_0169_A2_C07_T7C	
12693	ZM_0169_A2_C08	ZM_0169_A2_C08_T7C	
12694	ZM_0169_A2_C09	ZM_0169_A2_C09_T7C	
12695	ZM_0169_A2_C10	ZM_0169_A2_C10_T7C	
12696	ZM_0169_A2_C11	ZM_0169_A2_C11_T7C	
12697	ZM_0169_A2_C12	ZM_0169_A2_C12_T7C	
12698	ZM_0169_A2_D01	ZM_0169_A2_D01_T7C	
12699	ZM_0169_A2_D02	ZM_0169_A2_D02_T7C	
12700	ZM_0169_A2_D03	ZM_0169_A2_D03_T7C	
12701	ZM_0169_A2_D04	ZM_0169_A2_D04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12702	ZM_0169_A2_D05	ZM_0169_A2_D05_T7C	
12703	ZM_0169_A2_D07	ZM_0169_A2_D07_T7C	
12704	ZM_0169_A2_D08	ZM_0169_A2_D08_T7C	
12705	ZM_0169_A2_D09	ZM_0169_A2_D09_T7C	
12706	ZM_0169_A2_D11	ZM_0169_A2_D11_T7C	
12707	ZM_0169_A2_D12	ZM_0169_A2_D12_T7C	
12708	ZM_0169_A2_E01	ZM_0169_A2_E01_T7C	
12709	ZM_0169_A2_E03	ZM_0169_A2_E03_T7C	
12710	ZM_0169_A2_E04	ZM_0169_A2_E04_T7C	
12711	ZM_0169_A2_E05	ZM_0169_A2_E05_T7C	
12712	ZM_0169_A2_E06	ZM_0169_A2_E06_T7C	
12713	ZM_0169_A2_E07	ZM_0169_A2_E07_T7C	
12714	ZM_0169_A2_E08	ZM_0169_A2_E08_T7C	
12715	ZM_0169_A2_E09	ZM_0169_A2_E09_T7C	
12716	ZM_0169_A2_E10	ZM_0169_A2_E10_T7C	
12717	ZM_0169_A2_E11	ZM_0169_A2_E11_T7C	
12718	ZM_0169_A2_E12	ZM_0169_A2_E12_T7C	
12719	ZM_0169_A2_F01	ZM_0169_A2_F01_T7C	
12720	ZM_0169_A2_F02	ZM_0169_A2_F02_T7C	
12721	ZM_0169_A2_F03	ZM_0169_A2_F03_T7C	
12722	ZM_0169_A2_F04	ZM_0169_A2_F04_T7C	
12723	ZM_0169_A2_F05	ZM_0169_A2_F05_T7C	
12724	ZM_0169_A2_F06	ZM_0169_A2_F06_T7C	
12725	ZM_0169_A2_F08	ZM_0169_A2_F08_T7C	
12726	ZM_0169_A2_F09	ZM_0169_A2_F09_T7C	
12727	ZM_0169_A2_F10	ZM_0169_A2_F10_T7C	
12728	ZM_0169_A2_F12	ZM_0169_A2_F12_T7C	
12729	ZM_0169_A2_G01	ZM_0169_A2_G01_T7C	
12730	ZM_0169_A2_G02	ZM_0169_A2_G02_T7C	
12731	ZM_0169_A2_G04	ZM_0169_A2_G04_T7C	
12732	ZM_0169_A2_G05	ZM_0169_A2_G05_T7C	
12733	ZM_0169_A2_G07	ZM_0169_A2_G07_T7C	
12734	ZM_0169_A2_G08	ZM_0169_A2_G08_T7C	
12735	ZM_0169_A2_G09	ZM_0169_A2_G09_T7C	
12736	ZM_0169_A2_G10	ZM_0169_A2_G10_T7C	
12737	ZM_0169_A2_G12	ZM_0169_A2_G12_T7C	
12738	ZM_0169_A2_H01	ZM_0169_A2_H01_T7C	
12739	ZM_0169_A2_H02	ZM_0169_A2_H02_T7C	
12740	ZM_0169_A2_H03	ZM_0169_A2_H03_T7C	
12741	ZM_0169_A2_H04	ZM_0169_A2_H04_T7C	
12742	ZM_0169_A2_H05	ZM_0169_A2_H05_T7C	
12743	ZM_0169_A2_H06	ZM_0169_A2_H06_T7C	
12744	ZM_0169_A2_H07	ZM_0169_A2_H07_T7C	
12745	ZM_0169_A2_H10	ZM_0169_A2_H10_T7C	
12746	ZM_0169_A2_H11	ZM_0169_A2_H11_T7C	
12747	ZM_0169_B1_A01	ZM_0169_B1_A01_T7C	
12748	ZM_0169_B1_A02	ZM_0169_B1_A02_T7C	
12749	ZM_0169_B1_A03	ZM_0169_B1_A03_T7C	
12750	ZM_0169_B1_A04	ZM_0169_B1_A04_T7C	
12751	ZM_0169_B1_A06	ZM_0169_B1_A06_T7C	
12752	ZM_0169_B1_A07	ZM_0169_B1_A07_T7C	
12753	ZM_0169_B1_A08	ZM_0169_B1_A08_T7C	
12754	ZM_0169_B1_A09	ZM_0169_B1_A09_T7C	
12755	ZM_0169_B1_A10	ZM_0169_B1_A10_T7C	
12756	ZM_0169_B1_A11	ZM_0169_B1_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12757	ZM_0169_B1_B04	ZM_0169_B1_B04_T7C	
12758	ZM_0169_B1_B05	ZM_0169_B1_B05_T7C	
12759	ZM_0169_B1_B06	ZM_0169_B1_B06_T7C	
12760	ZM_0169_B1_B07	ZM_0169_B1_B07_T7C	
12761	ZM_0169_B1_B08	ZM_0169_B1_B08_T7C	
12762	ZM_0169_B1_B09	ZM_0169_B1_B09_T7C	
12763	ZM_0169_B1_C01	ZM_0169_B1_C01_T7C	
12764	ZM_0169_B1_C02	ZM_0169_B1_C02_T7C	
12765	ZM_0169_B1_C03	ZM_0169_B1_C03_T7C	
12766	ZM_0169_B1_C04	ZM_0169_B1_C04_T7C	
12767	ZM_0169_B1_C05	ZM_0169_B1_C05_T7C	
12768	ZM_0169_B1_C07	ZM_0169_B1_C07_T7C	
12769	ZM_0169_B1_C08	ZM_0169_B1_C08_T7C	
12770	ZM_0169_B1_C09	ZM_0169_B1_C09_T7C	
12771	ZM_0169_B1_C11	ZM_0169_B1_C11_T7C	
12772	ZM_0169_B1_C12	ZM_0169_B1_C12_T7C	
12773	ZM_0169_B1_D03	ZM_0169_B1_D03_T7C	
12774	ZM_0169_B1_D04	ZM_0169_B1_D04_T7C	
12775	ZM_0169_B1_D05	ZM_0169_B1_D05_T7C	
12776	ZM_0169_B1_D06	ZM_0169_B1_D06_T7C	
12777	ZM_0169_B1_D07	ZM_0169_B1_D07_T7C	
12778	ZM_0169_B1_D08	ZM_0169_B1_D08_T7C	
12779	ZM_0169_B1_D10	ZM_0169_B1_D10_T7C	
12780	ZM_0169_B1_D11	ZM_0169_B1_D11_T7C	
12781	ZM_0169_B1_E03	ZM_0169_B1_E03_T7C	
12782	ZM_0169_B1_E04	ZM_0169_B1_E04_T7C	
12783	ZM_0169_B1_E05	ZM_0169_B1_E05_T7C	
12784	ZM_0169_B1_E07	ZM_0169_B1_E07_T7C	
12785	ZM_0169_B1_E09	ZM_0169_B1_E09_T7C	
12786	ZM_0169_B1_F03	ZM_0169_B1_F03_T7C	
12787	ZM_0169_B1_F05	ZM_0169_B1_F05_T7C	
12788	ZM_0169_B1_F06	ZM_0169_B1_F06_T7C	
12789	ZM_0169_B1_F08	ZM_0169_B1_F08_T7C	
12790	ZM_0169_B1_F09	ZM_0169_B1_F09_T7C	
12791	ZM_0169_B1_F10	ZM_0169_B1_F10_T7C	
12792	ZM_0169_B1_F11	ZM_0169_B1_F11_T7C	
12793	ZM_0169_B1_G01	ZM_0169_B1_G01_T7C	
12794	ZM_0169_B1_G02	ZM_0169_B1_G02_T7C	
12795	ZM_0169_B1_G03	ZM_0169_B1_G03_T7C	
12796	ZM_0169_B1_G05	ZM_0169_B1_G05_T7C	
12797	ZM_0169_B1_G07	ZM_0169_B1_G07_T7C	
12798	ZM_0169_B1_G08	ZM_0169_B1_G08_T7C	
12799	ZM_0169_B1_G09	ZM_0169_B1_G09_T7C	
12800	ZM_0169_B1_G10	ZM_0169_B1_G10_T7C	
12801	ZM_0169_B1_G11	ZM_0169_B1_G11_T7C	
12802	ZM_0169_B1_H06	ZM_0169_B1_H06_T7C	
12803	ZM_0169_B1_H07	ZM_0169_B1_H07_T7C	
12804	ZM_0169_B1_H08	ZM_0169_B1_H08_T7C	
12805	ZM_0169_B1_H11	ZM_0169_B1_H11_T7C	
12806	ZM_0169_B2_A04	ZM_0169_B2_A04_T7C	
12807	ZM_0169_B2_A05	ZM_0169_B2_A05_T7C	
12808	ZM_0169_B2_A09	ZM_0169_B2_A09_T7C	
12809	ZM_0169_B2_A10	ZM_0169_B2_A10_T7C	
12810	ZM_0169_B2_B10	ZM_0169_B2_B10_T7C	
12811	ZM_0169_B2_B12	ZM_0169_B2_B12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12812	ZM_0169_B2_C08	ZM_0169_B2_C08_T7C	
12813	ZM_0169_B2_C12	ZM_0169_B2_C12_T7C	
12814	ZM_0169_B2_D02	ZM_0169_B2_D02_T7C	
12815	ZM_0169_B2_D04	ZM_0169_B2_D04_T7C	
12816	ZM_0169_B2_D08	ZM_0169_B2_D08_T7C	
12817	ZM_0169_B2_D12	ZM_0169_B2_D12_T7C	
12818	ZM_0169_B2_E10	ZM_0169_B2_E10_T7C	
12819	ZM_0169_B2_E12	ZM_0169_B2_E12_T7C	
12820	ZM_0169_B2_F01	ZM_0169_B2_F01_T7C	
12821	ZM_0169_B2_F10	ZM_0169_B2_F10_T7C	
12822	ZM_0169_B2_F12	ZM_0169_B2_F12_T7C	
12823	ZM_0169_B2_G04	ZM_0169_B2_G04_T7C	
12824	ZM_0169_B2_H03	ZM_0169_B2_H03_T7C	
12825	ZM_0169_B2_H04	ZM_0169_B2_H04_T7C	
12826	ZM_0169_B2_H08	ZM_0169_B2_H08_T7C	
12827	ZM_0169_B2_H09	ZM_0169_B2_H09_T7C	
12828	ZM_016_A1_A02		ZM_016_A1_A02_MR
12829	ZM_016_A1_A03		ZM_016_A1_A03_MR
12830	ZM_016_A1_A04		ZM_016_A1_A04_MR
12831	ZM_016_A1_A05		ZM_016_A1_A05_MR
12832	ZM_016_A1_A06		ZM_016_A1_A06_MR
12833	ZM_016_A1_A07	ZM_016_A1_A07_T7	
12834	ZM_016_A1_A07		ZM_016_A1_A07_MR
12835	ZM_016_A1_A08		ZM_016_A1_A08_MR
12836	ZM_016_A1_A09		ZM_016_A1_A09_MR
12837	ZM_016_A1_A10		ZM_016_A1_A10_MR
12838	ZM_016_A1_A11		ZM_016_A1_A11_MR
12839	ZM_016_A1_A12		ZM_016_A1_A12_MR
12840	ZM_016_A1_B01		ZM_016_A1_B01_MR
12841	ZM_016_A1_B02		ZM_016_A1_B02_MR
12842	ZM_016_A1_B03		ZM_016_A1_B03_MR
12843	ZM_016_A1_B04		ZM_016_A1_B04_MR
12844	ZM_016_A1_B05		ZM_016_A1_B05_MR
12845	ZM_016_A1_B06		ZM_016_A1_B06_MR
12846	ZM_016_A1_B07		ZM_016_A1_B07_MR
12847	ZM_016_A1_B08		ZM_016_A1_B08_MR
12848	ZM_016_A1_B09		ZM_016_A1_B09_MR
12849	ZM_016_A1_B10		ZM_016_A1_B10_MR
12850	ZM_016_A1_B11		ZM_016_A1_B11_MR
12851	ZM_016_A1_B12		ZM_016_A1_B12_MR
12852	ZM_016_A1_C02		ZM_016_A1_C02_MR
12853	ZM_016_A1_C03		ZM_016_A1_C03_MR
12854	ZM_016_A1_C04		ZM_016_A1_C04_MR
12855	ZM_016_A1_C05		ZM_016_A1_C05_MR
12856	ZM_016_A1_C06		ZM_016_A1_C06_MR
12857	ZM_016_A1_C07		ZM_016_A1_C07_MR
12858	ZM_016_A1_C08		ZM_016_A1_C08_MR
12859	ZM_016_A1_C09		ZM_016_A1_C09_MR
12860	ZM_016_A1_C10		ZM_016_A1_C10_MR
12861	ZM_016_A1_C11		ZM_016_A1_C11_MR
12862	ZM_016_A1_C12		ZM_016_A1_C12_MR
12863	ZM_016_A1_D01		ZM_016_A1_D01_MR
12864	ZM_016_A1_D02		ZM_016_A1_D02_MR
12865	ZM_016_A1_D03		ZM_016_A1_D03_MR
12866	ZM_016_A1_D04		ZM_016_A1_D04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12867	ZM_016_A1_D05		ZM_016_A1_D05_MR
12868	ZM_016_A1_D06		ZM_016_A1_D06_MR
12869	ZM_016_A1_D07		ZM_016_A1_D07_MR
12870	ZM_016_A1_D08		ZM_016_A1_D08_MR
12871	ZM_016_A1_D09		ZM_016_A1_D09_MR
12872	ZM_016_A1_D11		ZM_016_A1_D11_MR
12873	ZM_016_A1_D12		ZM_016_A1_D12_MR
12874	ZM_016_A1_E01		ZM_016_A1_E01_MR
12875	ZM_016_A1_E02		ZM_016_A1_E02_MR
12876	ZM_016_A1_E03		ZM_016_A1_E03_MR
12877	ZM_016_A1_E04		ZM_016_A1_E04_MR
12878	ZM_016_A1_E05		ZM_016_A1_E05_MR
12879	ZM_016_A1_E06		ZM_016_A1_E06_MR
12880	ZM_016_A1_E07		ZM_016_A1_E07_MR
12881	ZM_016_A1_E08		ZM_016_A1_E08_MR
12882	ZM_016_A1_E09		ZM_016_A1_E09_MR
12883	ZM_016_A1_E10		ZM_016_A1_E10_MR
12884	ZM_016_A1_E11		ZM_016_A1_E11_MR
12885	ZM_016_A1_E12		ZM_016_A1_E12_MR
12886	ZM_016_A1_F01		ZM_016_A1_F01_MR
12887	ZM_016_A1_F02		ZM_016_A1_F02_MR
12888	ZM_016_A1_F03		ZM_016_A1_F03_MR
12889	ZM_016_A1_F04		ZM_016_A1_F04_MR
12890	ZM_016_A1_F05		ZM_016_A1_F05_MR
12891	ZM_016_A1_F06		ZM_016_A1_F06_MR
12892	ZM_016_A1_F07		ZM_016_A1_F07_MR
12893	ZM_016_A1_F08		ZM_016_A1_F08_MR
12894	ZM_016_A1_F09		ZM_016_A1_F09_MR
12895	ZM_016_A1_F10		ZM_016_A1_F10_MR
12896	ZM_016_A1_F11		ZM_016_A1_F11_MR
12897	ZM_016_A1_F12		ZM_016_A1_F12_MR
12898	ZM_016_A1_G01		ZM_016_A1_G01_MR
12899	ZM_016_A1_G02		ZM_016_A1_G02_MR
12900	ZM_016_A1_G03		ZM_016_A1_G03_MR
12901	ZM_016_A1_G05		ZM_016_A1_G05_MR
12902	ZM_016_A1_G06		ZM_016_A1_G06_MR
12903	ZM_016_A1_G07		ZM_016_A1_G07_MR
12904	ZM_016_A1_G08		ZM_016_A1_G08_MR
12905	ZM_016_A1_G09		ZM_016_A1_G09_MR
12906	ZM_016_A1_G10		ZM_016_A1_G10_MR
12907	ZM_016_A1_G11		ZM_016_A1_G11_MR
12908	ZM_016_A1_G12		ZM_016_A1_G12_MR
12909	ZM_016_A1_H01		ZM_016_A1_H01_MR
12910	ZM_016_A1_H03		ZM_016_A1_H03_MR
12911	ZM_016_A1_H04		ZM_016_A1_H04_MR
12912	ZM_016_A1_H05		ZM_016_A1_H05_MR
12913	ZM_016_A1_H06		ZM_016_A1_H06_MR
12914	ZM_016_A1_H07		ZM_016_A1_H07_MR
12915	ZM_016_A1_H08		ZM_016_A1_H08_MR
12916	ZM_016_A1_H09		ZM_016_A1_H09_MR
12917	ZM_016_A1_H10		ZM_016_A1_H10_MR
12918	ZM_016_A1_H12		ZM_016_A1_H12_MR
12919	ZM_016_B1_A01	ZM_016_B1_A01_T7C	
12920	ZM_016_B1_A02	ZM_016_B1_A02_T7C	
12921	ZM_016_B1_A02		ZM_016_B1_A02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12922	ZM_016_B1_A03	ZM_016_B1_A03_T7C	
12923	ZM_016_B1_A04	ZM_016_B1_A04_T7C	ZM_016_B1_A04_MR
12924	ZM_016_B1_A04		
12925	ZM_016_B1_A05	ZM_016_B1_A05_T7C	ZM_016_B1_A05_MR
12926	ZM_016_B1_A05		
12927	ZM_016_B1_A06	ZM_016_B1_A06_T7C	ZM_016_B1_A06_MR
12928	ZM_016_B1_A06		
12929	ZM_016_B1_A07	ZM_016_B1_A07_T7C	ZM_016_B1_A07_MR
12930	ZM_016_B1_A07		
12931	ZM_016_B1_A08	ZM_016_B1_A08_T7C	ZM_016_B1_A08_MR
12932	ZM_016_B1_A08		
12933	ZM_016_B1_A09	ZM_016_B1_A09_T7C	ZM_016_B1_A09_MR
12934	ZM_016_B1_A09		
12935	ZM_016_B1_A10	ZM_016_B1_A10_T7C	ZM_016_B1_A10_MR
12936	ZM_016_B1_A10		
12937	ZM_016_B1_A11	ZM_016_B1_A11_T7C	ZM_016_B1_A11_MR
12938	ZM_016_B1_A11		
12939	ZM_016_B1_A12	ZM_016_B1_A12_T7C	ZM_016_B1_A12_MR
12940	ZM_016_B1_A12		
12941	ZM_016_B1_B01	ZM_016_B1_B01_T7C	ZM_016_B1_B01_MR
12942	ZM_016_B1_B01		
12943	ZM_016_B1_B02	ZM_016_B1_B02_T7C	ZM_016_B1_B02_MR
12944	ZM_016_B1_B02		
12945	ZM_016_B1_B03	ZM_016_B1_B03_T7C	ZM_016_B1_B03_MR
12946	ZM_016_B1_B03		
12947	ZM_016_B1_B04	ZM_016_B1_B04_T7C	ZM_016_B1_B04_MR
12948	ZM_016_B1_B04		
12949	ZM_016_B1_B05	ZM_016_B1_B05_T7C	ZM_016_B1_B05_MR
12950	ZM_016_B1_B05		
12951	ZM_016_B1_B06	ZM_016_B1_B06_T7C	ZM_016_B1_B06_MR
12952	ZM_016_B1_B06		
12953	ZM_016_B1_B07	ZM_016_B1_B07_T7C	ZM_016_B1_B07_MR
12954	ZM_016_B1_B07		
12955	ZM_016_B1_B08	ZM_016_B1_B08_T7C	ZM_016_B1_B08_MR
12956	ZM_016_B1_B08		
12957	ZM_016_B1_B09	ZM_016_B1_B09_T7C	ZM_016_B1_B09_MR
12958	ZM_016_B1_B09		
12959	ZM_016_B1_B10	ZM_016_B1_B10_T7C	ZM_016_B1_B10_MR
12960	ZM_016_B1_B10		
12961	ZM_016_B1_B11	ZM_016_B1_B11_T7C	ZM_016_B1_B11_MR
12962	ZM_016_B1_B11		
12963	ZM_016_B1_B12	ZM_016_B1_B12_T7C	ZM_016_B1_B12_MR
12964	ZM_016_B1_B12		
12965	ZM_016_B1_C01	ZM_016_B1_C01_T7C	ZM_016_B1_C01_MR
12966	ZM_016_B1_C01		
12967	ZM_016_B1_C02	ZM_016_B1_C02_T7C	ZM_016_B1_C02_MR
12968	ZM_016_B1_C02		
12969	ZM_016_B1_C03	ZM_016_B1_C03_T7C	ZM_016_B1_C03_MR
12970	ZM_016_B1_C03		
12971	ZM_016_B1_C04	ZM_016_B1_C04_T7C	
12972	ZM_016_B1_C05	ZM_016_B1_C05_T7C	ZM_016_B1_C05_MR
12973	ZM_016_B1_C05		
12974	ZM_016_B1_C06	ZM_016_B1_C06_T7C	ZM_016_B1_C06_MR
12975	ZM_016_B1_C06		
12976	ZM_016_B1_C07	ZM_016_B1_C07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
12977	ZM_016_B1_C07		ZM_016_B1_C07_MR
12978	ZM_016_B1_C08	ZM_016_B1_C08_T7C	
12979	ZM_016_B1_C08		ZM_016_B1_C08_MR
12980	ZM_016_B1_C09	ZM_016_B1_C09_T7C	
12981	ZM_016_B1_C10	ZM_016_B1_C10_T7C	
12982	ZM_016_B1_C10		ZM_016_B1_C10_MR
12983	ZM_016_B1_C12	ZM_016_B1_C12_T7C	
12984	ZM_016_B1_C12		ZM_016_B1_C12_MR
12985	ZM_016_B1_D01		ZM_016_B1_D01_MR
12986	ZM_016_B1_D02	ZM_016_B1_D02_T7C	
12987	ZM_016_B1_D02		ZM_016_B1_D02_MR
12988	ZM_016_B1_D03	ZM_016_B1_D03_T7C	
12989	ZM_016_B1_D03		ZM_016_B1_D03_MR
12990	ZM_016_B1_D04	ZM_016_B1_D04_T7C	
12991	ZM_016_B1_D04		ZM_016_B1_D04_MR
12992	ZM_016_B1_D05	ZM_016_B1_D05_T7C	
12993	ZM_016_B1_D05		ZM_016_B1_D05_MR
12994	ZM_016_B1_D06	ZM_016_B1_D06_T7C	
12995	ZM_016_B1_D06		ZM_016_B1_D06_MR
12996	ZM_016_B1_D07	ZM_016_B1_D07_T7C	
12997	ZM_016_B1_D07		ZM_016_B1_D07_MR
12998	ZM_016_B1_D08	ZM_016_B1_D08_T7C	
12999	ZM_016_B1_D08		ZM_016_B1_D08_MR
13000	ZM_016_B1_D09	ZM_016_B1_D09_T7C	
13001	ZM_016_B1_D09		ZM_016_B1_D09_MR
13002	ZM_016_B1_D10	ZM_016_B1_D10_T7C	
13003	ZM_016_B1_D10		ZM_016_B1_D10_MR
13004	ZM_016_B1_D11	ZM_016_B1_D11_T7C	
13005	ZM_016_B1_D11		ZM_016_B1_D11_MR
13006	ZM_016_B1_D12	ZM_016_B1_D12_T7C	
13007	ZM_016_B1_D12		ZM_016_B1_D12_MR
13008	ZM_016_B1_E01	ZM_016_B1_E01_T7C	
13009	ZM_016_B1_E01		ZM_016_B1_E01_MR
13010	ZM_016_B1_E03	ZM_016_B1_E03_T7C	
13011	ZM_016_B1_E03		ZM_016_B1_E03_MR
13012	ZM_016_B1_E04	ZM_016_B1_E04_T7C	
13013	ZM_016_B1_E04		ZM_016_B1_E04_MR
13014	ZM_016_B1_E05	ZM_016_B1_E05_T7C	
13015	ZM_016_B1_E05		ZM_016_B1_E05_MR
13016	ZM_016_B1_E06	ZM_016_B1_E06_T7C	
13017	ZM_016_B1_E06		ZM_016_B1_E06_MR
13018	ZM_016_B1_E07	ZM_016_B1_E07_T7C	
13019	ZM_016_B1_E07		ZM_016_B1_E07_MR
13020	ZM_016_B1_E08	ZM_016_B1_E08_T7C	
13021	ZM_016_B1_E08		ZM_016_B1_E08_MR
13022	ZM_016_B1_E09	ZM_016_B1_E09_T7C	
13023	ZM_016_B1_E09		ZM_016_B1_E09_MR
13024	ZM_016_B1_E10	ZM_016_B1_E10_T7C	
13025	ZM_016_B1_E10		ZM_016_B1_E10_MR
13026	ZM_016_B1_E11	ZM_016_B1_E11_T7C	
13027	ZM_016_B1_E11		ZM_016_B1_E11_MR
13028	ZM_016_B1_E12	ZM_016_B1_E12_T7C	
13029	ZM_016_B1_E12		ZM_016_B1_E12_MR
13030	ZM_016_B1_F01	ZM_016_B1_F01_T7C	
13031	ZM_016_B1_F02	ZM_016_B1_F02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13032	ZM_016_B1_F03	ZM_016_B1_F03_T7C	
13033	ZM_016_B1_F03		ZM_016_B1_F03_MR
13034	ZM_016_B1_F04	ZM_016_B1_F04_T7C	
13035	ZM_016_B1_F04		ZM_016_B1_F04_MR
13036	ZM_016_B1_F05	ZM_016_B1_F05_T7C	
13037	ZM_016_B1_F06	ZM_016_B1_F06_T7C	
13038	ZM_016_B1_F08	ZM_016_B1_F08_T7C	
13039	ZM_016_B1_F08		ZM_016_B1_F08_MR
13040	ZM_016_B1_F09	ZM_016_B1_F09_T7C	
13041	ZM_016_B1_F09		ZM_016_B1_F09_MR
13042	ZM_016_B1_F10	ZM_016_B1_F10_T7C	
13043	ZM_016_B1_F10		ZM_016_B1_F10_MR
13044	ZM_016_B1_F11	ZM_016_B1_F11_T7C	
13045	ZM_016_B1_F11		ZM_016_B1_F11_MR
13046	ZM_016_B1_F12	ZM_016_B1_F12_T7C	
13047	ZM_016_B1_F12		ZM_016_B1_F12_MR
13048	ZM_016_B1_G01	ZM_016_B1_G01_T7C	
13049	ZM_016_B1_G01		ZM_016_B1_G01_MR
13050	ZM_016_B1_G02	ZM_016_B1_G02_T7C	
13051	ZM_016_B1_G02		ZM_016_B1_G02_MR
13052	ZM_016_B1_G03	ZM_016_B1_G03_T7C	
13053	ZM_016_B1_G04	ZM_016_B1_G04_T7C	
13054	ZM_016_B1_G05	ZM_016_B1_G05_T7C	
13055	ZM_016_B1_G06	ZM_016_B1_G06_T7C	
13056	ZM_016_B1_G06		ZM_016_B1_G06_MR
13057	ZM_016_B1_G07	ZM_016_B1_G07_T7C	
13058	ZM_016_B1_G08	ZM_016_B1_G08_T7C	
13059	ZM_016_B1_G08		ZM_016_B1_G08_MR
13060	ZM_016_B1_G09	ZM_016_B1_G09_T7C	
13061	ZM_016_B1_G09		ZM_016_B1_G09_MR
13062	ZM_016_B1_G10	ZM_016_B1_G10_T7C	
13063	ZM_016_B1_G11	ZM_016_B1_G11_T7C	
13064	ZM_016_B1_G11		ZM_016_B1_G11_MR
13065	ZM_016_B1_G12	ZM_016_B1_G12_T7C	
13066	ZM_016_B1_G12		ZM_016_B1_G12_MR
13067	ZM_016_B1_H01	ZM_016_B1_H01_T7C	
13068	ZM_016_B1_H02	ZM_016_B1_H02_T7C	
13069	ZM_016_B1_H02		ZM_016_B1_H02_MR
13070	ZM_016_B1_H03	ZM_016_B1_H03_T7C	
13071	ZM_016_B1_H03		ZM_016_B1_H03_MR
13072	ZM_016_B1_H04	ZM_016_B1_H04_T7C	
13073	ZM_016_B1_H04		ZM_016_B1_H04_MR
13074	ZM_016_B1_H06	ZM_016_B1_H06_T7C	
13075	ZM_016_B1_H06		ZM_016_B1_H06_MR
13076	ZM_016_B1_H07	ZM_016_B1_H07_T7C	
13077	ZM_016_B1_H07		ZM_016_B1_H07_MR
13078	ZM_016_B1_H08	ZM_016_B1_H08_T7C	
13079	ZM_016_B1_H08		ZM_016_B1_H08_MR
13080	ZM_016_B1_H09		ZM_016_B1_H09_MR
13081	ZM_016_B1_H10	ZM_016_B1_H10_T7C	
13082	ZM_016_B1_H10		ZM_016_B1_H10_MR
13083	ZM_016_B1_H11	ZM_016_B1_H11_T7C	
13084	ZM_016_B1_H11		ZM_016_B1_H11_MR
13085	ZM_016_B1_H12		ZM_016_B1_H12_MR
13086	ZM_016_B2_A01	ZM_016_B2_A01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13087	ZM_016_B2_A01		ZM_016_B2_A01_MR
13088	ZM_016_B2_A02	ZM_016_B2_A02_T7C	ZM_016_B2_A02_MR
13089	ZM_016_B2_A02		
13090	ZM_016_B2_A03	ZM_016_B2_A03_T7C	ZM_016_B2_A03_MR
13091	ZM_016_B2_A03		
13092	ZM_016_B2_A04	ZM_016_B2_A04_T7C	ZM_016_B2_A04_MR
13093	ZM_016_B2_A04		
13094	ZM_016_B2_A05	ZM_016_B2_A05_T7C	ZM_016_B2_A05_MR
13095	ZM_016_B2_A05		
13096	ZM_016_B2_A06	ZM_016_B2_A06_T7C	ZM_016_B2_A06_MR
13097	ZM_016_B2_A06		
13098	ZM_016_B2_A07	ZM_016_B2_A07_T7C	
13099	ZM_016_B2_A08	ZM_016_B2_A08_T7C	ZM_016_B2_A08_MR
13100	ZM_016_B2_A08		
13101	ZM_016_B2_A09	ZM_016_B2_A09_T7C	ZM_016_B2_A09_MR
13102	ZM_016_B2_A09		
13103	ZM_016_B2_A10	ZM_016_B2_A10_T7C	ZM_016_B2_A10_MR
13104	ZM_016_B2_A10		
13105	ZM_016_B2_A11	ZM_016_B2_A11_T7C	ZM_016_B2_A11_MR
13106	ZM_016_B2_A11		
13107	ZM_016_B2_A12	ZM_016_B2_A12_T7C	ZM_016_B2_A12_MR
13108	ZM_016_B2_A12		
13109	ZM_016_B2_B01	ZM_016_B2_B01_T7C	ZM_016_B2_B01_MR
13110	ZM_016_B2_B01		
13111	ZM_016_B2_B02	ZM_016_B2_B02_T7C	ZM_016_B2_B02_MR
13112	ZM_016_B2_B02		
13113	ZM_016_B2_B03	ZM_016_B2_B03_T7C	ZM_016_B2_B03_MR
13114	ZM_016_B2_B03		
13115	ZM_016_B2_B04	ZM_016_B2_B04_T7C	ZM_016_B2_B04_MR
13116	ZM_016_B2_B04		
13117	ZM_016_B2_B05	ZM_016_B2_B05_T7C	ZM_016_B2_B05_MR
13118	ZM_016_B2_B05		
13119	ZM_016_B2_B06	ZM_016_B2_B06_T7C	ZM_016_B2_B06_MR
13120	ZM_016_B2_B06		
13121	ZM_016_B2_B07	ZM_016_B2_B07_T7C	ZM_016_B2_B07_MR
13122	ZM_016_B2_B07		
13123	ZM_016_B2_B08	ZM_016_B2_B08_T7C	ZM_016_B2_B08_MR
13124	ZM_016_B2_B08		
13125	ZM_016_B2_B09	ZM_016_B2_B09_T7C	ZM_016_B2_B09_MR
13126	ZM_016_B2_B09		
13127	ZM_016_B2_B10	ZM_016_B2_B10_T7C	ZM_016_B2_B10_MR
13128	ZM_016_B2_B10		
13129	ZM_016_B2_B11	ZM_016_B2_B11_T7C	ZM_016_B2_B11_MR
13130	ZM_016_B2_B11		
13131	ZM_016_B2_B12	ZM_016_B2_B12_T7C	ZM_016_B2_B12_MR
13132	ZM_016_B2_B12		
13133	ZM_016_B2_C01	ZM_016_B2_C01_T7C	ZM_016_B2_C01_MR
13134	ZM_016_B2_C01		
13135	ZM_016_B2_C02	ZM_016_B2_C02_T7C	ZM_016_B2_C02_MR
13136	ZM_016_B2_C02		
13137	ZM_016_B2_C03	ZM_016_B2_C03_T7C	ZM_016_B2_C03_MR
13138	ZM_016_B2_C03		
13139	ZM_016_B2_C04	ZM_016_B2_C04_T7C	ZM_016_B2_C04_MR
13140	ZM_016_B2_C04		
13141	ZM_016_B2_C05	ZM_016_B2_C05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13142	ZM_016_B2_C05		ZM_016_B2_C05_MR
13143	ZM_016_B2_C07	ZM_016_B2_C07_T7C	
13144	ZM_016_B2_C07		ZM_016_B2_C07_MR
13145	ZM_016_B2_C08	ZM_016_B2_C08_T7C	
13146	ZM_016_B2_C08		ZM_016_B2_C08_MR
13147	ZM_016_B2_C09	ZM_016_B2_C09_T7C	
13148	ZM_016_B2_C09		ZM_016_B2_C09_MR
13149	ZM_016_B2_C10	ZM_016_B2_C10_T7C	
13150	ZM_016_B2_C10		ZM_016_B2_C10_MR
13151	ZM_016_B2_C11	ZM_016_B2_C11_T7C	
13152	ZM_016_B2_C11		ZM_016_B2_C11_MR
13153	ZM_016_B2_C12	ZM_016_B2_C12_T7C	
13154	ZM_016_B2_C12		ZM_016_B2_C12_MR
13155	ZM_016_B2_D01	ZM_016_B2_D01_T7C	
13156	ZM_016_B2_D01		ZM_016_B2_D01_MR
13157	ZM_016_B2_D02	ZM_016_B2_D02_T7C	
13158	ZM_016_B2_D02		ZM_016_B2_D02_MR
13159	ZM_016_B2_D03	ZM_016_B2_D03_T7C	
13160	ZM_016_B2_D04	ZM_016_B2_D04_T7C	
13161	ZM_016_B2_D04		ZM_016_B2_D04_MR
13162	ZM_016_B2_D05	ZM_016_B2_D05_T7C	
13163	ZM_016_B2_D05		ZM_016_B2_D05_MR
13164	ZM_016_B2_D06	ZM_016_B2_D06_T7C	
13165	ZM_016_B2_D06		ZM_016_B2_D06_MR
13166	ZM_016_B2_D07	ZM_016_B2_D07_T7C	
13167	ZM_016_B2_D07		ZM_016_B2_D07_MR
13168	ZM_016_B2_D09	ZM_016_B2_D09_T7C	
13169	ZM_016_B2_D09		ZM_016_B2_D09_MR
13170	ZM_016_B2_D10	ZM_016_B2_D10_T7C	
13171	ZM_016_B2_D10		ZM_016_B2_D10_MR
13172	ZM_016_B2_D11	ZM_016_B2_D11_T7C	
13173	ZM_016_B2_D11		ZM_016_B2_D11_MR
13174	ZM_016_B2_D12	ZM_016_B2_D12_T7C	
13175	ZM_016_B2_D12		ZM_016_B2_D12_MR
13176	ZM_016_B2_E01	ZM_016_B2_E01_T7C	
13177	ZM_016_B2_E01		ZM_016_B2_E01_MR
13178	ZM_016_B2_E02	ZM_016_B2_E02_T7C	
13179	ZM_016_B2_E02		ZM_016_B2_E02_MR
13180	ZM_016_B2_E03	ZM_016_B2_E03_T7C	
13181	ZM_016_B2_E03		ZM_016_B2_E03_MR
13182	ZM_016_B2_E05	ZM_016_B2_E05_T7C	
13183	ZM_016_B2_E05		ZM_016_B2_E05_MR
13184	ZM_016_B2_E06	ZM_016_B2_E06_T7C	
13185	ZM_016_B2_E06		ZM_016_B2_E06_MR
13186	ZM_016_B2_E07	ZM_016_B2_E07_T7C	
13187	ZM_016_B2_E07		ZM_016_B2_E07_MR
13188	ZM_016_B2_E08	ZM_016_B2_E08_T7C	
13189	ZM_016_B2_E08		ZM_016_B2_E08_MR
13190	ZM_016_B2_E09	ZM_016_B2_E09_T7C	
13191	ZM_016_B2_E09		ZM_016_B2_E09_MR
13192	ZM_016_B2_E10	ZM_016_B2_E10_T7C	
13193	ZM_016_B2_E10		ZM_016_B2_E10_MR
13194	ZM_016_B2_E11	ZM_016_B2_E11_T7C	
13195	ZM_016_B2_E11		ZM_016_B2_E11_MR
13196	ZM_016_B2_E12	ZM_016_B2_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13197	ZM_016_B2_E12		ZM_016_B2_E12_MR
13198	ZM_016_B2_F01	ZM_016_B2_F01_T7C	
13199	ZM_016_B2_F01		ZM_016_B2_F01_MR
13200	ZM_016_B2_F02		ZM_016_B2_F02_MR
13201	ZM_016_B2_F03	ZM_016_B2_F03_T7C	
13202	ZM_016_B2_F03		ZM_016_B2_F03_MR
13203	ZM_016_B2_F04	ZM_016_B2_F04_T7C	
13204	ZM_016_B2_F04		ZM_016_B2_F04_MR
13205	ZM_016_B2_F05	ZM_016_B2_F05_T7C	
13206	ZM_016_B2_F06	ZM_016_B2_F06_T7C	
13207	ZM_016_B2_F06		ZM_016_B2_F06_MR
13208	ZM_016_B2_F07	ZM_016_B2_F07_T7C	
13209	ZM_016_B2_F07		ZM_016_B2_F07_MR
13210	ZM_016_B2_F08	ZM_016_B2_F08_T7C	
13211	ZM_016_B2_F08		ZM_016_B2_F08_MR
13212	ZM_016_B2_F09	ZM_016_B2_F09_T7C	
13213	ZM_016_B2_F09		ZM_016_B2_F09_MR
13214	ZM_016_B2_F10	ZM_016_B2_F10_T7C	
13215	ZM_016_B2_F10		ZM_016_B2_F10_MR
13216	ZM_016_B2_F11	ZM_016_B2_F11_T7C	
13217	ZM_016_B2_F11		ZM_016_B2_F11_MR
13218	ZM_016_B2_F12	ZM_016_B2_F12_T7C	
13219	ZM_016_B2_F12		ZM_016_B2_F12_MR
13220	ZM_016_B2_G01	ZM_016_B2_G01_T7C	
13221	ZM_016_B2_G01		ZM_016_B2_G01_MR
13222	ZM_016_B2_G02	ZM_016_B2_G02_T7C	
13223	ZM_016_B2_G02		ZM_016_B2_G02_MR
13224	ZM_016_B2_G03	ZM_016_B2_G03_T7C	
13225	ZM_016_B2_G03		ZM_016_B2_G03_MR
13226	ZM_016_B2_G04	ZM_016_B2_G04_T7C	
13227	ZM_016_B2_G04		ZM_016_B2_G04_MR
13228	ZM_016_B2_G05	ZM_016_B2_G05_T7C	
13229	ZM_016_B2_G05		ZM_016_B2_G05_MR
13230	ZM_016_B2_G06	ZM_016_B2_G06_T7C	
13231	ZM_016_B2_G06		ZM_016_B2_G06_MR
13232	ZM_016_B2_G07	ZM_016_B2_G07_T7C	
13233	ZM_016_B2_G07		ZM_016_B2_G07_MR
13234	ZM_016_B2_G08	ZM_016_B2_G08_T7C	
13235	ZM_016_B2_G08		ZM_016_B2_G08_MR
13236	ZM_016_B2_G09	ZM_016_B2_G09_T7C	
13237	ZM_016_B2_G09		ZM_016_B2_G09_MR
13238	ZM_016_B2_G10	ZM_016_B2_G10_T7C	
13239	ZM_016_B2_G10		ZM_016_B2_G10_MR
13240	ZM_016_B2_G11	ZM_016_B2_G11_T7C	
13241	ZM_016_B2_G11		ZM_016_B2_G11_MR
13242	ZM_016_B2_G12	ZM_016_B2_G12_T7C	
13243	ZM_016_B2_G12		ZM_016_B2_G12_MR
13244	ZM_016_B2_H01	ZM_016_B2_H01_T7C	
13245	ZM_016_B2_H01		ZM_016_B2_H01_MR
13246	ZM_016_B2_H02	ZM_016_B2_H02_T7C	
13247	ZM_016_B2_H02		ZM_016_B2_H02_MR
13248	ZM_016_B2_H03	ZM_016_B2_H03_T7C	
13249	ZM_016_B2_H03		ZM_016_B2_H03_MR
13250	ZM_016_B2_H04	ZM_016_B2_H04_T7C	
13251	ZM_016_B2_H04		ZM_016_B2_H04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13252	ZM_016_B2_H05	ZM_016_B2_H05_T7C	
13253	ZM_016_B2_H05		ZM_016_B2_H05_MR
13254	ZM_016_B2_H06	ZM_016_B2_H06_T7C	
13255	ZM_016_B2_H06		ZM_016_B2_H06_MR
13256	ZM_016_B2_H07	ZM_016_B2_H07_T7C	
13257	ZM_016_B2_H07		ZM_016_B2_H07_MR
13258	ZM_016_B2_H08	ZM_016_B2_H08_T7C	
13259	ZM_016_B2_H08		ZM_016_B2_H08_MR
13260	ZM_016_B2_H09	ZM_016_B2_H09_T7C	
13261	ZM_016_B2_H09		ZM_016_B2_H09_MR
13262	ZM_016_B2_H10	ZM_016_B2_H10_T7C	
13263	ZM_016_B2_H10		ZM_016_B2_H10_MR
13264	ZM_016_B2_H11		ZM_016_B2_H11_MR
13265	ZM_016_B2_H12	ZM_016_B2_H12_T7C	
13266	ZM_016_B2_H12		ZM_016_B2_H12_MR
13267	ZM_0170_A1_A01	ZM_0170_A1_A01_T7C	
13268	ZM_0170_A1_A02	ZM_0170_A1_A02_T7C	
13269	ZM_0170_A1_A03	ZM_0170_A1_A03_T7C	
13270	ZM_0170_A1_A04	ZM_0170_A1_A04_T7C	
13271	ZM_0170_A1_A05	ZM_0170_A1_A05_T7C	
13272	ZM_0170_A1_A06	ZM_0170_A1_A06_T7C	
13273	ZM_0170_A1_A07	ZM_0170_A1_A07_T7C	
13274	ZM_0170_A1_A08	ZM_0170_A1_A08_T7C	
13275	ZM_0170_A1_A09	ZM_0170_A1_A09_T7C	
13276	ZM_0170_A1_A10	ZM_0170_A1_A10_T7C	
13277	ZM_0170_A1_A11	ZM_0170_A1_A11_T7C	
13278	ZM_0170_A1_A12	ZM_0170_A1_A12_T7C	
13279	ZM_0170_A1_B01	ZM_0170_A1_B01_T7C	
13280	ZM_0170_A1_B02	ZM_0170_A1_B02_T7C	
13281	ZM_0170_A1_B03	ZM_0170_A1_B03_T7C	
13282	ZM_0170_A1_B04	ZM_0170_A1_B04_T7C	
13283	ZM_0170_A1_B05	ZM_0170_A1_B05_T7C	
13284	ZM_0170_A1_B06	ZM_0170_A1_B06_T7C	
13285	ZM_0170_A1_B07	ZM_0170_A1_B07_T7C	
13286	ZM_0170_A1_B09	ZM_0170_A1_B09_T7C	
13287	ZM_0170_A1_B10	ZM_0170_A1_B10_T7C	
13288	ZM_0170_A1_B11	ZM_0170_A1_B11_T7C	
13289	ZM_0170_A1_B12	ZM_0170_A1_B12_T7C	
13290	ZM_0170_A1_C01	ZM_0170_A1_C01_T7C	
13291	ZM_0170_A1_C02	ZM_0170_A1_C02_T7C	
13292	ZM_0170_A1_C03	ZM_0170_A1_C03_T7C	
13293	ZM_0170_A1_C04	ZM_0170_A1_C04_T7C	
13294	ZM_0170_A1_C05	ZM_0170_A1_C05_T7C	
13295	ZM_0170_A1_C06	ZM_0170_A1_C06_T7C	
13296	ZM_0170_A1_C07	ZM_0170_A1_C07_T7C	
13297	ZM_0170_A1_C08	ZM_0170_A1_C08_T7C	
13298	ZM_0170_A1_C09	ZM_0170_A1_C09_T7C	
13299	ZM_0170_A1_C10	ZM_0170_A1_C10_T7C	
13300	ZM_0170_A1_C11	ZM_0170_A1_C11_T7C	
13301	ZM_0170_A1_C12	ZM_0170_A1_C12_T7C	
13302	ZM_0170_A1_D01	ZM_0170_A1_D01_T7C	
13303	ZM_0170_A1_D02	ZM_0170_A1_D02_T7C	
13304	ZM_0170_A1_D03	ZM_0170_A1_D03_T7C	
13305	ZM_0170_A1_D04	ZM_0170_A1_D04_T7C	
13306	ZM_0170_A1_D05	ZM_0170_A1_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13307	ZM_0170_A1_D06	ZM_0170_A1_D06_T7C	
13308	ZM_0170_A1_D07	ZM_0170_A1_D07_T7C	
13309	ZM_0170_A1_D08	ZM_0170_A1_D08_T7C	
13310	ZM_0170_A1_D09	ZM_0170_A1_D09_T7C	
13311	ZM_0170_A1_D10	ZM_0170_A1_D10_T7C	
13312	ZM_0170_A1_D11	ZM_0170_A1_D11_T7C	
13313	ZM_0170_A1_D12	ZM_0170_A1_D12_T7C	
13314	ZM_0170_A1_E01	ZM_0170_A1_E01_T7C	
13315	ZM_0170_A1_E02	ZM_0170_A1_E02_T7C	
13316	ZM_0170_A1_E03	ZM_0170_A1_E03_T7C	
13317	ZM_0170_A1_E04	ZM_0170_A1_E04_T7C	
13318	ZM_0170_A1_E05	ZM_0170_A1_E05_T7C	
13319	ZM_0170_A1_E07	ZM_0170_A1_E07_T7C	
13320	ZM_0170_A1_E08	ZM_0170_A1_E08_T7C	
13321	ZM_0170_A1_E09	ZM_0170_A1_E09_T7C	
13322	ZM_0170_A1_E10	ZM_0170_A1_E10_T7C	
13323	ZM_0170_A1_E11	ZM_0170_A1_E11_T7C	
13324	ZM_0170_A1_E12	ZM_0170_A1_E12_T7C	
13325	ZM_0170_A1_F01	ZM_0170_A1_F01_T7C	
13326	ZM_0170_A1_F02	ZM_0170_A1_F02_T7C	
13327	ZM_0170_A1_F03	ZM_0170_A1_F03_T7C	
13328	ZM_0170_A1_F04	ZM_0170_A1_F04_T7C	
13329	ZM_0170_A1_F05	ZM_0170_A1_F05_T7C	
13330	ZM_0170_A1_F06	ZM_0170_A1_F06_T7C	
13331	ZM_0170_A1_F07	ZM_0170_A1_F07_T7C	
13332	ZM_0170_A1_F08	ZM_0170_A1_F08_T7C	
13333	ZM_0170_A1_F09	ZM_0170_A1_F09_T7C	
13334	ZM_0170_A1_F10	ZM_0170_A1_F10_T7C	
13335	ZM_0170_A1_F11	ZM_0170_A1_F11_T7C	
13336	ZM_0170_A1_F12	ZM_0170_A1_F12_T7C	
13337	ZM_0170_A1_G01	ZM_0170_A1_G01_T7C	
13338	ZM_0170_A1_G02	ZM_0170_A1_G02_T7C	
13339	ZM_0170_A1_G03	ZM_0170_A1_G03_T7C	
13340	ZM_0170_A1_G04	ZM_0170_A1_G04_T7C	
13341	ZM_0170_A1_G05	ZM_0170_A1_G05_T7C	
13342	ZM_0170_A1_G06	ZM_0170_A1_G06_T7C	
13343	ZM_0170_A1_G07	ZM_0170_A1_G07_T7C	
13344	ZM_0170_A1_G09	ZM_0170_A1_G09_T7C	
13345	ZM_0170_A1_G10	ZM_0170_A1_G10_T7C	
13346	ZM_0170_A1_G11	ZM_0170_A1_G11_T7C	
13347	ZM_0170_A1_H01	ZM_0170_A1_H01_T7C	
13348	ZM_0170_A1_H02	ZM_0170_A1_H02_T7C	
13349	ZM_0170_A1_H03	ZM_0170_A1_H03_T7C	
13350	ZM_0170_A1_H04	ZM_0170_A1_H04_T7C	
13351	ZM_0170_A1_H05	ZM_0170_A1_H05_T7C	
13352	ZM_0170_A1_H06	ZM_0170_A1_H06_T7C	
13353	ZM_0170_A1_H07	ZM_0170_A1_H07_T7C	
13354	ZM_0170_A1_H08	ZM_0170_A1_H08_T7C	
13355	ZM_0170_A1_H09	ZM_0170_A1_H09_T7C	
13356	ZM_0170_A1_H10	ZM_0170_A1_H10_T7C	
13357	ZM_0170_A1_H12	ZM_0170_A1_H12_T7C	
13358	ZM_0170_B1_A01	ZM_0170_B1_A01_T7C	
13359	ZM_0170_B1_A02	ZM_0170_B1_A02_T7C	
13360	ZM_0170_B1_A06	ZM_0170_B1_A06_T7C	
13361	ZM_0170_B1_B03	ZM_0170_B1_B03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13362	ZM_0170_B1_B05	ZM_0170_B1_B05_T7C	
13363	ZM_0170_B1_B06	ZM_0170_B1_B06_T7C	
13364	ZM_0170_B1_B07	ZM_0170_B1_B07_T7C	
13365	ZM_0170_B1_B08	ZM_0170_B1_B08_T7C	
13366	ZM_0170_B1_B09	ZM_0170_B1_B09_T7C	
13367	ZM_0170_B1_C01	ZM_0170_B1_C01_T7C	
13368	ZM_0170_B1_C04	ZM_0170_B1_C04_T7C	
13369	ZM_0170_B1_C05	ZM_0170_B1_C05_T7C	
13370	ZM_0170_B1_C08	ZM_0170_B1_C08_T7C	
13371	ZM_0170_B1_C11	ZM_0170_B1_C11_T7C	
13372	ZM_0170_B1_D02	ZM_0170_B1_D02_T7C	
13373	ZM_0170_B1_D04	ZM_0170_B1_D04_T7C	
13374	ZM_0170_B1_D06	ZM_0170_B1_D06_T7C	
13375	ZM_0170_B1_D08	ZM_0170_B1_D08_T7C	
13376	ZM_0170_B1_D09	ZM_0170_B1_D09_T7C	
13377	ZM_0170_B1_D10	ZM_0170_B1_D10_T7C	
13378	ZM_0170_B1_E02	ZM_0170_B1_E02_T7C	
13379	ZM_0170_B1_E03	ZM_0170_B1_E03_T7C	
13380	ZM_0170_B1_E04	ZM_0170_B1_E04_T7C	
13381	ZM_0170_B1_E08	ZM_0170_B1_E08_T7C	
13382	ZM_0170_B1_E09	ZM_0170_B1_E09_T7C	
13383	ZM_0170_B1_E10	ZM_0170_B1_E10_T7C	
13384	ZM_0170_B1_E11	ZM_0170_B1_E11_T7C	
13385	ZM_0170_B1_F02	ZM_0170_B1_F02_T7C	
13386	ZM_0170_B1_F04	ZM_0170_B1_F04_T7C	
13387	ZM_0170_B1_F05	ZM_0170_B1_F05_T7C	
13388	ZM_0170_B1_F06	ZM_0170_B1_F06_T7C	
13389	ZM_0170_B1_F07	ZM_0170_B1_F07_T7C	
13390	ZM_0170_B1_F08	ZM_0170_B1_F08_T7C	
13391	ZM_0170_B1_F09	ZM_0170_B1_F09_T7C	
13392	ZM_0170_B1_G01	ZM_0170_B1_G01_T7C	
13393	ZM_0170_B1_G02	ZM_0170_B1_G02_T7C	
13394	ZM_0170_B1_G03	ZM_0170_B1_G03_T7C	
13395	ZM_0170_B1_G04	ZM_0170_B1_G04_T7C	
13396	ZM_0170_B1_G05	ZM_0170_B1_G05_T7C	
13397	ZM_0170_B1_G06	ZM_0170_B1_G06_T7C	
13398	ZM_0170_B1_G10	ZM_0170_B1_G10_T7C	
13399	ZM_0170_B1_G12	ZM_0170_B1_G12_T7C	
13400	ZM_0170_B1_H01	ZM_0170_B1_H01_T7C	
13401	ZM_0170_B1_H02	ZM_0170_B1_H02_T7C	
13402	ZM_0170_B1_H03	ZM_0170_B1_H03_T7C	
13403	ZM_0170_B1_H04	ZM_0170_B1_H04_T7C	
13404	ZM_0170_B1_H07	ZM_0170_B1_H07_T7C	
13405	ZM_0170_B1_H08	ZM_0170_B1_H08_T7C	
13406	ZM_0170_B1_H09	ZM_0170_B1_H09_T7C	
13407	ZM_0170_B1_H11	ZM_0170_B1_H11_T7C	
13408	ZM_0171_A2_A02	ZM_0171_A2_A02_T7C	
13409	ZM_0171_A2_A03	ZM_0171_A2_A03_T7C	
13410	ZM_0171_A2_A04	ZM_0171_A2_A04_T7C	
13411	ZM_0171_A2_A05	ZM_0171_A2_A05_T7C	
13412	ZM_0171_A2_A06	ZM_0171_A2_A06_T7C	
13413	ZM_0171_A2_A10	ZM_0171_A2_A10_T7C	
13414	ZM_0171_A2_A11	ZM_0171_A2_A11_T7C	
13415	ZM_0171_A2_A12	ZM_0171_A2_A12_T7C	
13416	ZM_0171_A2_B02	ZM_0171_A2_B02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13417	ZM_0171_A2_B03	ZM_0171_A2_B03_T7C	
13418	ZM_0171_A2_B05	ZM_0171_A2_B05_T7C	
13419	ZM_0171_A2_B06	ZM_0171_A2_B06_T7C	
13420	ZM_0171_A2_B07	ZM_0171_A2_B07_T7C	
13421	ZM_0171_A2_B08	ZM_0171_A2_B08_T7C	
13422	ZM_0171_A2_B09	ZM_0171_A2_B09_T7C	
13423	ZM_0171_A2_B10	ZM_0171_A2_B10_T7C	
13424	ZM_0171_A2_B12	ZM_0171_A2_B12_T7C	
13425	ZM_0171_A2_C01	ZM_0171_A2_C01_T7C	
13426	ZM_0171_A2_C02	ZM_0171_A2_C02_T7C	
13427	ZM_0171_A2_C03	ZM_0171_A2_C03_T7C	
13428	ZM_0171_A2_C06	ZM_0171_A2_C06_T7C	
13429	ZM_0171_A2_C07	ZM_0171_A2_C07_T7C	
13430	ZM_0171_A2_C08	ZM_0171_A2_C08_T7C	
13431	ZM_0171_A2_C09	ZM_0171_A2_C09_T7C	
13432	ZM_0171_A2_C10	ZM_0171_A2_C10_T7C	
13433	ZM_0171_A2_C11	ZM_0171_A2_C11_T7C	
13434	ZM_0171_A2_C12	ZM_0171_A2_C12_T7C	
13435	ZM_0171_A2_D01	ZM_0171_A2_D01_T7C	
13436	ZM_0171_A2_D02	ZM_0171_A2_D02_T7C	
13437	ZM_0171_A2_D03	ZM_0171_A2_D03_T7C	
13438	ZM_0171_A2_D04	ZM_0171_A2_D04_T7C	
13439	ZM_0171_A2_D05	ZM_0171_A2_D05_T7C	
13440	ZM_0171_A2_D06	ZM_0171_A2_D06_T7C	
13441	ZM_0171_A2_D08	ZM_0171_A2_D08_T7C	
13442	ZM_0171_A2_D09	ZM_0171_A2_D09_T7C	
13443	ZM_0171_A2_D10	ZM_0171_A2_D10_T7C	
13444	ZM_0171_A2_D12	ZM_0171_A2_D12_T7C	
13445	ZM_0171_A2_E02	ZM_0171_A2_E02_T7C	
13446	ZM_0171_A2_E03	ZM_0171_A2_E03_T7C	
13447	ZM_0171_A2_E04	ZM_0171_A2_E04_T7C	
13448	ZM_0171_A2_E05	ZM_0171_A2_E05_T7C	
13449	ZM_0171_A2_E06	ZM_0171_A2_E06_T7C	
13450	ZM_0171_A2_E07	ZM_0171_A2_E07_T7C	
13451	ZM_0171_A2_E08	ZM_0171_A2_E08_T7C	
13452	ZM_0171_A2_E09	ZM_0171_A2_E09_T7C	
13453	ZM_0171_A2_E11	ZM_0171_A2_E11_T7C	
13454	ZM_0171_A2_E12	ZM_0171_A2_E12_T7C	
13455	ZM_0171_A2_F01	ZM_0171_A2_F01_T7C	
13456	ZM_0171_A2_F02	ZM_0171_A2_F02_T7C	
13457	ZM_0171_A2_F03	ZM_0171_A2_F03_T7C	
13458	ZM_0171_A2_F04	ZM_0171_A2_F04_T7C	
13459	ZM_0171_A2_F05	ZM_0171_A2_F05_T7C	
13460	ZM_0171_A2_F06	ZM_0171_A2_F06_T7C	
13461	ZM_0171_A2_F07	ZM_0171_A2_F07_T7C	
13462	ZM_0171_A2_F08	ZM_0171_A2_F08_T7C	
13463	ZM_0171_A2_F09	ZM_0171_A2_F09_T7C	
13464	ZM_0171_A2_F10	ZM_0171_A2_F10_T7C	
13465	ZM_0171_A2_F11	ZM_0171_A2_F11_T7C	
13466	ZM_0171_A2_F12	ZM_0171_A2_F12_T7C	
13467	ZM_0171_A2_G01	ZM_0171_A2_G01_T7C	
13468	ZM_0171_A2_G02	ZM_0171_A2_G02_T7C	
13469	ZM_0171_A2_G03	ZM_0171_A2_G03_T7C	
13470	ZM_0171_A2_G04	ZM_0171_A2_G04_T7C	
13471	ZM_0171_A2_G05	ZM_0171_A2_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13472	ZM_0171_A2_G07	ZM_0171_A2_G07_T7C	
13473	ZM_0171_A2_G08	ZM_0171_A2_G08_T7C	
13474	ZM_0171_A2_G09	ZM_0171_A2_G09_T7C	
13475	ZM_0171_A2_G10	ZM_0171_A2_G10_T7C	
13476	ZM_0171_A2_G11	ZM_0171_A2_G11_T7C	
13477	ZM_0171_A2_G12	ZM_0171_A2_G12_T7C	
13478	ZM_0171_A2_H02	ZM_0171_A2_H02_T7C	
13479	ZM_0171_A2_H03	ZM_0171_A2_H03_T7C	
13480	ZM_0171_A2_H04	ZM_0171_A2_H04_T7C	
13481	ZM_0171_A2_H05	ZM_0171_A2_H05_T7C	
13482	ZM_0171_A2_H06	ZM_0171_A2_H06_T7C	
13483	ZM_0171_A2_H07	ZM_0171_A2_H07_T7C	
13484	ZM_0171_A2_H09	ZM_0171_A2_H09_T7C	
13485	ZM_0171_A2_H10	ZM_0171_A2_H10_T7C	
13486	ZM_0171_A2_H11	ZM_0171_A2_H11_T7C	
13487	ZM_0171_A2_H12	ZM_0171_A2_H12_T7C	
13488	ZM_0171_B1_A02	ZM_0171_B1_A02_T7C	
13489	ZM_0171_B1_A03	ZM_0171_B1_A03_T7C	
13490	ZM_0171_B1_A04	ZM_0171_B1_A04_T7C	
13491	ZM_0171_B1_A05	ZM_0171_B1_A05_T7C	
13492	ZM_0171_B1_A07	ZM_0171_B1_A07_T7C	
13493	ZM_0171_B1_A08	ZM_0171_B1_A08_T7C	
13494	ZM_0171_B1_A09	ZM_0171_B1_A09_T7C	
13495	ZM_0171_B1_A10	ZM_0171_B1_A10_T7C	
13496	ZM_0171_B1_A11	ZM_0171_B1_A11_T7C	
13497	ZM_0171_B1_A12	ZM_0171_B1_A12_T7C	
13498	ZM_0171_B1_B02	ZM_0171_B1_B02_T7C	
13499	ZM_0171_B1_B03	ZM_0171_B1_B03_T7C	
13500	ZM_0171_B1_B04	ZM_0171_B1_B04_T7C	
13501	ZM_0171_B1_B05	ZM_0171_B1_B05_T7C	
13502	ZM_0171_B1_B06	ZM_0171_B1_B06_T7C	
13503	ZM_0171_B1_B07	ZM_0171_B1_B07_T7C	
13504	ZM_0171_B1_B08	ZM_0171_B1_B08_T7C	
13505	ZM_0171_B1_B09	ZM_0171_B1_B09_T7C	
13506	ZM_0171_B1_B10	ZM_0171_B1_B10_T7C	
13507	ZM_0171_B1_B11	ZM_0171_B1_B11_T7C	
13508	ZM_0171_B1_B12	ZM_0171_B1_B12_T7C	
13509	ZM_0171_B1_C01	ZM_0171_B1_C01_T7C	
13510	ZM_0171_B1_C02	ZM_0171_B1_C02_T7C	
13511	ZM_0171_B1_C03	ZM_0171_B1_C03_T7C	
13512	ZM_0171_B1_C04	ZM_0171_B1_C04_T7C	
13513	ZM_0171_B1_C05	ZM_0171_B1_C05_T7C	
13514	ZM_0171_B1_C06	ZM_0171_B1_C06_T7C	
13515	ZM_0171_B1_C07	ZM_0171_B1_C07_T7C	
13516	ZM_0171_B1_C08	ZM_0171_B1_C08_T7C	
13517	ZM_0171_B1_C09	ZM_0171_B1_C09_T7C	
13518	ZM_0171_B1_C10	ZM_0171_B1_C10_T7C	
13519	ZM_0171_B1_C11	ZM_0171_B1_C11_T7C	
13520	ZM_0171_B1_C12	ZM_0171_B1_C12_T7C	
13521	ZM_0171_B1_D02	ZM_0171_B1_D02_T7C	
13522	ZM_0171_B1_D03	ZM_0171_B1_D03_T7C	
13523	ZM_0171_B1_D04	ZM_0171_B1_D04_T7C	
13524	ZM_0171_B1_D05	ZM_0171_B1_D05_T7C	
13525	ZM_0171_B1_D06	ZM_0171_B1_D06_T7C	
13526	ZM_0171_B1_D07	ZM_0171_B1_D07_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13527	ZM_0171_B1_D08	ZM_0171_B1_D08_T7C	
13528	ZM_0171_B1_D09	ZM_0171_B1_D09_T7C	
13529	ZM_0171_B1_D10	ZM_0171_B1_D10_T7C	
13530	ZM_0171_B1_D11	ZM_0171_B1_D11_T7C	
13531	ZM_0171_B1_D12	ZM_0171_B1_D12_T7C	
13532	ZM_0171_B1_E02	ZM_0171_B1_E02_T7C	
13533	ZM_0171_B1_E03	ZM_0171_B1_E03_T7C	
13534	ZM_0171_B1_E04	ZM_0171_B1_E04_T7C	
13535	ZM_0171_B1_E05	ZM_0171_B1_E05_T7C	
13536	ZM_0171_B1_E06	ZM_0171_B1_E06_T7C	
13537	ZM_0171_B1_E07	ZM_0171_B1_E07_T7C	
13538	ZM_0171_B1_E08	ZM_0171_B1_E08_T7C	
13539	ZM_0171_B1_E09	ZM_0171_B1_E09_T7C	
13540	ZM_0171_B1_E10	ZM_0171_B1_E10_T7C	
13541	ZM_0171_B1_E11	ZM_0171_B1_E11_T7C	
13542	ZM_0171_B1_E12	ZM_0171_B1_E12_T7C	
13543	ZM_0171_B1_F01	ZM_0171_B1_F01_T7C	
13544	ZM_0171_B1_F03	ZM_0171_B1_F03_T7C	
13545	ZM_0171_B1_F04	ZM_0171_B1_F04_T7C	
13546	ZM_0171_B1_F05	ZM_0171_B1_F05_T7C	
13547	ZM_0171_B1_F06	ZM_0171_B1_F06_T7C	
13548	ZM_0171_B1_F07	ZM_0171_B1_F07_T7C	
13549	ZM_0171_B1_F08	ZM_0171_B1_F08_T7C	
13550	ZM_0171_B1_F09	ZM_0171_B1_F09_T7C	
13551	ZM_0171_B1_F10	ZM_0171_B1_F10_T7C	
13552	ZM_0171_B1_F11	ZM_0171_B1_F11_T7C	
13553	ZM_0171_B1_F12	ZM_0171_B1_F12_T7C	
13554	ZM_0171_B1_G01	ZM_0171_B1_G01_T7C	
13555	ZM_0171_B1_G03	ZM_0171_B1_G03_T7C	
13556	ZM_0171_B1_G04	ZM_0171_B1_G04_T7C	
13557	ZM_0171_B1_G05	ZM_0171_B1_G05_T7C	
13558	ZM_0171_B1_G07	ZM_0171_B1_G07_T7C	
13559	ZM_0171_B1_G08	ZM_0171_B1_G08_T7C	
13560	ZM_0171_B1_G09	ZM_0171_B1_G09_T7C	
13561	ZM_0171_B1_G10	ZM_0171_B1_G10_T7C	
13562	ZM_0171_B1_G11	ZM_0171_B1_G11_T7C	
13563	ZM_0171_B1_G12	ZM_0171_B1_G12_T7C	
13564	ZM_0171_B1_H01	ZM_0171_B1_H01_T7C	
13565	ZM_0171_B1_H02	ZM_0171_B1_H02_T7C	
13566	ZM_0171_B1_H03	ZM_0171_B1_H03_T7C	
13567	ZM_0171_B1_H04	ZM_0171_B1_H04_T7C	
13568	ZM_0171_B1_H05	ZM_0171_B1_H05_T7C	
13569	ZM_0171_B1_H06	ZM_0171_B1_H06_T7C	
13570	ZM_0171_B1_H07	ZM_0171_B1_H07_T7C	
13571	ZM_0171_B1_H08	ZM_0171_B1_H08_T7C	
13572	ZM_0171_B1_H09	ZM_0171_B1_H09_T7C	
13573	ZM_0171_B1_H10	ZM_0171_B1_H10_T7C	
13574	ZM_0171_B1_H12	ZM_0171_B1_H12_T7C	
13575	ZM_0171_B2_A08	ZM_0171_B2_A08_T7C	
13576	ZM_0171_B2_A10	ZM_0171_B2_A10_T7C	
13577	ZM_0171_B2_B08	ZM_0171_B2_B08_T7C	
13578	ZM_0171_B2_B09	ZM_0171_B2_B09_T7C	
13579	ZM_0171_B2_C08	ZM_0171_B2_C08_T7C	
13580	ZM_0171_B2_C09	ZM_0171_B2_C09_T7C	
13581	ZM_0171_B2_C10	ZM_0171_B2_C10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13582	ZM_0171_B2_D04	ZM_0171_B2_D04_T7C	
13583	ZM_0171_B2_D07	ZM_0171_B2_D07_T7C	
13584	ZM_0171_B2_D08	ZM_0171_B2_D08_T7C	
13585	ZM_0171_B2_D09	ZM_0171_B2_D09_T7C	
13586	ZM_0171_B2_D10	ZM_0171_B2_D10_T7C	
13587	ZM_0171_B2_E06	ZM_0171_B2_E06_T7C	
13588	ZM_0171_B2_E07	ZM_0171_B2_E07_T7C	
13589	ZM_0171_B2_E08	ZM_0171_B2_E08_T7C	
13590	ZM_0171_B2_E10	ZM_0171_B2_E10_T7C	
13591	ZM_0171_B2_E11	ZM_0171_B2_E11_T7C	
13592	ZM_0171_B2_F02	ZM_0171_B2_F02_T7C	
13593	ZM_0171_B2_F04	ZM_0171_B2_F04_T7C	
13594	ZM_0171_B2_F06	ZM_0171_B2_F06_T7C	
13595	ZM_0171_B2_F08	ZM_0171_B2_F08_T7C	
13596	ZM_0171_B2_F09	ZM_0171_B2_F09_T7C	
13597	ZM_0171_B2_F11	ZM_0171_B2_F11_T7C	
13598	ZM_0171_B2_G06	ZM_0171_B2_G06_T7C	
13599	ZM_0171_B2_G07	ZM_0171_B2_G07_T7C	
13600	ZM_0171_B2_G09	ZM_0171_B2_G09_T7C	
13601	ZM_0171_B2_G10	ZM_0171_B2_G10_T7C	
13602	ZM_0171_B2_H08	ZM_0171_B2_H08_T7C	
13603	ZM_0171_B2_H09	ZM_0171_B2_H09_T7C	
13604	ZM_0172_A1_A01	ZM_0172_A1_A01_T7C	
13605	ZM_0172_A1_A03	ZM_0172_A1_A03_T7C	
13606	ZM_0172_A1_A04	ZM_0172_A1_A04_T7C	
13607	ZM_0172_A1_A05	ZM_0172_A1_A05_T7C	
13608	ZM_0172_A1_A08	ZM_0172_A1_A08_T7C	
13609	ZM_0172_A1_A09	ZM_0172_A1_A09_T7C	
13610	ZM_0172_A1_A10	ZM_0172_A1_A10_T7C	
13611	ZM_0172_A1_B01	ZM_0172_A1_B01_T7C	
13612	ZM_0172_A1_B03	ZM_0172_A1_B03_T7C	
13613	ZM_0172_A1_B04	ZM_0172_A1_B04_T7C	
13614	ZM_0172_A1_B05	ZM_0172_A1_B05_T7C	
13615	ZM_0172_A1_B07	ZM_0172_A1_B07_T7C	
13616	ZM_0172_A1_B08	ZM_0172_A1_B08_T7C	
13617	ZM_0172_A1_B09	ZM_0172_A1_B09_T7C	
13618	ZM_0172_A1_B10	ZM_0172_A1_B10_T7C	
13619	ZM_0172_A1_B11	ZM_0172_A1_B11_T7C	
13620	ZM_0172_A1_B12	ZM_0172_A1_B12_T7C	
13621	ZM_0172_A1_C03	ZM_0172_A1_C03_T7C	
13622	ZM_0172_A1_C04	ZM_0172_A1_C04_T7C	
13623	ZM_0172_A1_C05	ZM_0172_A1_C05_T7C	
13624	ZM_0172_A1_C08	ZM_0172_A1_C08_T7C	
13625	ZM_0172_A1_C09	ZM_0172_A1_C09_T7C	
13626	ZM_0172_A1_C11	ZM_0172_A1_C11_T7C	
13627	ZM_0172_A1_C12	ZM_0172_A1_C12_T7C	
13628	ZM_0172_A1_D01	ZM_0172_A1_D01_T7C	
13629	ZM_0172_A1_D03	ZM_0172_A1_D03_T7C	
13630	ZM_0172_A1_D04	ZM_0172_A1_D04_T7C	
13631	ZM_0172_A1_D05	ZM_0172_A1_D05_T7C	
13632	ZM_0172_A1_D06	ZM_0172_A1_D06_T7C	
13633	ZM_0172_A1_D07	ZM_0172_A1_D07_T7C	
13634	ZM_0172_A1_D08	ZM_0172_A1_D08_T7C	
13635	ZM_0172_A1_D10	ZM_0172_A1_D10_T7C	
13636	ZM_0172_A1_D11	ZM_0172_A1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13637	ZM_0172_A1_D12	ZM_0172_A1_D12_T7C	
13638	ZM_0172_A1_E01	ZM_0172_A1_E01_T7C	
13639	ZM_0172_A1_E02	ZM_0172_A1_E02_T7C	
13640	ZM_0172_A1_E03	ZM_0172_A1_E03_T7C	
13641	ZM_0172_A1_E04	ZM_0172_A1_E04_T7C	
13642	ZM_0172_A1_E07	ZM_0172_A1_E07_T7C	
13643	ZM_0172_A1_E08	ZM_0172_A1_E08_T7C	
13644	ZM_0172_A1_E09	ZM_0172_A1_E09_T7C	
13645	ZM_0172_A1_E10	ZM_0172_A1_E10_T7C	
13646	ZM_0172_A1_E12	ZM_0172_A1_E12_T7C	
13647	ZM_0172_A1_F01	ZM_0172_A1_F01_T7C	
13648	ZM_0172_A1_F02	ZM_0172_A1_F02_T7C	
13649	ZM_0172_A1_F03	ZM_0172_A1_F03_T7C	
13650	ZM_0172_A1_F04	ZM_0172_A1_F04_T7C	
13651	ZM_0172_A1_F06	ZM_0172_A1_F06_T7C	
13652	ZM_0172_A1_F07	ZM_0172_A1_F07_T7C	
13653	ZM_0172_A1_F09	ZM_0172_A1_F09_T7C	
13654	ZM_0172_A1_F10	ZM_0172_A1_F10_T7C	
13655	ZM_0172_A1_F11	ZM_0172_A1_F11_T7C	
13656	ZM_0172_A1_F12	ZM_0172_A1_F12_T7C	
13657	ZM_0172_A1_G01	ZM_0172_A1_G01_T7C	
13658	ZM_0172_A1_G02	ZM_0172_A1_G02_T7C	
13659	ZM_0172_A1_G03	ZM_0172_A1_G03_T7C	
13660	ZM_0172_A1_G04	ZM_0172_A1_G04_T7C	
13661	ZM_0172_A1_G05	ZM_0172_A1_G05_T7C	
13662	ZM_0172_A1_G07	ZM_0172_A1_G07_T7C	
13663	ZM_0172_A1_G09	ZM_0172_A1_G09_T7C	
13664	ZM_0172_A1_G10	ZM_0172_A1_G10_T7C	
13665	ZM_0172_A1_G11	ZM_0172_A1_G11_T7C	
13666	ZM_0172_A1_G12	ZM_0172_A1_G12_T7C	
13667	ZM_0172_A1_H01	ZM_0172_A1_H01_T7C	
13668	ZM_0172_A1_H02	ZM_0172_A1_H02_T7C	
13669	ZM_0172_A1_H03	ZM_0172_A1_H03_T7C	
13670	ZM_0172_A1_H04	ZM_0172_A1_H04_T7C	
13671	ZM_0172_A1_H05	ZM_0172_A1_H05_T7C	
13672	ZM_0172_A1_H06	ZM_0172_A1_H06_T7C	
13673	ZM_0172_A1_H07	ZM_0172_A1_H07_T7C	
13674	ZM_0172_A1_H08	ZM_0172_A1_H08_T7C	
13675	ZM_0172_A1_H09	ZM_0172_A1_H09_T7C	
13676	ZM_0172_A1_H10	ZM_0172_A1_H10_T7C	
13677	ZM_0172_A1_H11	ZM_0172_A1_H11_T7C	
13678	ZM_0172_A1_H12	ZM_0172_A1_H12_T7C	
13679	ZM_0172_B1_A01	ZM_0172_B1_A01_T7C	
13680	ZM_0172_B1_A02	ZM_0172_B1_A02_T7C	
13681	ZM_0172_B1_A04	ZM_0172_B1_A04_T7C	
13682	ZM_0172_B1_A06	ZM_0172_B1_A06_T7C	
13683	ZM_0172_B1_A07	ZM_0172_B1_A07_T7C	
13684	ZM_0172_B1_A08	ZM_0172_B1_A08_T7C	
13685	ZM_0172_B1_A09	ZM_0172_B1_A09_T7C	
13686	ZM_0172_B1_A10	ZM_0172_B1_A10_T7C	
13687	ZM_0172_B1_A11	ZM_0172_B1_A11_T7C	
13688	ZM_0172_B1_A12	ZM_0172_B1_A12_T7C	
13689	ZM_0172_B1_B01	ZM_0172_B1_B01_T7C	
13690	ZM_0172_B1_B04	ZM_0172_B1_B04_T7C	
13691	ZM_0172_B1_B05	ZM_0172_B1_B05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13692	ZM_0172_B1_B07	ZM_0172_B1_B07_T7C	
13693	ZM_0172_B1_B08	ZM_0172_B1_B08_T7C	
13694	ZM_0172_B1_B09	ZM_0172_B1_B09_T7C	
13695	ZM_0172_B1_B10	ZM_0172_B1_B10_T7C	
13696	ZM_0172_B1_B11	ZM_0172_B1_B11_T7C	
13697	ZM_0172_B1_C01	ZM_0172_B1_C01_T7C	
13698	ZM_0172_B1_C02	ZM_0172_B1_C02_T7C	
13699	ZM_0172_B1_C04	ZM_0172_B1_C04_T7C	
13700	ZM_0172_B1_C06	ZM_0172_B1_C06_T7C	
13701	ZM_0172_B1_C07	ZM_0172_B1_C07_T7C	
13702	ZM_0172_B1_C08	ZM_0172_B1_C08_T7C	
13703	ZM_0172_B1_C10	ZM_0172_B1_C10_T7C	
13704	ZM_0172_B1_C11	ZM_0172_B1_C11_T7C	
13705	ZM_0172_B1_C12	ZM_0172_B1_C12_T7C	
13706	ZM_0172_B1_D01	ZM_0172_B1_D01_T7C	
13707	ZM_0172_B1_D03	ZM_0172_B1_D03_T7C	
13708	ZM_0172_B1_D04	ZM_0172_B1_D04_T7C	
13709	ZM_0172_B1_D05	ZM_0172_B1_D05_T7C	
13710	ZM_0172_B1_D06	ZM_0172_B1_D06_T7C	
13711	ZM_0172_B1_D07	ZM_0172_B1_D07_T7C	
13712	ZM_0172_B1_D08	ZM_0172_B1_D08_T7C	
13713	ZM_0172_B1_D09	ZM_0172_B1_D09_T7C	
13714	ZM_0172_B1_D10	ZM_0172_B1_D10_T7C	
13715	ZM_0172_B1_D11	ZM_0172_B1_D11_T7C	
13716	ZM_0172_B1_D12	ZM_0172_B1_D12_T7C	
13717	ZM_0172_B1_E01	ZM_0172_B1_E01_T7C	
13718	ZM_0172_B1_E02	ZM_0172_B1_E02_T7C	
13719	ZM_0172_B1_E05	ZM_0172_B1_E05_T7C	
13720	ZM_0172_B1_E06	ZM_0172_B1_E06_T7C	
13721	ZM_0172_B1_E07	ZM_0172_B1_E07_T7C	
13722	ZM_0172_B1_E08	ZM_0172_B1_E08_T7C	
13723	ZM_0172_B1_E09	ZM_0172_B1_E09_T7C	
13724	ZM_0172_B1_E10	ZM_0172_B1_E10_T7C	
13725	ZM_0172_B1_E11	ZM_0172_B1_E11_T7C	
13726	ZM_0172_B1_E12	ZM_0172_B1_E12_T7C	
13727	ZM_0172_B1_F01	ZM_0172_B1_F01_T7C	
13728	ZM_0172_B1_F03	ZM_0172_B1_F03_T7C	
13729	ZM_0172_B1_F05	ZM_0172_B1_F05_T7C	
13730	ZM_0172_B1_F06	ZM_0172_B1_F06_T7C	
13731	ZM_0172_B1_F07	ZM_0172_B1_F07_T7C	
13732	ZM_0172_B1_F08	ZM_0172_B1_F08_T7C	
13733	ZM_0172_B1_F09	ZM_0172_B1_F09_T7C	
13734	ZM_0172_B1_F10	ZM_0172_B1_F10_T7C	
13735	ZM_0172_B1_F11	ZM_0172_B1_F11_T7C	
13736	ZM_0172_B1_F12	ZM_0172_B1_F12_T7C	
13737	ZM_0172_B1_G01	ZM_0172_B1_G01_T7C	
13738	ZM_0172_B1_G04	ZM_0172_B1_G04_T7C	
13739	ZM_0172_B1_G05	ZM_0172_B1_G05_T7C	
13740	ZM_0172_B1_G06	ZM_0172_B1_G06_T7C	
13741	ZM_0172_B1_G08	ZM_0172_B1_G08_T7C	
13742	ZM_0172_B1_G09	ZM_0172_B1_G09_T7C	
13743	ZM_0172_B1_G10	ZM_0172_B1_G10_T7C	
13744	ZM_0172_B1_G11	ZM_0172_B1_G11_T7C	
13745	ZM_0172_B1_G12	ZM_0172_B1_G12_T7C	
13746	ZM_0172_B1_H01	ZM_0172_B1_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13747	ZM_0172_B1_H02	ZM_0172_B1_H02_T7C	
13748	ZM_0172_B1_H03	ZM_0172_B1_H03_T7C	
13749	ZM_0172_B1_H04	ZM_0172_B1_H04_T7C	
13750	ZM_0172_B1_H05	ZM_0172_B1_H05_T7C	
13751	ZM_0172_B1_H06	ZM_0172_B1_H06_T7C	
13752	ZM_0172_B1_H07	ZM_0172_B1_H07_T7C	
13753	ZM_0172_B1_H09	ZM_0172_B1_H09_T7C	
13754	ZM_0172_B1_H10	ZM_0172_B1_H10_T7C	
13755	ZM_0172_B1_H11	ZM_0172_B1_H11_T7C	
13756	ZM_0172_B1_H12	ZM_0172_B1_H12_T7C	
13757	ZM_0173_A1_A02	ZM_0173_A1_A02_T7C	
13758	ZM_0173_A1_A03	ZM_0173_A1_A03_T7C	
13759	ZM_0173_A1_A04	ZM_0173_A1_A04_T7C	
13760	ZM_0173_A1_A05	ZM_0173_A1_A05_T7C	
13761	ZM_0173_A1_A06	ZM_0173_A1_A06_T7C	
13762	ZM_0173_A1_A07	ZM_0173_A1_A07_T7C	
13763	ZM_0173_A1_A08	ZM_0173_A1_A08_T7C	
13764	ZM_0173_A1_A09	ZM_0173_A1_A09_T7C	
13765	ZM_0173_A1_A11	ZM_0173_A1_A11_T7C	
13766	ZM_0173_A1_A12	ZM_0173_A1_A12_T7C	
13767	ZM_0173_A1_B02	ZM_0173_A1_B02_T7C	
13768	ZM_0173_A1_B03	ZM_0173_A1_B03_T7C	
13769	ZM_0173_A1_B04	ZM_0173_A1_B04_T7C	
13770	ZM_0173_A1_B07	ZM_0173_A1_B07_T7C	
13771	ZM_0173_A1_B08	ZM_0173_A1_B08_T7C	
13772	ZM_0173_A1_B09	ZM_0173_A1_B09_T7C	
13773	ZM_0173_A1_B10	ZM_0173_A1_B10_T7C	
13774	ZM_0173_A1_B11	ZM_0173_A1_B11_T7C	
13775	ZM_0173_A1_B12	ZM_0173_A1_B12_T7C	
13776	ZM_0173_A1_C01	ZM_0173_A1_C01_T7C	
13777	ZM_0173_A1_C04	ZM_0173_A1_C04_T7C	
13778	ZM_0173_A1_C05	ZM_0173_A1_C05_T7C	
13779	ZM_0173_A1_C06	ZM_0173_A1_C06_T7C	
13780	ZM_0173_A1_C08	ZM_0173_A1_C08_T7C	
13781	ZM_0173_A1_C09	ZM_0173_A1_C09_T7C	
13782	ZM_0173_A1_C10	ZM_0173_A1_C10_T7C	
13783	ZM_0173_A1_C11	ZM_0173_A1_C11_T7C	
13784	ZM_0173_A1_C12	ZM_0173_A1_C12_T7C	
13785	ZM_0173_A1_D01	ZM_0173_A1_D01_T7C	
13786	ZM_0173_A1_D02	ZM_0173_A1_D02_T7C	
13787	ZM_0173_A1_D03	ZM_0173_A1_D03_T7C	
13788	ZM_0173_A1_D04	ZM_0173_A1_D04_T7C	
13789	ZM_0173_A1_D06	ZM_0173_A1_D06_T7C	
13790	ZM_0173_A1_D07	ZM_0173_A1_D07_T7C	
13791	ZM_0173_A1_D08	ZM_0173_A1_D08_T7C	
13792	ZM_0173_A1_D09	ZM_0173_A1_D09_T7C	
13793	ZM_0173_A1_D10	ZM_0173_A1_D10_T7C	
13794	ZM_0173_A1_D11	ZM_0173_A1_D11_T7C	
13795	ZM_0173_A1_D12	ZM_0173_A1_D12_T7C	
13796	ZM_0173_A1_E03	ZM_0173_A1_E03_T7C	
13797	ZM_0173_A1_E04	ZM_0173_A1_E04_T7C	
13798	ZM_0173_A1_E07	ZM_0173_A1_E07_T7C	
13799	ZM_0173_A1_E09	ZM_0173_A1_E09_T7C	
13800	ZM_0173_A1_E10	ZM_0173_A1_E10_T7C	
13801	ZM_0173_A1_E12	ZM_0173_A1_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13802	ZM_0173_A1_F01	ZM_0173_A1_F01_T7C	
13803	ZM_0173_A1_F02	ZM_0173_A1_F02_T7C	
13804	ZM_0173_A1_F04	ZM_0173_A1_F04_T7C	
13805	ZM_0173_A1_F05	ZM_0173_A1_F05_T7C	
13806	ZM_0173_A1_F06	ZM_0173_A1_F06_T7C	
13807	ZM_0173_A1_F07	ZM_0173_A1_F07_T7C	
13808	ZM_0173_A1_F09	ZM_0173_A1_F09_T7C	
13809	ZM_0173_A1_F10	ZM_0173_A1_F10_T7C	
13810	ZM_0173_A1_F11	ZM_0173_A1_F11_T7C	
13811	ZM_0173_A1_F12	ZM_0173_A1_F12_T7C	
13812	ZM_0173_A1_G02	ZM_0173_A1_G02_T7C	
13813	ZM_0173_A1_G03	ZM_0173_A1_G03_T7C	
13814	ZM_0173_A1_G04	ZM_0173_A1_G04_T7C	
13815	ZM_0173_A1_G05	ZM_0173_A1_G05_T7C	
13816	ZM_0173_A1_G06	ZM_0173_A1_G06_T7C	
13817	ZM_0173_A1_G07	ZM_0173_A1_G07_T7C	
13818	ZM_0173_A1_G08	ZM_0173_A1_G08_T7C	
13819	ZM_0173_A1_G09	ZM_0173_A1_G09_T7C	
13820	ZM_0173_A1_G10	ZM_0173_A1_G10_T7C	
13821	ZM_0173_A1_G11	ZM_0173_A1_G11_T7C	
13822	ZM_0173_A1_G12	ZM_0173_A1_G12_T7C	
13823	ZM_0173_A1_H02	ZM_0173_A1_H02_T7C	
13824	ZM_0173_A1_H03	ZM_0173_A1_H03_T7C	
13825	ZM_0173_A1_H05	ZM_0173_A1_H05_T7C	
13826	ZM_0173_A1_H06	ZM_0173_A1_H06_T7C	
13827	ZM_0173_A1_H08	ZM_0173_A1_H08_T7C	
13828	ZM_0173_A1_H09	ZM_0173_A1_H09_T7C	
13829	ZM_0173_A1_H10	ZM_0173_A1_H10_T7C	
13830	ZM_0173_A1_H11	ZM_0173_A1_H11_T7C	
13831	ZM_0173_A1_H12	ZM_0173_A1_H12_T7C	
13832	ZM_0173_B1_A01	ZM_0173_B1_A01_T7C	
13833	ZM_0173_B1_A02	ZM_0173_B1_A02_T7C	
13834	ZM_0173_B1_A03	ZM_0173_B1_A03_T7C	
13835	ZM_0173_B1_A04	ZM_0173_B1_A04_T7C	
13836	ZM_0173_B1_A05	ZM_0173_B1_A05_T7C	
13837	ZM_0173_B1_A06	ZM_0173_B1_A06_T7C	
13838	ZM_0173_B1_A07	ZM_0173_B1_A07_T7C	
13839	ZM_0173_B1_A08	ZM_0173_B1_A08_T7C	
13840	ZM_0173_B1_A09	ZM_0173_B1_A09_T7C	
13841	ZM_0173_B1_A10	ZM_0173_B1_A10_T7C	
13842	ZM_0173_B1_A11	ZM_0173_B1_A11_T7C	
13843	ZM_0173_B1_A12	ZM_0173_B1_A12_T7C	
13844	ZM_0173_B1_B01	ZM_0173_B1_B01_T7C	
13845	ZM_0173_B1_B02	ZM_0173_B1_B02_T7C	
13846	ZM_0173_B1_B03	ZM_0173_B1_B03_T7C	
13847	ZM_0173_B1_B04	ZM_0173_B1_B04_T7C	
13848	ZM_0173_B1_B05	ZM_0173_B1_B05_T7C	
13849	ZM_0173_B1_B06	ZM_0173_B1_B06_T7C	
13850	ZM_0173_B1_B07	ZM_0173_B1_B07_T7C	
13851	ZM_0173_B1_B08	ZM_0173_B1_B08_T7C	
13852	ZM_0173_B1_B09	ZM_0173_B1_B09_T7C	
13853	ZM_0173_B1_B11	ZM_0173_B1_B11_T7C	
13854	ZM_0173_B1_B12	ZM_0173_B1_B12_T7C	
13855	ZM_0173_B1_C01	ZM_0173_B1_C01_T7C	
13856	ZM_0173_B1_C02	ZM_0173_B1_C02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13857	ZM_0173_B1_C03	ZM_0173_B1_C03_T7C	
13858	ZM_0173_B1_C04	ZM_0173_B1_C04_T7C	
13859	ZM_0173_B1_C06	ZM_0173_B1_C06_T7C	
13860	ZM_0173_B1_C07	ZM_0173_B1_C07_T7C	
13861	ZM_0173_B1_C08	ZM_0173_B1_C08_T7C	
13862	ZM_0173_B1_C09	ZM_0173_B1_C09_T7C	
13863	ZM_0173_B1_C10	ZM_0173_B1_C10_T7C	
13864	ZM_0173_B1_C12	ZM_0173_B1_C12_T7C	
13865	ZM_0173_B1_D01	ZM_0173_B1_D01_T7C	
13866	ZM_0173_B1_D02	ZM_0173_B1_D02_T7C	
13867	ZM_0173_B1_D03	ZM_0173_B1_D03_T7C	
13868	ZM_0173_B1_D04	ZM_0173_B1_D04_T7C	
13869	ZM_0173_B1_D05	ZM_0173_B1_D05_T7C	
13870	ZM_0173_B1_D06	ZM_0173_B1_D06_T7C	
13871	ZM_0173_B1_D07	ZM_0173_B1_D07_T7C	
13872	ZM_0173_B1_D08	ZM_0173_B1_D08_T7C	
13873	ZM_0173_B1_D09	ZM_0173_B1_D09_T7C	
13874	ZM_0173_B1_D10	ZM_0173_B1_D10_T7C	
13875	ZM_0173_B1_D11	ZM_0173_B1_D11_T7C	
13876	ZM_0173_B1_D12	ZM_0173_B1_D12_T7C	
13877	ZM_0173_B1_E01	ZM_0173_B1_E01_T7C	
13878	ZM_0173_B1_E02	ZM_0173_B1_E02_T7C	
13879	ZM_0173_B1_E03	ZM_0173_B1_E03_T7C	
13880	ZM_0173_B1_E04	ZM_0173_B1_E04_T7C	
13881	ZM_0173_B1_E05	ZM_0173_B1_E05_T7C	
13882	ZM_0173_B1_E06	ZM_0173_B1_E06_T7C	
13883	ZM_0173_B1_E07	ZM_0173_B1_E07_T7C	
13884	ZM_0173_B1_E08	ZM_0173_B1_E08_T7C	
13885	ZM_0173_B1_E09	ZM_0173_B1_E09_T7C	
13886	ZM_0173_B1_E11	ZM_0173_B1_E11_T7C	
13887	ZM_0173_B1_E12	ZM_0173_B1_E12_T7C	
13888	ZM_0173_B1_F01	ZM_0173_B1_F01_T7C	
13889	ZM_0173_B1_F02	ZM_0173_B1_F02_T7C	
13890	ZM_0173_B1_F03	ZM_0173_B1_F03_T7C	
13891	ZM_0173_B1_F04	ZM_0173_B1_F04_T7C	
13892	ZM_0173_B1_F05	ZM_0173_B1_F05_T7C	
13893	ZM_0173_B1_F06	ZM_0173_B1_F06_T7C	
13894	ZM_0173_B1_F07	ZM_0173_B1_F07_T7C	
13895	ZM_0173_B1_F08	ZM_0173_B1_F08_T7C	
13896	ZM_0173_B1_F09	ZM_0173_B1_F09_T7C	
13897	ZM_0173_B1_F10	ZM_0173_B1_F10_T7C	
13898	ZM_0173_B1_F11	ZM_0173_B1_F11_T7C	
13899	ZM_0173_B1_F12	ZM_0173_B1_F12_T7C	
13900	ZM_0173_B1_G01	ZM_0173_B1_G01_T7C	
13901	ZM_0173_B1_G02	ZM_0173_B1_G02_T7C	
13902	ZM_0173_B1_G03	ZM_0173_B1_G03_T7C	
13903	ZM_0173_B1_G04	ZM_0173_B1_G04_T7C	
13904	ZM_0173_B1_G05	ZM_0173_B1_G05_T7C	
13905	ZM_0173_B1_G06	ZM_0173_B1_G06_T7C	
13906	ZM_0173_B1_G07	ZM_0173_B1_G07_T7C	
13907	ZM_0173_B1_G08	ZM_0173_B1_G08_T7C	
13908	ZM_0173_B1_G09	ZM_0173_B1_G09_T7C	
13909	ZM_0173_B1_G10	ZM_0173_B1_G10_T7C	
13910	ZM_0173_B1_G11	ZM_0173_B1_G11_T7C	
13911	ZM_0173_B1_G12	ZM_0173_B1_G12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13912	ZM_0173_B1_H01	ZM_0173_B1_H01_T7C	
13913	ZM_0173_B1_H02	ZM_0173_B1_H02_T7C	
13914	ZM_0173_B1_H03	ZM_0173_B1_H03_T7C	
13915	ZM_0173_B1_H05	ZM_0173_B1_H05_T7C	
13916	ZM_0173_B1_H06	ZM_0173_B1_H06_T7C	
13917	ZM_0173_B1_H07	ZM_0173_B1_H07_T7C	
13918	ZM_0173_B1_H08	ZM_0173_B1_H08_T7C	
13919	ZM_0173_B1_H09	ZM_0173_B1_H09_T7C	
13920	ZM_0173_B1_H11	ZM_0173_B1_H11_T7C	
13921	ZM_0173_B1_H12	ZM_0173_B1_H12_T7C	
13922	ZM_0174_A1_A01	ZM_0174_A1_A01_T7C	
13923	ZM_0174_A1_A02	ZM_0174_A1_A02_T7C	
13924	ZM_0174_A1_A03	ZM_0174_A1_A03_T7C	
13925	ZM_0174_A1_A05	ZM_0174_A1_A05_T7C	
13926	ZM_0174_A1_A06	ZM_0174_A1_A06_T7C	
13927	ZM_0174_A1_A10	ZM_0174_A1_A10_T7C	
13928	ZM_0174_A1_A11	ZM_0174_A1_A11_T7C	
13929	ZM_0174_A1_B02	ZM_0174_A1_B02_T7C	
13930	ZM_0174_A1_B03	ZM_0174_A1_B03_T7C	
13931	ZM_0174_A1_B05	ZM_0174_A1_B05_T7C	
13932	ZM_0174_A1_B06	ZM_0174_A1_B06_T7C	
13933	ZM_0174_A1_B07	ZM_0174_A1_B07_T7C	
13934	ZM_0174_A1_B10	ZM_0174_A1_B10_T7C	
13935	ZM_0174_A1_B11	ZM_0174_A1_B11_T7C	
13936	ZM_0174_A1_C01	ZM_0174_A1_C01_T7C	
13937	ZM_0174_A1_C02	ZM_0174_A1_C02_T7C	
13938	ZM_0174_A1_C04	ZM_0174_A1_C04_T7C	
13939	ZM_0174_A1_C06	ZM_0174_A1_C06_T7C	
13940	ZM_0174_A1_C07	ZM_0174_A1_C07_T7C	
13941	ZM_0174_A1_C08	ZM_0174_A1_C08_T7C	
13942	ZM_0174_A1_C09	ZM_0174_A1_C09_T7C	
13943	ZM_0174_A1_C10	ZM_0174_A1_C10_T7C	
13944	ZM_0174_A1_C11	ZM_0174_A1_C11_T7C	
13945	ZM_0174_A1_D01	ZM_0174_A1_D01_T7C	
13946	ZM_0174_A1_D06	ZM_0174_A1_D06_T7C	
13947	ZM_0174_A1_D10	ZM_0174_A1_D10_T7C	
13948	ZM_0174_A1_D11	ZM_0174_A1_D11_T7C	
13949	ZM_0174_A1_E01	ZM_0174_A1_E01_T7C	
13950	ZM_0174_A1_E02	ZM_0174_A1_E02_T7C	
13951	ZM_0174_A1_E05	ZM_0174_A1_E05_T7C	
13952	ZM_0174_A1_E09	ZM_0174_A1_E09_T7C	
13953	ZM_0174_A1_E10	ZM_0174_A1_E10_T7C	
13954	ZM_0174_A1_E11	ZM_0174_A1_E11_T7C	
13955	ZM_0174_A1_E12	ZM_0174_A1_E12_T7C	
13956	ZM_0174_A1_F02	ZM_0174_A1_F02_T7C	
13957	ZM_0174_A1_F03	ZM_0174_A1_F03_T7C	
13958	ZM_0174_A1_F04	ZM_0174_A1_F04_T7C	
13959	ZM_0174_A1_F05	ZM_0174_A1_F05_T7C	
13960	ZM_0174_A1_F06	ZM_0174_A1_F06_T7C	
13961	ZM_0174_A1_F07	ZM_0174_A1_F07_T7C	
13962	ZM_0174_A1_F08	ZM_0174_A1_F08_T7C	
13963	ZM_0174_A1_F11	ZM_0174_A1_F11_T7C	
13964	ZM_0174_A1_F12	ZM_0174_A1_F12_T7C	
13965	ZM_0174_A1_G01	ZM_0174_A1_G01_T7C	
13966	ZM_0174_A1_G02	ZM_0174_A1_G02_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
13967	ZM_0174_A1_G03	ZM_0174_A1_G03_T7C	
13968	ZM_0174_A1_G04	ZM_0174_A1_G04_T7C	
13969	ZM_0174_A1_G05	ZM_0174_A1_G05_T7C	
13970	ZM_0174_A1_G06	ZM_0174_A1_G06_T7C	
13971	ZM_0174_A1_G07	ZM_0174_A1_G07_T7C	
13972	ZM_0174_A1_G08	ZM_0174_A1_G08_T7C	
13973	ZM_0174_A1_G09	ZM_0174_A1_G09_T7C	
13974	ZM_0174_A1_G10	ZM_0174_A1_G10_T7C	
13975	ZM_0174_A1_H02	ZM_0174_A1_H02_T7C	
13976	ZM_0174_A1_H03	ZM_0174_A1_H03_T7C	
13977	ZM_0174_A1_H05	ZM_0174_A1_H05_T7C	
13978	ZM_0174_A1_H06	ZM_0174_A1_H06_T7C	
13979	ZM_0174_A1_H07	ZM_0174_A1_H07_T7C	
13980	ZM_0174_A1_H08	ZM_0174_A1_H08_T7C	
13981	ZM_0174_A1_H10	ZM_0174_A1_H10_T7C	
13982	ZM_0174_A1_H12	ZM_0174_A1_H12_T7C	
13983	ZM_0174_A2_F02	ZM_0174_A2_F02_T7C	
13984	ZM_0174_B1_A02	ZM_0174_B1_A02_T7C	
13985	ZM_0174_B1_A03	ZM_0174_B1_A03_T7C	
13986	ZM_0174_B1_A04	ZM_0174_B1_A04_T7C	
13987	ZM_0174_B1_A05	ZM_0174_B1_A05_T7C	
13988	ZM_0174_B1_A06	ZM_0174_B1_A06_T7C	
13989	ZM_0174_B1_A07	ZM_0174_B1_A07_T7C	
13990	ZM_0174_B1_A08	ZM_0174_B1_A08_T7C	
13991	ZM_0174_B1_A09	ZM_0174_B1_A09_T7C	
13992	ZM_0174_B1_A10	ZM_0174_B1_A10_T7C	
13993	ZM_0174_B1_A11	ZM_0174_B1_A11_T7C	
13994	ZM_0174_B1_A12	ZM_0174_B1_A12_T7C	
13995	ZM_0174_B1_B01	ZM_0174_B1_B01_T7C	
13996	ZM_0174_B1_B02	ZM_0174_B1_B02_T7C	
13997	ZM_0174_B1_B03	ZM_0174_B1_B03_T7C	
13998	ZM_0174_B1_B04	ZM_0174_B1_B04_T7C	
13999	ZM_0174_B1_B05	ZM_0174_B1_B05_T7C	
14000	ZM_0174_B1_B06	ZM_0174_B1_B06_T7C	
14001	ZM_0174_B1_B07	ZM_0174_B1_B07_T7C	
14002	ZM_0174_B1_B08	ZM_0174_B1_B08_T7C	
14003	ZM_0174_B1_B09	ZM_0174_B1_B09_T7C	
14004	ZM_0174_B1_B10	ZM_0174_B1_B10_T7C	
14005	ZM_0174_B1_B11	ZM_0174_B1_B11_T7C	
14006	ZM_0174_B1_B12	ZM_0174_B1_B12_T7C	
14007	ZM_0174_B1_C01	ZM_0174_B1_C01_T7C	
14008	ZM_0174_B1_C02	ZM_0174_B1_C02_T7C	
14009	ZM_0174_B1_C03	ZM_0174_B1_C03_T7C	
14010	ZM_0174_B1_C04	ZM_0174_B1_C04_T7C	
14011	ZM_0174_B1_C05	ZM_0174_B1_C05_T7C	
14012	ZM_0174_B1_C06	ZM_0174_B1_C06_T7C	
14013	ZM_0174_B1_C07	ZM_0174_B1_C07_T7C	
14014	ZM_0174_B1_C08	ZM_0174_B1_C08_T7C	
14015	ZM_0174_B1_C09	ZM_0174_B1_C09_T7C	
14016	ZM_0174_B1_C10	ZM_0174_B1_C10_T7C	
14017	ZM_0174_B1_C11	ZM_0174_B1_C11_T7C	
14018	ZM_0174_B1_C12	ZM_0174_B1_C12_T7C	
14019	ZM_0174_B1_D01	ZM_0174_B1_D01_T7C	
14020	ZM_0174_B1_D02	ZM_0174_B1_D02_T7C	
14021	ZM_0174_B1_D03	ZM_0174_B1_D03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14022	ZM_0174_B1_D04	ZM_0174_B1_D04_T7C	
14023	ZM_0174_B1_D05	ZM_0174_B1_D05_T7C	
14024	ZM_0174_B1_D06	ZM_0174_B1_D06_T7C	
14025	ZM_0174_B1_D07	ZM_0174_B1_D07_T7C	
14026	ZM_0174_B1_D08	ZM_0174_B1_D08_T7C	
14027	ZM_0174_B1_D09	ZM_0174_B1_D09_T7C	
14028	ZM_0174_B1_D10	ZM_0174_B1_D10_T7C	
14029	ZM_0174_B1_D11	ZM_0174_B1_D11_T7C	
14030	ZM_0174_B1_D12	ZM_0174_B1_D12_T7C	
14031	ZM_0174_B1_E01	ZM_0174_B1_E01_T7C	
14032	ZM_0174_B1_E02	ZM_0174_B1_E02_T7C	
14033	ZM_0174_B1_E03	ZM_0174_B1_E03_T7C	
14034	ZM_0174_B1_E04	ZM_0174_B1_E04_T7C	
14035	ZM_0174_B1_E05	ZM_0174_B1_E05_T7C	
14036	ZM_0174_B1_E06	ZM_0174_B1_E06_T7C	
14037	ZM_0174_B1_E07	ZM_0174_B1_E07_T7C	
14038	ZM_0174_B1_E08	ZM_0174_B1_E08_T7C	
14039	ZM_0174_B1_E09	ZM_0174_B1_E09_T7C	
14040	ZM_0174_B1_E10	ZM_0174_B1_E10_T7C	
14041	ZM_0174_B1_E11	ZM_0174_B1_E11_T7C	
14042	ZM_0174_B1_E12	ZM_0174_B1_E12_T7C	
14043	ZM_0174_B1_F01	ZM_0174_B1_F01_T7C	
14044	ZM_0174_B1_F05	ZM_0174_B1_F05_T7C	
14045	ZM_0174_B1_F06	ZM_0174_B1_F06_T7C	
14046	ZM_0174_B1_F07	ZM_0174_B1_F07_T7C	
14047	ZM_0174_B1_F08	ZM_0174_B1_F08_T7C	
14048	ZM_0174_B1_F10	ZM_0174_B1_F10_T7C	
14049	ZM_0174_B1_F11	ZM_0174_B1_F11_T7C	
14050	ZM_0174_B1_F12	ZM_0174_B1_F12_T7C	
14051	ZM_0174_B1_G01	ZM_0174_B1_G01_T7C	
14052	ZM_0174_B1_G03	ZM_0174_B1_G03_T7C	
14053	ZM_0174_B1_G04	ZM_0174_B1_G04_T7C	
14054	ZM_0174_B1_G05	ZM_0174_B1_G05_T7C	
14055	ZM_0174_B1_G06	ZM_0174_B1_G06_T7C	
14056	ZM_0174_B1_G07	ZM_0174_B1_G07_T7C	
14057	ZM_0174_B1_G08	ZM_0174_B1_G08_T7C	
14058	ZM_0174_B1_G09	ZM_0174_B1_G09_T7C	
14059	ZM_0174_B1_G10	ZM_0174_B1_G10_T7C	
14060	ZM_0174_B1_G11	ZM_0174_B1_G11_T7C	
14061	ZM_0174_B1_G12	ZM_0174_B1_G12_T7C	
14062	ZM_0174_B1_H01	ZM_0174_B1_H01_T7C	
14063	ZM_0174_B1_H02	ZM_0174_B1_H02_T7C	
14064	ZM_0174_B1_H03	ZM_0174_B1_H03_T7C	
14065	ZM_0174_B1_H04	ZM_0174_B1_H04_T7C	
14066	ZM_0174_B1_H05	ZM_0174_B1_H05_T7C	
14067	ZM_0174_B1_H06	ZM_0174_B1_H06_T7C	
14068	ZM_0174_B1_H07	ZM_0174_B1_H07_T7C	
14069	ZM_0174_B1_H08	ZM_0174_B1_H08_T7C	
14070	ZM_0174_B1_H09	ZM_0174_B1_H09_T7C	
14071	ZM_0174_B1_H10	ZM_0174_B1_H10_T7C	
14072	ZM_0174_B1_H11	ZM_0174_B1_H11_T7C	
14073	ZM_0174_B1_H12	ZM_0174_B1_H12_T7C	
14074	ZM_0174_B2_A05	ZM_0174_B2_A05_T7C	
14075	ZM_0174_B2_A07	ZM_0174_B2_A07_T7C	
14076	ZM_0174_B2_A08	ZM_0174_B2_A08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14077	ZM_0174_B2_A09	ZM_0174_B2_A09_T7C	
14078	ZM_0174_B2_A10	ZM_0174_B2_A10_T7C	
14079	ZM_0174_B2_A11	ZM_0174_B2_A11_T7C	
14080	ZM_0174_B2_A12	ZM_0174_B2_A12_T7C	
14081	ZM_0174_B2_B05	ZM_0174_B2_B05_T7C	
14082	ZM_0174_B2_B06	ZM_0174_B2_B06_T7C	
14083	ZM_0174_B2_B07	ZM_0174_B2_B07_T7C	
14084	ZM_0174_B2_B08	ZM_0174_B2_B08_T7C	
14085	ZM_0174_B2_B09	ZM_0174_B2_B09_T7C	
14086	ZM_0174_B2_B10	ZM_0174_B2_B10_T7C	
14087	ZM_0174_B2_B11	ZM_0174_B2_B11_T7C	
14088	ZM_0174_B2_B12	ZM_0174_B2_B12_T7C	
14089	ZM_0174_B2_C05	ZM_0174_B2_C05_T7C	
14090	ZM_0174_B2_C06	ZM_0174_B2_C06_T7C	
14091	ZM_0174_B2_C07	ZM_0174_B2_C07_T7C	
14092	ZM_0174_B2_C08	ZM_0174_B2_C08_T7C	
14093	ZM_0174_B2_C09	ZM_0174_B2_C09_T7C	
14094	ZM_0174_B2_C10	ZM_0174_B2_C10_T7C	
14095	ZM_0174_B2_C11	ZM_0174_B2_C11_T7C	
14096	ZM_0174_B2_C12	ZM_0174_B2_C12_T7C	
14097	ZM_0174_B2_D05	ZM_0174_B2_D05_T7C	
14098	ZM_0174_B2_D06	ZM_0174_B2_D06_T7C	
14099	ZM_0174_B2_D07	ZM_0174_B2_D07_T7C	
14100	ZM_0174_B2_D08	ZM_0174_B2_D08_T7C	
14101	ZM_0174_B2_D09	ZM_0174_B2_D09_T7C	
14102	ZM_0174_B2_D10	ZM_0174_B2_D10_T7C	
14103	ZM_0174_B2_D11	ZM_0174_B2_D11_T7C	
14104	ZM_0174_B2_D12	ZM_0174_B2_D12_T7C	
14105	ZM_0174_B2_E01	ZM_0174_B2_E01_T7C	
14106	ZM_0174_B2_E07	ZM_0174_B2_E07_T7C	
14107	ZM_0174_B2_E08	ZM_0174_B2_E08_T7C	
14108	ZM_0174_B2_E09	ZM_0174_B2_E09_T7C	
14109	ZM_0174_B2_E10	ZM_0174_B2_E10_T7C	
14110	ZM_0174_B2_E11	ZM_0174_B2_E11_T7C	
14111	ZM_0174_B2_E12	ZM_0174_B2_E12_T7C	
14112	ZM_0174_B2_F03	ZM_0174_B2_F03_T7C	
14113	ZM_0174_B2_F07	ZM_0174_B2_F07_T7C	
14114	ZM_0174_B2_F08	ZM_0174_B2_F08_T7C	
14115	ZM_0174_B2_F09	ZM_0174_B2_F09_T7C	
14116	ZM_0174_B2_F10	ZM_0174_B2_F10_T7C	
14117	ZM_0174_B2_F11	ZM_0174_B2_F11_T7C	
14118	ZM_0174_B2_F12	ZM_0174_B2_F12_T7C	
14119	ZM_0174_B2_G06	ZM_0174_B2_G06_T7C	
14120	ZM_0174_B2_G07	ZM_0174_B2_G07_T7C	
14121	ZM_0174_B2_G08	ZM_0174_B2_G08_T7C	
14122	ZM_0174_B2_G09	ZM_0174_B2_G09_T7C	
14123	ZM_0174_B2_G10	ZM_0174_B2_G10_T7C	
14124	ZM_0174_B2_G11	ZM_0174_B2_G11_T7C	
14125	ZM_0174_B2_H05	ZM_0174_B2_H05_T7C	
14126	ZM_0174_B2_H06	ZM_0174_B2_H06_T7C	
14127	ZM_0174_B2_H07	ZM_0174_B2_H07_T7C	
14128	ZM_0174_B2_H08	ZM_0174_B2_H08_T7C	
14129	ZM_0174_B2_H09	ZM_0174_B2_H09_T7C	
14130	ZM_0174_B2_H10	ZM_0174_B2_H10_T7C	
14131	ZM_0174_B2_H11	ZM_0174_B2_H11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14132	ZM_0174_B2_H12	ZM_0174_B2_H12_T7C	
14133	ZM_0175_A1_A01	ZM_0175_A1_A01_T7C	
14134	ZM_0175_A1_A02	ZM_0175_A1_A02_T7C	
14135	ZM_0175_A1_A03	ZM_0175_A1_A03_T7C	
14136	ZM_0175_A1_A04	ZM_0175_A1_A04_T7C	
14137	ZM_0175_A1_A05	ZM_0175_A1_A05_T7C	
14138	ZM_0175_A1_A07	ZM_0175_A1_A07_T7C	
14139	ZM_0175_A1_A08	ZM_0175_A1_A08_T7C	
14140	ZM_0175_A1_A10	ZM_0175_A1_A10_T7C	
14141	ZM_0175_A1_A11	ZM_0175_A1_A11_T7C	
14142	ZM_0175_A1_B01	ZM_0175_A1_B01_T7C	
14143	ZM_0175_A1_B02	ZM_0175_A1_B02_T7C	
14144	ZM_0175_A1_B03	ZM_0175_A1_B03_T7C	
14145	ZM_0175_A1_B06	ZM_0175_A1_B06_T7C	
14146	ZM_0175_A1_B09	ZM_0175_A1_B09_T7C	
14147	ZM_0175_A1_B12	ZM_0175_A1_B12_T7C	
14148	ZM_0175_A1_C02	ZM_0175_A1_C02_T7C	
14149	ZM_0175_A1_C04	ZM_0175_A1_C04_T7C	
14150	ZM_0175_A1_C05	ZM_0175_A1_C05_T7C	
14151	ZM_0175_A1_C06	ZM_0175_A1_C06_T7C	
14152	ZM_0175_A1_C10	ZM_0175_A1_C10_T7C	
14153	ZM_0175_A1_D01	ZM_0175_A1_D01_T7C	
14154	ZM_0175_A1_D02	ZM_0175_A1_D02_T7C	
14155	ZM_0175_A1_D03	ZM_0175_A1_D03_T7C	
14156	ZM_0175_A1_D04	ZM_0175_A1_D04_T7C	
14157	ZM_0175_A1_D05	ZM_0175_A1_D05_T7C	
14158	ZM_0175_A1_D06	ZM_0175_A1_D06_T7C	
14159	ZM_0175_A1_D07	ZM_0175_A1_D07_T7C	
14160	ZM_0175_A1_D08	ZM_0175_A1_D08_T7C	
14161	ZM_0175_A1_D09	ZM_0175_A1_D09_T7C	
14162	ZM_0175_A1_D10	ZM_0175_A1_D10_T7C	
14163	ZM_0175_A1_D11	ZM_0175_A1_D11_T7C	
14164	ZM_0175_A1_D12	ZM_0175_A1_D12_T7C	
14165	ZM_0175_A1_E01	ZM_0175_A1_E01_T7C	
14166	ZM_0175_A1_E02	ZM_0175_A1_E02_T7C	
14167	ZM_0175_A1_E03	ZM_0175_A1_E03_T7C	
14168	ZM_0175_A1_E04	ZM_0175_A1_E04_T7C	
14169	ZM_0175_A1_E06	ZM_0175_A1_E06_T7C	
14170	ZM_0175_A1_E07	ZM_0175_A1_E07_T7C	
14171	ZM_0175_A1_E09	ZM_0175_A1_E09_T7C	
14172	ZM_0175_A1_E10	ZM_0175_A1_E10_T7C	
14173	ZM_0175_A1_E11	ZM_0175_A1_E11_T7C	
14174	ZM_0175_A1_F01	ZM_0175_A1_F01_T7C	
14175	ZM_0175_A1_F06	ZM_0175_A1_F06_T7C	
14176	ZM_0175_A1_F09	ZM_0175_A1_F09_T7C	
14177	ZM_0175_A1_F11	ZM_0175_A1_F11_T7C	
14178	ZM_0175_A1_F12	ZM_0175_A1_F12_T7C	
14179	ZM_0175_A1_G02	ZM_0175_A1_G02_T7C	
14180	ZM_0175_A1_G04	ZM_0175_A1_G04_T7C	
14181	ZM_0175_A1_G05	ZM_0175_A1_G05_T7C	
14182	ZM_0175_A1_G07	ZM_0175_A1_G07_T7C	
14183	ZM_0175_A1_G11	ZM_0175_A1_G11_T7C	
14184	ZM_0175_A1_H04	ZM_0175_A1_H04_T7C	
14185	ZM_0175_A1_H05	ZM_0175_A1_H05_T7C	
14186	ZM_0175_A1_H09	ZM_0175_A1_H09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14187	ZM_0175_A1_H12	ZM_0175_A1_H12_T7C	
14188	ZM_0175_B1_A01	ZM_0175_B1_A01_T7C	
14189	ZM_0175_B1_A03	ZM_0175_B1_A03_T7C	
14190	ZM_0175_B1_A04	ZM_0175_B1_A04_T7C	
14191	ZM_0175_B1_A05	ZM_0175_B1_A05_T7C	
14192	ZM_0175_B1_A06	ZM_0175_B1_A06_T7C	
14193	ZM_0175_B1_A07	ZM_0175_B1_A07_T7C	
14194	ZM_0175_B1_A08	ZM_0175_B1_A08_T7C	
14195	ZM_0175_B1_A09	ZM_0175_B1_A09_T7C	
14196	ZM_0175_B1_A10	ZM_0175_B1_A10_T7C	
14197	ZM_0175_B1_A11	ZM_0175_B1_A11_T7C	
14198	ZM_0175_B1_A12	ZM_0175_B1_A12_T7C	
14199	ZM_0175_B1_B01	ZM_0175_B1_B01_T7C	
14200	ZM_0175_B1_B02	ZM_0175_B1_B02_T7C	
14201	ZM_0175_B1_B04	ZM_0175_B1_B04_T7C	
14202	ZM_0175_B1_B05	ZM_0175_B1_B05_T7C	
14203	ZM_0175_B1_B06	ZM_0175_B1_B06_T7C	
14204	ZM_0175_B1_B07	ZM_0175_B1_B07_T7C	
14205	ZM_0175_B1_B08	ZM_0175_B1_B08_T7C	
14206	ZM_0175_B1_B10	ZM_0175_B1_B10_T7C	
14207	ZM_0175_B1_B11	ZM_0175_B1_B11_T7C	
14208	ZM_0175_B1_B12	ZM_0175_B1_B12_T7C	
14209	ZM_0175_B1_C01	ZM_0175_B1_C01_T7C	
14210	ZM_0175_B1_C02	ZM_0175_B1_C02_T7C	
14211	ZM_0175_B1_C03	ZM_0175_B1_C03_T7C	
14212	ZM_0175_B1_C04	ZM_0175_B1_C04_T7C	
14213	ZM_0175_B1_C05	ZM_0175_B1_C05_T7C	
14214	ZM_0175_B1_C06	ZM_0175_B1_C06_T7C	
14215	ZM_0175_B1_C07	ZM_0175_B1_C07_T7C	
14216	ZM_0175_B1_C08	ZM_0175_B1_C08_T7C	
14217	ZM_0175_B1_C09	ZM_0175_B1_C09_T7C	
14218	ZM_0175_B1_C10	ZM_0175_B1_C10_T7C	
14219	ZM_0175_B1_C12	ZM_0175_B1_C12_T7C	
14220	ZM_0175_B1_D01	ZM_0175_B1_D01_T7C	
14221	ZM_0175_B1_D02	ZM_0175_B1_D02_T7C	
14222	ZM_0175_B1_D03	ZM_0175_B1_D03_T7C	
14223	ZM_0175_B1_D04	ZM_0175_B1_D04_T7C	
14224	ZM_0175_B1_D06	ZM_0175_B1_D06_T7C	
14225	ZM_0175_B1_D07	ZM_0175_B1_D07_T7C	
14226	ZM_0175_B1_D08	ZM_0175_B1_D08_T7C	
14227	ZM_0175_B1_D09	ZM_0175_B1_D09_T7C	
14228	ZM_0175_B1_D10	ZM_0175_B1_D10_T7C	
14229	ZM_0175_B1_D11	ZM_0175_B1_D11_T7C	
14230	ZM_0175_B1_D12	ZM_0175_B1_D12_T7C	
14231	ZM_0175_B1_E01	ZM_0175_B1_E01_T7C	
14232	ZM_0175_B1_E02	ZM_0175_B1_E02_T7C	
14233	ZM_0175_B1_E03	ZM_0175_B1_E03_T7C	
14234	ZM_0175_B1_E04	ZM_0175_B1_E04_T7C	
14235	ZM_0175_B1_E05	ZM_0175_B1_E05_T7C	
14236	ZM_0175_B1_E06	ZM_0175_B1_E06_T7C	
14237	ZM_0175_B1_E07	ZM_0175_B1_E07_T7C	
14238	ZM_0175_B1_E08	ZM_0175_B1_E08_T7C	
14239	ZM_0175_B1_E10	ZM_0175_B1_E10_T7C	
14240	ZM_0175_B1_E12	ZM_0175_B1_E12_T7C	
14241	ZM_0175_B1_F02	ZM_0175_B1_F02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14242	ZM_0175_B1_F03	ZM_0175_B1_F03_T7C	
14243	ZM_0175_B1_F04	ZM_0175_B1_F04_T7C	
14244	ZM_0175_B1_F05	ZM_0175_B1_F05_T7C	
14245	ZM_0175_B1_F06	ZM_0175_B1_F06_T7C	
14246	ZM_0175_B1_F07	ZM_0175_B1_F07_T7C	
14247	ZM_0175_B1_F08	ZM_0175_B1_F08_T7C	
14248	ZM_0175_B1_F09	ZM_0175_B1_F09_T7C	
14249	ZM_0175_B1_F10	ZM_0175_B1_F10_T7C	
14250	ZM_0175_B1_F11	ZM_0175_B1_F11_T7C	
14251	ZM_0175_B1_F12	ZM_0175_B1_F12_T7C	
14252	ZM_0175_B1_G01	ZM_0175_B1_G01_T7C	
14253	ZM_0175_B1_G02	ZM_0175_B1_G02_T7C	
14254	ZM_0175_B1_G03	ZM_0175_B1_G03_T7C	
14255	ZM_0175_B1_G04	ZM_0175_B1_G04_T7C	
14256	ZM_0175_B1_G05	ZM_0175_B1_G05_T7C	
14257	ZM_0175_B1_G06	ZM_0175_B1_G06_T7C	
14258	ZM_0175_B1_G07	ZM_0175_B1_G07_T7C	
14259	ZM_0175_B1_G08	ZM_0175_B1_G08_T7C	
14260	ZM_0175_B1_G09	ZM_0175_B1_G09_T7C	
14261	ZM_0175_B1_G10	ZM_0175_B1_G10_T7C	
14262	ZM_0175_B1_G12	ZM_0175_B1_G12_T7C	
14263	ZM_0175_B1_H01	ZM_0175_B1_H01_T7C	
14264	ZM_0175_B1_H02	ZM_0175_B1_H02_T7C	
14265	ZM_0175_B1_H03	ZM_0175_B1_H03_T7C	
14266	ZM_0175_B1_H04	ZM_0175_B1_H04_T7C	
14267	ZM_0175_B1_H05	ZM_0175_B1_H05_T7C	
14268	ZM_0175_B1_H06	ZM_0175_B1_H06_T7C	
14269	ZM_0175_B1_H07	ZM_0175_B1_H07_T7C	
14270	ZM_0175_B1_H08	ZM_0175_B1_H08_T7C	
14271	ZM_0175_B1_H09	ZM_0175_B1_H09_T7C	
14272	ZM_0175_B1_H11	ZM_0175_B1_H11_T7C	
14273	ZM_0175_B1_H12	ZM_0175_B1_H12_T7C	
14274	ZM_0175_B2_A02	ZM_0175_B2_A02_T7C	
14275	ZM_0175_B2_A03	ZM_0175_B2_A03_T7C	
14276	ZM_0175_B2_A06	ZM_0175_B2_A06_T7C	
14277	ZM_0175_B2_A07	ZM_0175_B2_A07_T7C	
14278	ZM_0175_B2_A08	ZM_0175_B2_A08_T7C	
14279	ZM_0175_B2_A10	ZM_0175_B2_A10_T7C	
14280	ZM_0175_B2_B02	ZM_0175_B2_B02_T7C	
14281	ZM_0175_B2_B06	ZM_0175_B2_B06_T7C	
14282	ZM_0175_B2_B07	ZM_0175_B2_B07_T7C	
14283	ZM_0175_B2_B08	ZM_0175_B2_B08_T7C	
14284	ZM_0175_B2_B09	ZM_0175_B2_B09_T7C	
14285	ZM_0175_B2_B10	ZM_0175_B2_B10_T7C	
14286	ZM_0175_B2_B11	ZM_0175_B2_B11_T7C	
14287	ZM_0175_B2_B12	ZM_0175_B2_B12_T7C	
14288	ZM_0175_B2_C03	ZM_0175_B2_C03_T7C	
14289	ZM_0175_B2_C06	ZM_0175_B2_C06_T7C	
14290	ZM_0175_B2_C07	ZM_0175_B2_C07_T7C	
14291	ZM_0175_B2_C08	ZM_0175_B2_C08_T7C	
14292	ZM_0175_B2_C10	ZM_0175_B2_C10_T7C	
14293	ZM_0175_B2_C11	ZM_0175_B2_C11_T7C	
14294	ZM_0175_B2_C12	ZM_0175_B2_C12_T7C	
14295	ZM_0175_B2_D06	ZM_0175_B2_D06_T7C	
14296	ZM_0175_B2_D07	ZM_0175_B2_D07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14297	ZM_0175_B2_D08	ZM_0175_B2_D08_T7C	
14298	ZM_0175_B2_D09	ZM_0175_B2_D09_T7C	
14299	ZM_0175_B2_D10	ZM_0175_B2_D10_T7C	
14300	ZM_0175_B2_D11	ZM_0175_B2_D11_T7C	
14301	ZM_0175_B2_E01	ZM_0175_B2_E01_T7C	
14302	ZM_0175_B2_E02	ZM_0175_B2_E02_T7C	
14303	ZM_0175_B2_E05	ZM_0175_B2_E05_T7C	
14304	ZM_0175_B2_E06	ZM_0175_B2_E06_T7C	
14305	ZM_0175_B2_E07	ZM_0175_B2_E07_T7C	
14306	ZM_0175_B2_E08	ZM_0175_B2_E08_T7C	
14307	ZM_0175_B2_E09	ZM_0175_B2_E09_T7C	
14308	ZM_0175_B2_E10	ZM_0175_B2_E10_T7C	
14309	ZM_0175_B2_E11	ZM_0175_B2_E11_T7C	
14310	ZM_0175_B2_E12	ZM_0175_B2_E12_T7C	
14311	ZM_0175_B2_F01	ZM_0175_B2_F01_T7C	
14312	ZM_0175_B2_F02	ZM_0175_B2_F02_T7C	
14313	ZM_0175_B2_F03	ZM_0175_B2_F03_T7C	
14314	ZM_0175_B2_F06	ZM_0175_B2_F06_T7C	
14315	ZM_0175_B2_F07	ZM_0175_B2_F07_T7C	
14316	ZM_0175_B2_F08	ZM_0175_B2_F08_T7C	
14317	ZM_0175_B2_F09	ZM_0175_B2_F09_T7C	
14318	ZM_0175_B2_F11	ZM_0175_B2_F11_T7C	
14319	ZM_0175_B2_F12	ZM_0175_B2_F12_T7C	
14320	ZM_0175_B2_G01	ZM_0175_B2_G01_T7C	
14321	ZM_0175_B2_G02	ZM_0175_B2_G02_T7C	
14322	ZM_0175_B2_G05	ZM_0175_B2_G05_T7C	
14323	ZM_0175_B2_G06	ZM_0175_B2_G06_T7C	
14324	ZM_0175_B2_G07	ZM_0175_B2_G07_T7C	
14325	ZM_0175_B2_G08	ZM_0175_B2_G08_T7C	
14326	ZM_0175_B2_G09	ZM_0175_B2_G09_T7C	
14327	ZM_0175_B2_G10	ZM_0175_B2_G10_T7C	
14328	ZM_0175_B2_G11	ZM_0175_B2_G11_T7C	
14329	ZM_0175_B2_G12	ZM_0175_B2_G12_T7C	
14330	ZM_0175_B2_H01	ZM_0175_B2_H01_T7C	
14331	ZM_0175_B2_H02	ZM_0175_B2_H02_T7C	
14332	ZM_0175_B2_H06	ZM_0175_B2_H06_T7C	
14333	ZM_0175_B2_H07	ZM_0175_B2_H07_T7C	
14334	ZM_0175_B2_H09	ZM_0175_B2_H09_T7C	
14335	ZM_0175_B2_H10	ZM_0175_B2_H10_T7C	
14336	ZM_0175_B2_H11	ZM_0175_B2_H11_T7C	
14337	ZM_0175_B2_H12	ZM_0175_B2_H12_T7C	
14338	ZM_0176_A2_A01	ZM_0176_A2_A01_T7C	
14339	ZM_0176_A2_A02	ZM_0176_A2_A02_T7C	
14340	ZM_0176_A2_A05	ZM_0176_A2_A05_T7C	
14341	ZM_0176_A2_A10	ZM_0176_A2_A10_T7C	
14342	ZM_0176_A2_A11	ZM_0176_A2_A11_T7C	
14343	ZM_0176_A2_B01	ZM_0176_A2_B01_T7C	
14344	ZM_0176_A2_B02	ZM_0176_A2_B02_T7C	
14345	ZM_0176_A2_B05	ZM_0176_A2_B05_T7C	
14346	ZM_0176_A2_B06	ZM_0176_A2_B06_T7C	
14347	ZM_0176_A2_B07	ZM_0176_A2_B07_T7C	
14348	ZM_0176_A2_C01	ZM_0176_A2_C01_T7C	
14349	ZM_0176_A2_C02	ZM_0176_A2_C02_T7C	
14350	ZM_0176_A2_C04	ZM_0176_A2_C04_T7C	
14351	ZM_0176_A2_C07	ZM_0176_A2_C07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14352	ZM_0176_A2_C08	ZM_0176_A2_C08_T7C	
14353	ZM_0176_A2_C09	ZM_0176_A2_C09_T7C	
14354	ZM_0176_A2_C10	ZM_0176_A2_C10_T7C	
14355	ZM_0176_A2_C11	ZM_0176_A2_C11_T7C	
14356	ZM_0176_A2_C12	ZM_0176_A2_C12_T7C	
14357	ZM_0176_A2_D01	ZM_0176_A2_D01_T7C	
14358	ZM_0176_A2_D02	ZM_0176_A2_D02_T7C	
14359	ZM_0176_A2_D05	ZM_0176_A2_D05_T7C	
14360	ZM_0176_A2_D07	ZM_0176_A2_D07_T7C	
14361	ZM_0176_A2_D08	ZM_0176_A2_D08_T7C	
14362	ZM_0176_A2_D09	ZM_0176_A2_D09_T7C	
14363	ZM_0176_A2_D10	ZM_0176_A2_D10_T7C	
14364	ZM_0176_A2_D11	ZM_0176_A2_D11_T7C	
14365	ZM_0176_A2_D12	ZM_0176_A2_D12_T7C	
14366	ZM_0176_A2_E01	ZM_0176_A2_E01_T7C	
14367	ZM_0176_A2_E02	ZM_0176_A2_E02_T7C	
14368	ZM_0176_A2_E08	ZM_0176_A2_E08_T7C	
14369	ZM_0176_A2_E10	ZM_0176_A2_E10_T7C	
14370	ZM_0176_A2_E11	ZM_0176_A2_E11_T7C	
14371	ZM_0176_A2_E12	ZM_0176_A2_E12_T7C	
14372	ZM_0176_A2_F01	ZM_0176_A2_F01_T7C	
14373	ZM_0176_A2_F04	ZM_0176_A2_F04_T7C	
14374	ZM_0176_A2_F10	ZM_0176_A2_F10_T7C	
14375	ZM_0176_A2_F12	ZM_0176_A2_F12_T7C	
14376	ZM_0176_A2_G01	ZM_0176_A2_G01_T7C	
14377	ZM_0176_A2_G02	ZM_0176_A2_G02_T7C	
14378	ZM_0176_A2_G11	ZM_0176_A2_G11_T7C	
14379	ZM_0176_A2_H01	ZM_0176_A2_H01_T7C	
14380	ZM_0176_B1_A01	ZM_0176_B1_A01_T7C	
14381	ZM_0176_B1_A02	ZM_0176_B1_A02_T7C	
14382	ZM_0176_B1_A03	ZM_0176_B1_A03_T7C	
14383	ZM_0176_B1_A04	ZM_0176_B1_A04_T7C	
14384	ZM_0176_B1_A05	ZM_0176_B1_A05_T7C	
14385	ZM_0176_B1_A06	ZM_0176_B1_A06_T7C	
14386	ZM_0176_B1_A07	ZM_0176_B1_A07_T7C	
14387	ZM_0176_B1_A08	ZM_0176_B1_A08_T7C	
14388	ZM_0176_B1_A09	ZM_0176_B1_A09_T7C	
14389	ZM_0176_B1_A10	ZM_0176_B1_A10_T7C	
14390	ZM_0176_B1_A11	ZM_0176_B1_A11_T7C	
14391	ZM_0176_B1_A12	ZM_0176_B1_A12_T7C	
14392	ZM_0176_B1_B01	ZM_0176_B1_B01_T7C	
14393	ZM_0176_B1_B02	ZM_0176_B1_B02_T7C	
14394	ZM_0176_B1_B04	ZM_0176_B1_B04_T7C	
14395	ZM_0176_B1_B05	ZM_0176_B1_B05_T7C	
14396	ZM_0176_B1_B06	ZM_0176_B1_B06_T7C	
14397	ZM_0176_B1_B07	ZM_0176_B1_B07_T7C	
14398	ZM_0176_B1_B09	ZM_0176_B1_B09_T7C	
14399	ZM_0176_B1_B10	ZM_0176_B1_B10_T7C	
14400	ZM_0176_B1_B11	ZM_0176_B1_B11_T7C	
14401	ZM_0176_B1_B12	ZM_0176_B1_B12_T7C	
14402	ZM_0176_B1_C01	ZM_0176_B1_C01_T7C	
14403	ZM_0176_B1_C02	ZM_0176_B1_C02_T7C	
14404	ZM_0176_B1_C03	ZM_0176_B1_C03_T7C	
14405	ZM_0176_B1_C04	ZM_0176_B1_C04_T7C	
14406	ZM_0176_B1_C05	ZM_0176_B1_C05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14407	ZM_0176_B1_C06	ZM_0176_B1_C06_T7C	
14408	ZM_0176_B1_C07	ZM_0176_B1_C07_T7C	
14409	ZM_0176_B1_C09	ZM_0176_B1_C09_T7C	
14410	ZM_0176_B1_C10	ZM_0176_B1_C10_T7C	
14411	ZM_0176_B1_C11	ZM_0176_B1_C11_T7C	
14412	ZM_0176_B1_C12	ZM_0176_B1_C12_T7C	
14413	ZM_0176_B1_D01	ZM_0176_B1_D01_T7C	
14414	ZM_0176_B1_D02	ZM_0176_B1_D02_T7C	
14415	ZM_0176_B1_D03	ZM_0176_B1_D03_T7C	
14416	ZM_0176_B1_D05	ZM_0176_B1_D05_T7C	
14417	ZM_0176_B1_D06	ZM_0176_B1_D06_T7C	
14418	ZM_0176_B1_D07	ZM_0176_B1_D07_T7C	
14419	ZM_0176_B1_D08	ZM_0176_B1_D08_T7C	
14420	ZM_0176_B1_D09	ZM_0176_B1_D09_T7C	
14421	ZM_0176_B1_D10	ZM_0176_B1_D10_T7C	
14422	ZM_0176_B1_D11	ZM_0176_B1_D11_T7C	
14423	ZM_0176_B1_D12	ZM_0176_B1_D12_T7C	
14424	ZM_0176_B1_E01	ZM_0176_B1_E01_T7C	
14425	ZM_0176_B1_E02	ZM_0176_B1_E02_T7C	
14426	ZM_0176_B1_E03	ZM_0176_B1_E03_T7C	
14427	ZM_0176_B1_E04	ZM_0176_B1_E04_T7C	
14428	ZM_0176_B1_E05	ZM_0176_B1_E05_T7C	
14429	ZM_0176_B1_E06	ZM_0176_B1_E06_T7C	
14430	ZM_0176_B1_E07	ZM_0176_B1_E07_T7C	
14431	ZM_0176_B1_E09	ZM_0176_B1_E09_T7C	
14432	ZM_0176_B1_E10	ZM_0176_B1_E10_T7C	
14433	ZM_0176_B1_E11	ZM_0176_B1_E11_T7C	
14434	ZM_0176_B1_E12	ZM_0176_B1_E12_T7C	
14435	ZM_0176_B1_F01	ZM_0176_B1_F01_T7C	
14436	ZM_0176_B1_F03	ZM_0176_B1_F03_T7C	
14437	ZM_0176_B1_F04	ZM_0176_B1_F04_T7C	
14438	ZM_0176_B1_F05	ZM_0176_B1_F05_T7C	
14439	ZM_0176_B1_F06	ZM_0176_B1_F06_T7C	
14440	ZM_0176_B1_F07	ZM_0176_B1_F07_T7C	
14441	ZM_0176_B1_F08	ZM_0176_B1_F08_T7C	
14442	ZM_0176_B1_F09	ZM_0176_B1_F09_T7C	
14443	ZM_0176_B1_F10	ZM_0176_B1_F10_T7C	
14444	ZM_0176_B1_F11	ZM_0176_B1_F11_T7C	
14445	ZM_0176_B1_F12	ZM_0176_B1_F12_T7C	
14446	ZM_0176_B1_G01	ZM_0176_B1_G01_T7C	
14447	ZM_0176_B1_G02	ZM_0176_B1_G02_T7C	
14448	ZM_0176_B1_G03	ZM_0176_B1_G03_T7C	
14449	ZM_0176_B1_G04	ZM_0176_B1_G04_T7C	
14450	ZM_0176_B1_G05	ZM_0176_B1_G05_T7C	
14451	ZM_0176_B1_G06	ZM_0176_B1_G06_T7C	
14452	ZM_0176_B1_G07	ZM_0176_B1_G07_T7C	
14453	ZM_0176_B1_G08	ZM_0176_B1_G08_T7C	
14454	ZM_0176_B1_G09	ZM_0176_B1_G09_T7C	
14455	ZM_0176_B1_G10	ZM_0176_B1_G10_T7C	
14456	ZM_0176_B1_G11	ZM_0176_B1_G11_T7C	
14457	ZM_0176_B1_G12	ZM_0176_B1_G12_T7C	
14458	ZM_0176_B1_H01	ZM_0176_B1_H01_T7C	
14459	ZM_0176_B1_H02	ZM_0176_B1_H02_T7C	
14460	ZM_0176_B1_H03	ZM_0176_B1_H03_T7C	
14461	ZM_0176_B1_H04	ZM_0176_B1_H04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14462	ZM_0176_B1_H05	ZM_0176_B1_H05_T7C	
14463	ZM_0176_B1_H06	ZM_0176_B1_H06_T7C	
14464	ZM_0176_B1_H07	ZM_0176_B1_H07_T7C	
14465	ZM_0176_B1_H08	ZM_0176_B1_H08_T7C	
14466	ZM_0176_B1_H09	ZM_0176_B1_H09_T7C	
14467	ZM_0176_B1_H10	ZM_0176_B1_H10_T7C	
14468	ZM_0176_B1_H11	ZM_0176_B1_H11_T7C	
14469	ZM_0176_B1_H12	ZM_0176_B1_H12_T7C	
14470	ZM_0176_B2_A08	ZM_0176_B2_A08_T7C	
14471	ZM_0176_B2_A09	ZM_0176_B2_A09_T7C	
14472	ZM_0176_B2_A10	ZM_0176_B2_A10_T7C	
14473	ZM_0176_B2_A12	ZM_0176_B2_A12_T7C	
14474	ZM_0176_B2_B05	ZM_0176_B2_B05_T7C	
14475	ZM_0176_B2_B07	ZM_0176_B2_B07_T7C	
14476	ZM_0176_B2_B09	ZM_0176_B2_B09_T7C	
14477	ZM_0176_B2_C07	ZM_0176_B2_C07_T7C	
14478	ZM_0176_B2_C08	ZM_0176_B2_C08_T7C	
14479	ZM_0176_B2_C11	ZM_0176_B2_C11_T7C	
14480	ZM_0176_B2_D05	ZM_0176_B2_D05_T7C	
14481	ZM_0176_B2_D06	ZM_0176_B2_D06_T7C	
14482	ZM_0176_B2_D08	ZM_0176_B2_D08_T7C	
14483	ZM_0176_B2_E01	ZM_0176_B2_E01_T7C	
14484	ZM_0176_B2_E04	ZM_0176_B2_E04_T7C	
14485	ZM_0176_B2_E06	ZM_0176_B2_E06_T7C	
14486	ZM_0176_B2_E07	ZM_0176_B2_E07_T7C	
14487	ZM_0176_B2_E08	ZM_0176_B2_E08_T7C	
14488	ZM_0176_B2_E09	ZM_0176_B2_E09_T7C	
14489	ZM_0176_B2_F07	ZM_0176_B2_F07_T7C	
14490	ZM_0176_B2_F08	ZM_0176_B2_F08_T7C	
14491	ZM_0176_B2_F12	ZM_0176_B2_F12_T7C	
14492	ZM_0176_B2_G01	ZM_0176_B2_G01_T7C	
14493	ZM_0176_B2_G04	ZM_0176_B2_G04_T7C	
14494	ZM_0176_B2_G08	ZM_0176_B2_G08_T7C	
14495	ZM_0176_B2_G10	ZM_0176_B2_G10_T7C	
14496	ZM_0176_B2_G12	ZM_0176_B2_G12_T7C	
14497	ZM_0176_B2_H08	ZM_0176_B2_H08_T7C	
14498	ZM_0176_B2_H09	ZM_0176_B2_H09_T7C	
14499	ZM_0176_B2_H12	ZM_0176_B2_H12_T7C	
14500	ZM_0177_B1_A02	ZM_0177_B1_A02_T7C	
14501	ZM_0177_B1_A03	ZM_0177_B1_A03_T7C	
14502	ZM_0177_B1_A04	ZM_0177_B1_A04_T7C	
14503	ZM_0177_B1_A05	ZM_0177_B1_A05_T7C	
14504	ZM_0177_B1_A07	ZM_0177_B1_A07_T7C	
14505	ZM_0177_B1_A09	ZM_0177_B1_A09_T7C	
14506	ZM_0177_B1_A10	ZM_0177_B1_A10_T7C	
14507	ZM_0177_B1_A11	ZM_0177_B1_A11_T7C	
14508	ZM_0177_B1_A12	ZM_0177_B1_A12_T7C	
14509	ZM_0177_B1_B01	ZM_0177_B1_B01_T7C	
14510	ZM_0177_B1_B02	ZM_0177_B1_B02_T7C	
14511	ZM_0177_B1_B03	ZM_0177_B1_B03_T7C	
14512	ZM_0177_B1_B04	ZM_0177_B1_B04_T7C	
14513	ZM_0177_B1_B05	ZM_0177_B1_B05_T7C	
14514	ZM_0177_B1_B06	ZM_0177_B1_B06_T7C	
14515	ZM_0177_B1_B08	ZM_0177_B1_B08_T7C	
14516	ZM_0177_B1_B09	ZM_0177_B1_B09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14517	ZM_0177_B1_B10	ZM_0177_B1_B10_T7C	
14518	ZM_0177_B1_B11	ZM_0177_B1_B11_T7C	
14519	ZM_0177_B1_B12	ZM_0177_B1_B12_T7C	
14520	ZM_0177_B1_C01	ZM_0177_B1_C01_T7C	
14521	ZM_0177_B1_C02	ZM_0177_B1_C02_T7C	
14522	ZM_0177_B1_C03	ZM_0177_B1_C03_T7C	
14523	ZM_0177_B1_C05	ZM_0177_B1_C05_T7C	
14524	ZM_0177_B1_C07	ZM_0177_B1_C07_T7C	
14525	ZM_0177_B1_C08	ZM_0177_B1_C08_T7C	
14526	ZM_0177_B1_C09	ZM_0177_B1_C09_T7C	
14527	ZM_0177_B1_C10	ZM_0177_B1_C10_T7C	
14528	ZM_0177_B1_D01	ZM_0177_B1_D01_T7C	
14529	ZM_0177_B1_D02	ZM_0177_B1_D02_T7C	
14530	ZM_0177_B1_D03	ZM_0177_B1_D03_T7C	
14531	ZM_0177_B1_D04	ZM_0177_B1_D04_T7C	
14532	ZM_0177_B1_D05	ZM_0177_B1_D05_T7C	
14533	ZM_0177_B1_D07	ZM_0177_B1_D07_T7C	
14534	ZM_0177_B1_D08	ZM_0177_B1_D08_T7C	
14535	ZM_0177_B1_D09	ZM_0177_B1_D09_T7C	
14536	ZM_0177_B1_D10	ZM_0177_B1_D10_T7C	
14537	ZM_0177_B1_D11	ZM_0177_B1_D11_T7C	
14538	ZM_0177_B1_D12	ZM_0177_B1_D12_T7C	
14539	ZM_0177_B1_E02	ZM_0177_B1_E02_T7C	
14540	ZM_0177_B1_E03	ZM_0177_B1_E03_T7C	
14541	ZM_0177_B1_E04	ZM_0177_B1_E04_T7C	
14542	ZM_0177_B1_E05	ZM_0177_B1_E05_T7C	
14543	ZM_0177_B1_E06	ZM_0177_B1_E06_T7C	
14544	ZM_0177_B1_E07	ZM_0177_B1_E07_T7C	
14545	ZM_0177_B1_E08	ZM_0177_B1_E08_T7C	
14546	ZM_0177_B1_E10	ZM_0177_B1_E10_T7C	
14547	ZM_0177_B1_F01	ZM_0177_B1_F01_T7C	
14548	ZM_0177_B1_F02	ZM_0177_B1_F02_T7C	
14549	ZM_0177_B1_F03	ZM_0177_B1_F03_T7C	
14550	ZM_0177_B1_F04	ZM_0177_B1_F04_T7C	
14551	ZM_0177_B1_F05	ZM_0177_B1_F05_T7C	
14552	ZM_0177_B1_F06	ZM_0177_B1_F06_T7C	
14553	ZM_0177_B1_F07	ZM_0177_B1_F07_T7C	
14554	ZM_0177_B1_F08	ZM_0177_B1_F08_T7C	
14555	ZM_0177_B1_F09	ZM_0177_B1_F09_T7C	
14556	ZM_0177_B1_F10	ZM_0177_B1_F10_T7C	
14557	ZM_0177_B1_F11	ZM_0177_B1_F11_T7C	
14558	ZM_0177_B1_G01	ZM_0177_B1_G01_T7C	
14559	ZM_0177_B1_G02	ZM_0177_B1_G02_T7C	
14560	ZM_0177_B1_G03	ZM_0177_B1_G03_T7C	
14561	ZM_0177_B1_G04	ZM_0177_B1_G04_T7C	
14562	ZM_0177_B1_G06	ZM_0177_B1_G06_T7C	
14563	ZM_0177_B1_G07	ZM_0177_B1_G07_T7C	
14564	ZM_0177_B1_G08	ZM_0177_B1_G08_T7C	
14565	ZM_0177_B1_G09	ZM_0177_B1_G09_T7C	
14566	ZM_0177_B1_G10	ZM_0177_B1_G10_T7C	
14567	ZM_0177_B1_G12	ZM_0177_B1_G12_T7C	
14568	ZM_0177_B1_H02	ZM_0177_B1_H02_T7C	
14569	ZM_0177_B1_H03	ZM_0177_B1_H03_T7C	
14570	ZM_0177_B1_H04	ZM_0177_B1_H04_T7C	
14571	ZM_0177_B1_H05	ZM_0177_B1_H05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14572	ZM_0177_B1_H07	ZM_0177_B1_H07_T7C	
14573	ZM_0177_B1_H08	ZM_0177_B1_H08_T7C	
14574	ZM_0177_B1_H09	ZM_0177_B1_H09_T7C	
14575	ZM_0177_B1_H11	ZM_0177_B1_H11_T7C	
14576	ZM_0177_B2_A07	ZM_0177_B2_A07_T7C	
14577	ZM_0177_B2_A08	ZM_0177_B2_A08_T7C	
14578	ZM_0177_B2_A09	ZM_0177_B2_A09_T7C	
14579	ZM_0177_B2_A10	ZM_0177_B2_A10_T7C	
14580	ZM_0177_B2_A11	ZM_0177_B2_A11_T7C	
14581	ZM_0177_B2_A12	ZM_0177_B2_A12_T7C	
14582	ZM_0177_B2_B06	ZM_0177_B2_B06_T7C	
14583	ZM_0177_B2_B07	ZM_0177_B2_B07_T7C	
14584	ZM_0177_B2_B08	ZM_0177_B2_B08_T7C	
14585	ZM_0177_B2_B10	ZM_0177_B2_B10_T7C	
14586	ZM_0177_B2_B11	ZM_0177_B2_B11_T7C	
14587	ZM_0177_B2_C06	ZM_0177_B2_C06_T7C	
14588	ZM_0177_B2_C07	ZM_0177_B2_C07_T7C	
14589	ZM_0177_B2_C08	ZM_0177_B2_C08_T7C	
14590	ZM_0177_B2_C09	ZM_0177_B2_C09_T7C	
14591	ZM_0177_B2_C10	ZM_0177_B2_C10_T7C	
14592	ZM_0177_B2_C12	ZM_0177_B2_C12_T7C	
14593	ZM_0177_B2_D05	ZM_0177_B2_D05_T7C	
14594	ZM_0177_B2_D06	ZM_0177_B2_D06_T7C	
14595	ZM_0177_B2_D07	ZM_0177_B2_D07_T7C	
14596	ZM_0177_B2_D09	ZM_0177_B2_D09_T7C	
14597	ZM_0177_B2_D10	ZM_0177_B2_D10_T7C	
14598	ZM_0177_B2_D11	ZM_0177_B2_D11_T7C	
14599	ZM_0177_B2_D12	ZM_0177_B2_D12_T7C	
14600	ZM_0177_B2_E06	ZM_0177_B2_E06_T7C	
14601	ZM_0177_B2_E07	ZM_0177_B2_E07_T7C	
14602	ZM_0177_B2_E08	ZM_0177_B2_E08_T7C	
14603	ZM_0177_B2_E10	ZM_0177_B2_E10_T7C	
14604	ZM_0177_B2_E11	ZM_0177_B2_E11_T7C	
14605	ZM_0177_B2_F05	ZM_0177_B2_F05_T7C	
14606	ZM_0177_B2_F06	ZM_0177_B2_F06_T7C	
14607	ZM_0177_B2_F07	ZM_0177_B2_F07_T7C	
14608	ZM_0177_B2_F08	ZM_0177_B2_F08_T7C	
14609	ZM_0177_B2_F09	ZM_0177_B2_F09_T7C	
14610	ZM_0177_B2_F10	ZM_0177_B2_F10_T7C	
14611	ZM_0177_B2_F12	ZM_0177_B2_F12_T7C	
14612	ZM_0177_B2_G01	ZM_0177_B2_G01_T7C	
14613	ZM_0177_B2_G07	ZM_0177_B2_G07_T7C	
14614	ZM_0177_B2_G08	ZM_0177_B2_G08_T7C	
14615	ZM_0177_B2_G10	ZM_0177_B2_G10_T7C	
14616	ZM_0177_B2_G12	ZM_0177_B2_G12_T7C	
14617	ZM_0177_B2_H06	ZM_0177_B2_H06_T7C	
14618	ZM_0177_B2_H07	ZM_0177_B2_H07_T7C	
14619	ZM_0177_B2_H08	ZM_0177_B2_H08_T7C	
14620	ZM_0177_B2_H10	ZM_0177_B2_H10_T7C	
14621	ZM_0177_B2_H12	ZM_0177_B2_H12_T7C	
14622	ZM_0178_B1_A01	ZM_0178_B1_A01_T7C	
14623	ZM_0178_B1_A03	ZM_0178_B1_A03_T7C	
14624	ZM_0178_B1_A08	ZM_0178_B1_A08_T7C	
14625	ZM_0178_B1_A09	ZM_0178_B1_A09_T7C	
14626	ZM_0178_B1_A11	ZM_0178_B1_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14627	ZM_0178_B1_A12	ZM_0178_B1_A12_T7C	
14628	ZM_0178_B1_B04	ZM_0178_B1_B04_T7C	
14629	ZM_0178_B1_B05	ZM_0178_B1_B05_T7C	
14630	ZM_0178_B1_B06	ZM_0178_B1_B06_T7C	
14631	ZM_0178_B1_B09	ZM_0178_B1_B09_T7C	
14632	ZM_0178_B1_B11	ZM_0178_B1_B11_T7C	
14633	ZM_0178_B1_B12	ZM_0178_B1_B12_T7C	
14634	ZM_0178_B1_C01	ZM_0178_B1_C01_T7C	
14635	ZM_0178_B1_C02	ZM_0178_B1_C02_T7C	
14636	ZM_0178_B1_C04	ZM_0178_B1_C04_T7C	
14637	ZM_0178_B1_C05	ZM_0178_B1_C05_T7C	
14638	ZM_0178_B1_C06	ZM_0178_B1_C06_T7C	
14639	ZM_0178_B1_C07	ZM_0178_B1_C07_T7C	
14640	ZM_0178_B1_C08	ZM_0178_B1_C08_T7C	
14641	ZM_0178_B1_C09	ZM_0178_B1_C09_T7C	
14642	ZM_0178_B1_C10	ZM_0178_B1_C10_T7C	
14643	ZM_0178_B1_C11	ZM_0178_B1_C11_T7C	
14644	ZM_0178_B1_C12	ZM_0178_B1_C12_T7C	
14645	ZM_0178_B1_D01	ZM_0178_B1_D01_T7C	
14646	ZM_0178_B1_D02	ZM_0178_B1_D02_T7C	
14647	ZM_0178_B1_D03	ZM_0178_B1_D03_T7C	
14648	ZM_0178_B1_D04	ZM_0178_B1_D04_T7C	
14649	ZM_0178_B1_D05	ZM_0178_B1_D05_T7C	
14650	ZM_0178_B1_D08	ZM_0178_B1_D08_T7C	
14651	ZM_0178_B1_D09	ZM_0178_B1_D09_T7C	
14652	ZM_0178_B1_D10	ZM_0178_B1_D10_T7C	
14653	ZM_0178_B1_D12	ZM_0178_B1_D12_T7C	
14654	ZM_0178_B1_E01	ZM_0178_B1_E01_T7C	
14655	ZM_0178_B1_E02	ZM_0178_B1_E02_T7C	
14656	ZM_0178_B1_E05	ZM_0178_B1_E05_T7C	
14657	ZM_0178_B1_E06	ZM_0178_B1_E06_T7C	
14658	ZM_0178_B1_E07	ZM_0178_B1_E07_T7C	
14659	ZM_0178_B1_E08	ZM_0178_B1_E08_T7C	
14660	ZM_0178_B1_E09	ZM_0178_B1_E09_T7C	
14661	ZM_0178_B1_E12	ZM_0178_B1_E12_T7C	
14662	ZM_0178_B1_F01	ZM_0178_B1_F01_T7C	
14663	ZM_0178_B1_F02	ZM_0178_B1_F02_T7C	
14664	ZM_0178_B1_F07	ZM_0178_B1_F07_T7C	
14665	ZM_0178_B1_F08	ZM_0178_B1_F08_T7C	
14666	ZM_0178_B1_F11	ZM_0178_B1_F11_T7C	
14667	ZM_0178_B1_F12	ZM_0178_B1_F12_T7C	
14668	ZM_0178_B1_G01	ZM_0178_B1_G01_T7C	
14669	ZM_0178_B1_G02	ZM_0178_B1_G02_T7C	
14670	ZM_0178_B1_G03	ZM_0178_B1_G03_T7C	
14671	ZM_0178_B1_G04	ZM_0178_B1_G04_T7C	
14672	ZM_0178_B1_G05	ZM_0178_B1_G05_T7C	
14673	ZM_0178_B1_G06	ZM_0178_B1_G06_T7C	
14674	ZM_0178_B1_G07	ZM_0178_B1_G07_T7C	
14675	ZM_0178_B1_G08	ZM_0178_B1_G08_T7C	
14676	ZM_0178_B1_G09	ZM_0178_B1_G09_T7C	
14677	ZM_0178_B1_G10	ZM_0178_B1_G10_T7C	
14678	ZM_0178_B1_G11	ZM_0178_B1_G11_T7C	
14679	ZM_0178_B1_G12	ZM_0178_B1_G12_T7C	
14680	ZM_0178_B1_H01	ZM_0178_B1_H01_T7C	
14681	ZM_0178_B1_H02	ZM_0178_B1_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14682	ZM_0178_B1_H04	ZM_0178_B1_H04_T7C	
14683	ZM_0178_B1_H05	ZM_0178_B1_H05_T7C	
14684	ZM_0178_B1_H07	ZM_0178_B1_H07_T7C	
14685	ZM_0178_B1_H08	ZM_0178_B1_H08_T7C	
14686	ZM_0178_B1_H09	ZM_0178_B1_H09_T7C	
14687	ZM_0178_B1_H10	ZM_0178_B1_H10_T7C	
14688	ZM_0178_B1_H11	ZM_0178_B1_H11_T7C	
14689	ZM_0178_B1_H12	ZM_0178_B1_H12_T7C	
14690	ZM_0178_B2_A02	ZM_0178_B2_A02_T7C	
14691	ZM_0178_B2_A05	ZM_0178_B2_A05_T7C	
14692	ZM_0178_B2_A12	ZM_0178_B2_A12_T7C	
14693	ZM_0178_B2_B03	ZM_0178_B2_B03_T7C	
14694	ZM_0178_B2_B05	ZM_0178_B2_B05_T7C	
14695	ZM_0178_B2_B11	ZM_0178_B2_B11_T7C	
14696	ZM_0178_B2_B12	ZM_0178_B2_B12_T7C	
14697	ZM_0178_B2_C02	ZM_0178_B2_C02_T7C	
14698	ZM_0178_B2_C03	ZM_0178_B2_C03_T7C	
14699	ZM_0178_B2_C05	ZM_0178_B2_C05_T7C	
14700	ZM_0178_B2_C07	ZM_0178_B2_C07_T7C	
14701	ZM_0178_B2_C11	ZM_0178_B2_C11_T7C	
14702	ZM_0178_B2_C12	ZM_0178_B2_C12_T7C	
14703	ZM_0178_B2_D02	ZM_0178_B2_D02_T7C	
14704	ZM_0178_B2_D03	ZM_0178_B2_D03_T7C	
14705	ZM_0178_B2_D05	ZM_0178_B2_D05_T7C	
14706	ZM_0178_B2_D06	ZM_0178_B2_D06_T7C	
14707	ZM_0178_B2_D08	ZM_0178_B2_D08_T7C	
14708	ZM_0178_B2_D09	ZM_0178_B2_D09_T7C	
14709	ZM_0178_B2_D10	ZM_0178_B2_D10_T7C	
14710	ZM_0178_B2_D11	ZM_0178_B2_D11_T7C	
14711	ZM_0178_B2_E02	ZM_0178_B2_E02_T7C	
14712	ZM_0178_B2_E03	ZM_0178_B2_E03_T7C	
14713	ZM_0178_B2_E05	ZM_0178_B2_E05_T7C	
14714	ZM_0178_B2_E06	ZM_0178_B2_E06_T7C	
14715	ZM_0178_B2_E08	ZM_0178_B2_E08_T7C	
14716	ZM_0178_B2_E09	ZM_0178_B2_E09_T7C	
14717	ZM_0178_B2_E10	ZM_0178_B2_E10_T7C	
14718	ZM_0178_B2_E12	ZM_0178_B2_E12_T7C	
14719	ZM_0178_B2_F03	ZM_0178_B2_F03_T7C	
14720	ZM_0178_B2_F05	ZM_0178_B2_F05_T7C	
14721	ZM_0178_B2_F06	ZM_0178_B2_F06_T7C	
14722	ZM_0178_B2_F09	ZM_0178_B2_F09_T7C	
14723	ZM_0178_B2_F10	ZM_0178_B2_F10_T7C	
14724	ZM_0178_B2_F11	ZM_0178_B2_F11_T7C	
14725	ZM_0178_B2_G01	ZM_0178_B2_G01_T7C	
14726	ZM_0178_B2_G03	ZM_0178_B2_G03_T7C	
14727	ZM_0178_B2_G05	ZM_0178_B2_G05_T7C	
14728	ZM_0178_B2_G06	ZM_0178_B2_G06_T7C	
14729	ZM_0178_B2_G08	ZM_0178_B2_G08_T7C	
14730	ZM_0178_B2_G09	ZM_0178_B2_G09_T7C	
14731	ZM_0178_B2_G11	ZM_0178_B2_G11_T7C	
14732	ZM_0178_B2_G12	ZM_0178_B2_G12_T7C	
14733	ZM_0178_B2_H03	ZM_0178_B2_H03_T7C	
14734	ZM_0178_B2_H05	ZM_0178_B2_H05_T7C	
14735	ZM_0178_B2_H06	ZM_0178_B2_H06_T7C	
14736	ZM_0178_B2_H07	ZM_0178_B2_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14737	ZM_0178_B2_H09	ZM_0178_B2_H09_T7C	
14738	ZM_0178_B2_H10	ZM_0178_B2_H10_T7C	
14739	ZM_0178_B2_H11	ZM_0178_B2_H11_T7C	
14740	ZM_0178_B2_H12	ZM_0178_B2_H12_T7C	
14741	ZM_0179_A2_A01	ZM_0179_A2_A01_T7C	
14742	ZM_0179_A2_A02	ZM_0179_A2_A02_T7C	
14743	ZM_0179_A2_A03	ZM_0179_A2_A03_T7C	
14744	ZM_0179_A2_A04	ZM_0179_A2_A04_T7C	
14745	ZM_0179_A2_A05	ZM_0179_A2_A05_T7C	
14746	ZM_0179_A2_A06	ZM_0179_A2_A06_T7C	
14747	ZM_0179_A2_A07	ZM_0179_A2_A07_T7C	
14748	ZM_0179_A2_A08	ZM_0179_A2_A08_T7C	
14749	ZM_0179_A2_A09	ZM_0179_A2_A09_T7C	
14750	ZM_0179_A2_A12	ZM_0179_A2_A12_T7C	
14751	ZM_0179_A2_B01	ZM_0179_A2_B01_T7C	
14752	ZM_0179_A2_B03	ZM_0179_A2_B03_T7C	
14753	ZM_0179_A2_B04	ZM_0179_A2_B04_T7C	
14754	ZM_0179_A2_B05	ZM_0179_A2_B05_T7C	
14755	ZM_0179_A2_B06	ZM_0179_A2_B06_T7C	
14756	ZM_0179_A2_B07	ZM_0179_A2_B07_T7C	
14757	ZM_0179_A2_B08	ZM_0179_A2_B08_T7C	
14758	ZM_0179_A2_B09	ZM_0179_A2_B09_T7C	
14759	ZM_0179_A2_B11	ZM_0179_A2_B11_T7C	
14760	ZM_0179_A2_B12	ZM_0179_A2_B12_T7C	
14761	ZM_0179_A2_C01	ZM_0179_A2_C01_T7C	
14762	ZM_0179_A2_C02	ZM_0179_A2_C02_T7C	
14763	ZM_0179_A2_C03	ZM_0179_A2_C03_T7C	
14764	ZM_0179_A2_C04	ZM_0179_A2_C04_T7C	
14765	ZM_0179_A2_C05	ZM_0179_A2_C05_T7C	
14766	ZM_0179_A2_C07	ZM_0179_A2_C07_T7C	
14767	ZM_0179_A2_C08	ZM_0179_A2_C08_T7C	
14768	ZM_0179_A2_C09	ZM_0179_A2_C09_T7C	
14769	ZM_0179_A2_C11	ZM_0179_A2_C11_T7C	
14770	ZM_0179_A2_C12	ZM_0179_A2_C12_T7C	
14771	ZM_0179_A2_D01	ZM_0179_A2_D01_T7C	
14772	ZM_0179_A2_D02	ZM_0179_A2_D02_T7C	
14773	ZM_0179_A2_D03	ZM_0179_A2_D03_T7C	
14774	ZM_0179_A2_D04	ZM_0179_A2_D04_T7C	
14775	ZM_0179_A2_D05	ZM_0179_A2_D05_T7C	
14776	ZM_0179_A2_D07	ZM_0179_A2_D07_T7C	
14777	ZM_0179_A2_D08	ZM_0179_A2_D08_T7C	
14778	ZM_0179_A2_D09	ZM_0179_A2_D09_T7C	
14779	ZM_0179_A2_D10	ZM_0179_A2_D10_T7C	
14780	ZM_0179_A2_D11	ZM_0179_A2_D11_T7C	
14781	ZM_0179_A2_D12	ZM_0179_A2_D12_T7C	
14782	ZM_0179_A2_E01	ZM_0179_A2_E01_T7C	
14783	ZM_0179_A2_E02	ZM_0179_A2_E02_T7C	
14784	ZM_0179_A2_E03	ZM_0179_A2_E03_T7C	
14785	ZM_0179_A2_E04	ZM_0179_A2_E04_T7C	
14786	ZM_0179_A2_E05	ZM_0179_A2_E05_T7C	
14787	ZM_0179_A2_E06	ZM_0179_A2_E06_T7C	
14788	ZM_0179_A2_E07	ZM_0179_A2_E07_T7C	
14789	ZM_0179_A2_E09	ZM_0179_A2_E09_T7C	
14790	ZM_0179_A2_E10	ZM_0179_A2_E10_T7C	
14791	ZM_0179_A2_E11	ZM_0179_A2_E11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14792	ZM_0179_A2_E12	ZM_0179_A2_E12_T7C	
14793	ZM_0179_A2_F02	ZM_0179_A2_F02_T7C	
14794	ZM_0179_A2_F03	ZM_0179_A2_F03_T7C	
14795	ZM_0179_A2_F04	ZM_0179_A2_F04_T7C	
14796	ZM_0179_A2_F05	ZM_0179_A2_F05_T7C	
14797	ZM_0179_A2_F06	ZM_0179_A2_F06_T7C	
14798	ZM_0179_A2_F07	ZM_0179_A2_F07_T7C	
14799	ZM_0179_A2_F08	ZM_0179_A2_F08_T7C	
14800	ZM_0179_A2_F09	ZM_0179_A2_F09_T7C	
14801	ZM_0179_A2_F10	ZM_0179_A2_F10_T7C	
14802	ZM_0179_A2_F11	ZM_0179_A2_F11_T7C	
14803	ZM_0179_A2_F12	ZM_0179_A2_F12_T7C	
14804	ZM_0179_A2_G01	ZM_0179_A2_G01_T7C	
14805	ZM_0179_A2_G02	ZM_0179_A2_G02_T7C	
14806	ZM_0179_A2_G03	ZM_0179_A2_G03_T7C	
14807	ZM_0179_A2_G04	ZM_0179_A2_G04_T7C	
14808	ZM_0179_A2_G05	ZM_0179_A2_G05_T7C	
14809	ZM_0179_A2_G06	ZM_0179_A2_G06_T7C	
14810	ZM_0179_A2_G07	ZM_0179_A2_G07_T7C	
14811	ZM_0179_A2_G09	ZM_0179_A2_G09_T7C	
14812	ZM_0179_A2_G10	ZM_0179_A2_G10_T7C	
14813	ZM_0179_A2_G11	ZM_0179_A2_G11_T7C	
14814	ZM_0179_A2_G12	ZM_0179_A2_G12_T7C	
14815	ZM_0179_A2_H02	ZM_0179_A2_H02_T7C	
14816	ZM_0179_A2_H03	ZM_0179_A2_H03_T7C	
14817	ZM_0179_A2_H06	ZM_0179_A2_H06_T7C	
14818	ZM_0179_A2_H11	ZM_0179_A2_H11_T7C	
14819	ZM_0179_A2_H12	ZM_0179_A2_H12_T7C	
14820	ZM_0179_B1_A04	ZM_0179_B1_A04_T7C	
14821	ZM_0179_B1_A08	ZM_0179_B1_A08_T7C	
14822	ZM_0179_B1_A12	ZM_0179_B1_A12_T7C	
14823	ZM_0179_B1_B01	ZM_0179_B1_B01_T7C	
14824	ZM_0179_B1_B04	ZM_0179_B1_B04_T7C	
14825	ZM_0179_B1_B06	ZM_0179_B1_B06_T7C	
14826	ZM_0179_B1_B07	ZM_0179_B1_B07_T7C	
14827	ZM_0179_B1_B08	ZM_0179_B1_B08_T7C	
14828	ZM_0179_B1_B09	ZM_0179_B1_B09_T7C	
14829	ZM_0179_B1_B11	ZM_0179_B1_B11_T7C	
14830	ZM_0179_B1_C01	ZM_0179_B1_C01_T7C	
14831	ZM_0179_B1_C04	ZM_0179_B1_C04_T7C	
14832	ZM_0179_B1_C08	ZM_0179_B1_C08_T7C	
14833	ZM_0179_B1_C10	ZM_0179_B1_C10_T7C	
14834	ZM_0179_B1_C12	ZM_0179_B1_C12_T7C	
14835	ZM_0179_B1_D01	ZM_0179_B1_D01_T7C	
14836	ZM_0179_B1_D02	ZM_0179_B1_D02_T7C	
14837	ZM_0179_B1_D04	ZM_0179_B1_D04_T7C	
14838	ZM_0179_B1_D12	ZM_0179_B1_D12_T7C	
14839	ZM_0179_B1_E01	ZM_0179_B1_E01_T7C	
14840	ZM_0179_B1_E02	ZM_0179_B1_E02_T7C	
14841	ZM_0179_B1_E04	ZM_0179_B1_E04_T7C	
14842	ZM_0179_B1_E08	ZM_0179_B1_E08_T7C	
14843	ZM_0179_B1_E09	ZM_0179_B1_E09_T7C	
14844	ZM_0179_B1_F02	ZM_0179_B1_F02_T7C	
14845	ZM_0179_B1_F05	ZM_0179_B1_F05_T7C	
14846	ZM_0179_B1_F06	ZM_0179_B1_F06_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14847	ZM_0179_B1_F08	ZM_0179_B1_F08_T7C	
14848	ZM_0179_B1_F11	ZM_0179_B1_F11_T7C	
14849	ZM_0179_B1_G01	ZM_0179_B1_G01_T7C	
14850	ZM_0179_B1_G07	ZM_0179_B1_G07_T7C	
14851	ZM_0179_B1_G08	ZM_0179_B1_G08_T7C	
14852	ZM_0179_B1_G09	ZM_0179_B1_G09_T7C	
14853	ZM_0179_B1_H01	ZM_0179_B1_H01_T7C	
14854	ZM_0179_B1_H06	ZM_0179_B1_H06_T7C	
14855	ZM_0179_B1_H11	ZM_0179_B1_H11_T7C	
14856	ZM_0179_B2_A03	ZM_0179_B2_A03_T7C	
14857	ZM_0179_B2_A06	ZM_0179_B2_A06_T7C	
14858	ZM_0179_B2_A10	ZM_0179_B2_A10_T7C	
14859	ZM_0179_B2_B01	ZM_0179_B2_B01_T7C	
14860	ZM_0179_B2_B02	ZM_0179_B2_B02_T7C	
14861	ZM_0179_B2_B03	ZM_0179_B2_B03_T7C	
14862	ZM_0179_B2_B06	ZM_0179_B2_B06_T7C	
14863	ZM_0179_B2_B08	ZM_0179_B2_B08_T7C	
14864	ZM_0179_B2_B11	ZM_0179_B2_B11_T7C	
14865	ZM_0179_B2_B12	ZM_0179_B2_B12_T7C	
14866	ZM_0179_B2_C02	ZM_0179_B2_C02_T7C	
14867	ZM_0179_B2_C04	ZM_0179_B2_C04_T7C	
14868	ZM_0179_B2_C05	ZM_0179_B2_C05_T7C	
14869	ZM_0179_B2_C06	ZM_0179_B2_C06_T7C	
14870	ZM_0179_B2_C07	ZM_0179_B2_C07_T7C	
14871	ZM_0179_B2_C08	ZM_0179_B2_C08_T7C	
14872	ZM_0179_B2_C10	ZM_0179_B2_C10_T7C	
14873	ZM_0179_B2_C11	ZM_0179_B2_C11_T7C	
14874	ZM_0179_B2_C12	ZM_0179_B2_C12_T7C	
14875	ZM_0179_B2_D01	ZM_0179_B2_D01_T7C	
14876	ZM_0179_B2_D02	ZM_0179_B2_D02_T7C	
14877	ZM_0179_B2_D03	ZM_0179_B2_D03_T7C	
14878	ZM_0179_B2_D04	ZM_0179_B2_D04_T7C	
14879	ZM_0179_B2_D05	ZM_0179_B2_D05_T7C	
14880	ZM_0179_B2_D06	ZM_0179_B2_D06_T7C	
14881	ZM_0179_B2_D07	ZM_0179_B2_D07_T7C	
14882	ZM_0179_B2_D08	ZM_0179_B2_D08_T7C	
14883	ZM_0179_B2_D09	ZM_0179_B2_D09_T7C	
14884	ZM_0179_B2_D11	ZM_0179_B2_D11_T7C	
14885	ZM_0179_B2_D12	ZM_0179_B2_D12_T7C	
14886	ZM_0179_B2_E01	ZM_0179_B2_E01_T7C	
14887	ZM_0179_B2_E02	ZM_0179_B2_E02_T7C	
14888	ZM_0179_B2_E03	ZM_0179_B2_E03_T7C	
14889	ZM_0179_B2_E04	ZM_0179_B2_E04_T7C	
14890	ZM_0179_B2_E05	ZM_0179_B2_E05_T7C	
14891	ZM_0179_B2_E08	ZM_0179_B2_E08_T7C	
14892	ZM_0179_B2_E10	ZM_0179_B2_E10_T7C	
14893	ZM_0179_B2_E11	ZM_0179_B2_E11_T7C	
14894	ZM_0179_B2_E12	ZM_0179_B2_E12_T7C	
14895	ZM_0179_B2_F02	ZM_0179_B2_F02_T7C	
14896	ZM_0179_B2_F04	ZM_0179_B2_F04_T7C	
14897	ZM_0179_B2_F06	ZM_0179_B2_F06_T7C	
14898	ZM_0179_B2_F07	ZM_0179_B2_F07_T7C	
14899	ZM_0179_B2_F09	ZM_0179_B2_F09_T7C	
14900	ZM_0179_B2_F10	ZM_0179_B2_F10_T7C	
14901	ZM_0179_B2_F11	ZM_0179_B2_F11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14902	ZM_0179_B2_F12	ZM_0179_B2_F12_T7C	
14903	ZM_0179_B2_G01	ZM_0179_B2_G01_T7C	
14904	ZM_0179_B2_G02	ZM_0179_B2_G02_T7C	
14905	ZM_0179_B2_G07	ZM_0179_B2_G07_T7C	
14906	ZM_0179_B2_G08	ZM_0179_B2_G08_T7C	
14907	ZM_0179_B2_G09	ZM_0179_B2_G09_T7C	
14908	ZM_0179_B2_G10	ZM_0179_B2_G10_T7C	
14909	ZM_0179_B2_G11	ZM_0179_B2_G11_T7C	
14910	ZM_0179_B2_G12	ZM_0179_B2_G12_T7C	
14911	ZM_0179_B2_H01	ZM_0179_B2_H01_T7C	
14912	ZM_0179_B2_H03	ZM_0179_B2_H03_T7C	
14913	ZM_0179_B2_H04	ZM_0179_B2_H04_T7C	
14914	ZM_0179_B2_H06	ZM_0179_B2_H06_T7C	
14915	ZM_0179_B2_H07	ZM_0179_B2_H07_T7C	
14916	ZM_0179_B2_H08	ZM_0179_B2_H08_T7C	
14917	ZM_0179_B2_H09	ZM_0179_B2_H09_T7C	
14918	ZM_0179_B2_H10	ZM_0179_B2_H10_T7C	
14919	ZM_017_A1_A01	ZM_017_A1_A01_T7C	
14920	ZM_017_A1_A01		ZM_017_A1_A01_MR
14921	ZM_017_A1_A02	ZM_017_A1_A02_T7C	
14922	ZM_017_A1_A02		ZM_017_A1_A02_MR
14923	ZM_017_A1_A05	ZM_017_A1_A05_T7C	
14924	ZM_017_A1_A05		ZM_017_A1_A05_MR
14925	ZM_017_A1_A06	ZM_017_A1_A06_T7C	
14926	ZM_017_A1_A06		ZM_017_A1_A06_MR
14927	ZM_017_A1_A07	ZM_017_A1_A07_T7C	
14928	ZM_017_A1_A07		ZM_017_A1_A07_MR
14929	ZM_017_A1_A08		ZM_017_A1_A08_MR
14930	ZM_017_A1_A09		ZM_017_A1_A09_MR
14931	ZM_017_A1_A10	ZM_017_A1_A10_T7C	
14932	ZM_017_A1_A10		ZM_017_A1_A10_MR
14933	ZM_017_A1_A11		ZM_017_A1_A11_MR
14934	ZM_017_A1_A12		ZM_017_A1_A12_MR
14935	ZM_017_A1_B01	ZM_017_A1_B01_T7C	
14936	ZM_017_A1_B01		ZM_017_A1_B01_MR
14937	ZM_017_A1_B02	ZM_017_A1_B02_T7C	
14938	ZM_017_A1_B02		ZM_017_A1_B02_MR
14939	ZM_017_A1_B03	ZM_017_A1_B03_T7C	
14940	ZM_017_A1_B03		ZM_017_A1_B03_MR
14941	ZM_017_A1_B04	ZM_017_A1_B04_T7C	
14942	ZM_017_A1_B04		ZM_017_A1_B04_MR
14943	ZM_017_A1_B05	ZM_017_A1_B05_T7C	
14944	ZM_017_A1_B05		ZM_017_A1_B05_MR
14945	ZM_017_A1_B06	ZM_017_A1_B06_T7C	
14946	ZM_017_A1_B06		ZM_017_A1_B06_MR
14947	ZM_017_A1_B07	ZM_017_A1_B07_T7C	
14948	ZM_017_A1_B07		ZM_017_A1_B07_MR
14949	ZM_017_A1_B08	ZM_017_A1_B08_T7C	
14950	ZM_017_A1_B08		ZM_017_A1_B08_MR
14951	ZM_017_A1_B09	ZM_017_A1_B09_T7C	
14952	ZM_017_A1_B09		ZM_017_A1_B09_MR
14953	ZM_017_A1_B10	ZM_017_A1_B10_T7C	
14954	ZM_017_A1_B10		ZM_017_A1_B10_MR
14955	ZM_017_A1_B11		ZM_017_A1_B11_MR
14956	ZM_017_A1_B12		ZM_017_A1_B12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
14957	ZM_017_A1_C01	ZM_017_A1_C01_T7C	
14958	ZM_017_A1_C01		ZM_017_A1_C01_MR
14959	ZM_017_A1_C02		ZM_017_A1_C02_MR
14960	ZM_017_A1_C03	ZM_017_A1_C03_T7C	
14961	ZM_017_A1_C04	ZM_017_A1_C04_T7C	
14962	ZM_017_A1_C04		ZM_017_A1_C04_MR
14963	ZM_017_A1_C05	ZM_017_A1_C05_T7C	
14964	ZM_017_A1_C05		ZM_017_A1_C05_MR
14965	ZM_017_A1_C06	ZM_017_A1_C06_T7C	
14966	ZM_017_A1_C06		ZM_017_A1_C06_MR
14967	ZM_017_A1_C07	ZM_017_A1_C07_T7C	
14968	ZM_017_A1_C07		ZM_017_A1_C07_MR
14969	ZM_017_A1_C08	ZM_017_A1_C08_T7C	
14970	ZM_017_A1_C08		ZM_017_A1_C08_MR
14971	ZM_017_A1_C09	ZM_017_A1_C09_T7C	
14972	ZM_017_A1_C09		ZM_017_A1_C09_MR
14973	ZM_017_A1_C10	ZM_017_A1_C10_T7C	
14974	ZM_017_A1_C10		ZM_017_A1_C10_MR
14975	ZM_017_A1_C11	ZM_017_A1_C11_T7C	
14976	ZM_017_A1_C11		ZM_017_A1_C11_MR
14977	ZM_017_A1_C12	ZM_017_A1_C12_T7C	
14978	ZM_017_A1_C12		ZM_017_A1_C12_MR
14979	ZM_017_A1_D01		ZM_017_A1_D01_MR
14980	ZM_017_A1_D02	ZM_017_A1_D02_T7C	
14981	ZM_017_A1_D02		ZM_017_A1_D02_MR
14982	ZM_017_A1_D03	ZM_017_A1_D03_T7C	
14983	ZM_017_A1_D04	ZM_017_A1_D04_T7C	
14984	ZM_017_A1_D04		ZM_017_A1_D04_MR
14985	ZM_017_A1_D05	ZM_017_A1_D05_T7C	
14986	ZM_017_A1_D05		ZM_017_A1_D05_MR
14987	ZM_017_A1_D06	ZM_017_A1_D06_T7C	
14988	ZM_017_A1_D06		ZM_017_A1_D06_MR
14989	ZM_017_A1_D07	ZM_017_A1_D07_T7C	
14990	ZM_017_A1_D07		ZM_017_A1_D07_MR
14991	ZM_017_A1_D08	ZM_017_A1_D08_T7C	
14992	ZM_017_A1_D08		ZM_017_A1_D08_MR
14993	ZM_017_A1_D09	ZM_017_A1_D09_T7C	
14994	ZM_017_A1_D09		ZM_017_A1_D09_MR
14995	ZM_017_A1_D11	ZM_017_A1_D11_T7C	
14996	ZM_017_A1_D11		ZM_017_A1_D11_MR
14997	ZM_017_A1_D12	ZM_017_A1_D12_T7C	
14998	ZM_017_A1_D12		ZM_017_A1_D12_MR
14999	ZM_017_A1_E01	ZM_017_A1_E01_T7C	
15000	ZM_017_A1_E02	ZM_017_A1_E02_T7C	
15001	ZM_017_A1_E02		ZM_017_A1_E02_MR
15002	ZM_017_A1_E03	ZM_017_A1_E03_T7C	
15003	ZM_017_A1_E03		ZM_017_A1_E03_MR
15004	ZM_017_A1_E04	ZM_017_A1_E04_T7C	
15005	ZM_017_A1_E04		ZM_017_A1_E04_MR
15006	ZM_017_A1_E05	ZM_017_A1_E05_T7C	
15007	ZM_017_A1_E06	ZM_017_A1_E06_T7C	
15008	ZM_017_A1_E06		ZM_017_A1_E06_MR
15009	ZM_017_A1_E07	ZM_017_A1_E07_T7C	
15010	ZM_017_A1_E07		ZM_017_A1_E07_MR
15011	ZM_017_A1_E08	ZM_017_A1_E08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15012	ZM_017_A1_E08		ZM_017_A1_E08_MR
15013	ZM_017_A1_E09	ZM_017_A1_E09_T7C	
15014	ZM_017_A1_E09		ZM_017_A1_E09_MR
15015	ZM_017_A1_E10	ZM_017_A1_E10_T7C	
15016	ZM_017_A1_E10		ZM_017_A1_E10_MR
15017	ZM_017_A1_E11	ZM_017_A1_E11_T7C	
15018	ZM_017_A1_E11		ZM_017_A1_E11_MR
15019	ZM_017_A1_E12	ZM_017_A1_E12_T7C	
15020	ZM_017_A1_E12		ZM_017_A1_E12_MR
15021	ZM_017_A1_F01	ZM_017_A1_F01_T7C	
15022	ZM_017_A1_F01		ZM_017_A1_F01_MR
15023	ZM_017_A1_F02	ZM_017_A1_F02_T7C	
15024	ZM_017_A1_F02		ZM_017_A1_F02_MR
15025	ZM_017_A1_F03	ZM_017_A1_F03_T7C	
15026	ZM_017_A1_F03		ZM_017_A1_F03_MR
15027	ZM_017_A1_F04	ZM_017_A1_F04_T7C	
15028	ZM_017_A1_F04		ZM_017_A1_F04_MR
15029	ZM_017_A1_F05		ZM_017_A1_F05_MR
15030	ZM_017_A1_F06		ZM_017_A1_F06_MR
15031	ZM_017_A1_F07	ZM_017_A1_F07_T7C	
15032	ZM_017_A1_F07		ZM_017_A1_F07_MR
15033	ZM_017_A1_F08	ZM_017_A1_F08_T7C	
15034	ZM_017_A1_F08		ZM_017_A1_F08_MR
15035	ZM_017_A1_F09	ZM_017_A1_F09_T7C	
15036	ZM_017_A1_F09		ZM_017_A1_F09_MR
15037	ZM_017_A1_F10	ZM_017_A1_F10_T7C	
15038	ZM_017_A1_F10		ZM_017_A1_F10_MR
15039	ZM_017_A1_F11	ZM_017_A1_F11_T7C	
15040	ZM_017_A1_F11		ZM_017_A1_F11_MR
15041	ZM_017_A1_F12	ZM_017_A1_F12_T7C	
15042	ZM_017_A1_F12		ZM_017_A1_F12_MR
15043	ZM_017_A1_G01	ZM_017_A1_G01_T7C	
15044	ZM_017_A1_G01		ZM_017_A1_G01_MR
15045	ZM_017_A1_G02	ZM_017_A1_G02_T7C	
15046	ZM_017_A1_G02		ZM_017_A1_G02_MR
15047	ZM_017_A1_G03		ZM_017_A1_G03_MR
15048	ZM_017_A1_G04		ZM_017_A1_G04_MR
15049	ZM_017_A1_G06	ZM_017_A1_G06_T7C	
15050	ZM_017_A1_G06		ZM_017_A1_G06_MR
15051	ZM_017_A1_G07	ZM_017_A1_G07_T7C	
15052	ZM_017_A1_G07		ZM_017_A1_G07_MR
15053	ZM_017_A1_G08	ZM_017_A1_G08_T7C	
15054	ZM_017_A1_G08		ZM_017_A1_G08_MR
15055	ZM_017_A1_G09	ZM_017_A1_G09_T7C	
15056	ZM_017_A1_G09		ZM_017_A1_G09_MR
15057	ZM_017_A1_G10	ZM_017_A1_G10_T7C	
15058	ZM_017_A1_G10		ZM_017_A1_G10_MR
15059	ZM_017_A1_G11	ZM_017_A1_G11_T7C	
15060	ZM_017_A1_G11		ZM_017_A1_G11_MR
15061	ZM_017_A1_G12		ZM_017_A1_G12_MR
15062	ZM_017_A1_H01	ZM_017_A1_H01_T7C	
15063	ZM_017_A1_H01		ZM_017_A1_H01_MR
15064	ZM_017_A1_H02	ZM_017_A1_H02_T7C	
15065	ZM_017_A1_H02		ZM_017_A1_H02_MR
15066	ZM_017_A1_H03		ZM_017_A1_H03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15067	ZM_017_A1_H04		ZM_017_A1_H04_MR
15068	ZM_017_A1_H05	ZM_017_A1_H05_T7C	
15069	ZM_017_A1_H05		ZM_017_A1_H05_MR
15070	ZM_017_A1_H06	ZM_017_A1_H06_T7C	
15071	ZM_017_A1_H06		ZM_017_A1_H06_MR
15072	ZM_017_A1_H07	ZM_017_A1_H07_T7C	
15073	ZM_017_A1_H07		ZM_017_A1_H07_MR
15074	ZM_017_A1_H08	ZM_017_A1_H08_T7C	
15075	ZM_017_A1_H08		ZM_017_A1_H08_MR
15076	ZM_017_A1_H09	ZM_017_A1_H09_T7C	
15077	ZM_017_A1_H09		ZM_017_A1_H09_MR
15078	ZM_017_A1_H10	ZM_017_A1_H10_T7C	
15079	ZM_017_A1_H10		ZM_017_A1_H10_MR
15080	ZM_017_A1_H11	ZM_017_A1_H11_T7C	
15081	ZM_017_A1_H11		ZM_017_A1_H11_MR
15082	ZM_017_A2_A01		ZM_017_A2_A01_MR
15083	ZM_017_A2_A02		ZM_017_A2_A02_MR
15084	ZM_017_A2_A03		ZM_017_A2_A03_MR
15085	ZM_017_A2_A04		ZM_017_A2_A04_MR
15086	ZM_017_A2_A05		ZM_017_A2_A05_MR
15087	ZM_017_A2_A06		ZM_017_A2_A06_MR
15088	ZM_017_A2_A07		ZM_017_A2_A07_MR
15089	ZM_017_A2_A08		ZM_017_A2_A08_MR
15090	ZM_017_A2_A10		ZM_017_A2_A10_MR
15091	ZM_017_A2_A11		ZM_017_A2_A11_MR
15092	ZM_017_A2_A12		ZM_017_A2_A12_MR
15093	ZM_017_A2_B02		ZM_017_A2_B02_MR
15094	ZM_017_A2_B03		ZM_017_A2_B03_MR
15095	ZM_017_A2_B04		ZM_017_A2_B04_MR
15096	ZM_017_A2_B05		ZM_017_A2_B05_MR
15097	ZM_017_A2_B06		ZM_017_A2_B06_MR
15098	ZM_017_A2_B07		ZM_017_A2_B07_MR
15099	ZM_017_A2_B08		ZM_017_A2_B08_MR
15100	ZM_017_A2_B09		ZM_017_A2_B09_MR
15101	ZM_017_A2_B10		ZM_017_A2_B10_MR
15102	ZM_017_A2_B11		ZM_017_A2_B11_MR
15103	ZM_017_A2_B12		ZM_017_A2_B12_MR
15104	ZM_017_A2_C01		ZM_017_A2_C01_MR
15105	ZM_017_A2_C02		ZM_017_A2_C02_MR
15106	ZM_017_A2_C03		ZM_017_A2_C03_MR
15107	ZM_017_A2_C04		ZM_017_A2_C04_MR
15108	ZM_017_A2_C05		ZM_017_A2_C05_MR
15109	ZM_017_A2_C07		ZM_017_A2_C07_MR
15110	ZM_017_A2_C08		ZM_017_A2_C08_MR
15111	ZM_017_A2_C09		ZM_017_A2_C09_MR
15112	ZM_017_A2_C10		ZM_017_A2_C10_MR
15113	ZM_017_A2_C11		ZM_017_A2_C11_MR
15114	ZM_017_A2_C12		ZM_017_A2_C12_MR
15115	ZM_017_A2_D04		ZM_017_A2_D04_MR
15116	ZM_017_A2_D06		ZM_017_A2_D06_MR
15117	ZM_017_A2_D07		ZM_017_A2_D07_MR
15118	ZM_017_A2_D08		ZM_017_A2_D08_MR
15119	ZM_017_A2_D09		ZM_017_A2_D09_MR
15120	ZM_017_A2_D11		ZM_017_A2_D11_MR
15121	ZM_017_A2_D12		ZM_017_A2_D12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15122	ZM_017_A2_E01		ZM_017_A2_E01_MR
15123	ZM_017_A2_E02		ZM_017_A2_E02_MR
15124	ZM_017_A2_E03		ZM_017_A2_E03_MR
15125	ZM_017_A2_E04		ZM_017_A2_E04_MR
15126	ZM_017_A2_E05		ZM_017_A2_E05_MR
15127	ZM_017_A2_E06		ZM_017_A2_E06_MR
15128	ZM_017_A2_E07		ZM_017_A2_E07_MR
15129	ZM_017_A2_E08		ZM_017_A2_E08_MR
15130	ZM_017_A2_E09		ZM_017_A2_E09_MR
15131	ZM_017_A2_E10		ZM_017_A2_E10_MR
15132	ZM_017_A2_E11		ZM_017_A2_E11_MR
15133	ZM_017_A2_E12		ZM_017_A2_E12_MR
15134	ZM_017_A2_F01		ZM_017_A2_F01_MR
15135	ZM_017_A2_F02		ZM_017_A2_F02_MR
15136	ZM_017_A2_F04		ZM_017_A2_F04_MR
15137	ZM_017_A2_F05		ZM_017_A2_F05_MR
15138	ZM_017_A2_F06		ZM_017_A2_F06_MR
15139	ZM_017_A2_F07		ZM_017_A2_F07_MR
15140	ZM_017_A2_F08		ZM_017_A2_F08_MR
15141	ZM_017_A2_F09		ZM_017_A2_F09_MR
15142	ZM_017_A2_F10		ZM_017_A2_F10_MR
15143	ZM_017_A2_F12		ZM_017_A2_F12_MR
15144	ZM_017_A2_G01		ZM_017_A2_G01_MR
15145	ZM_017_A2_G03		ZM_017_A2_G03_MR
15146	ZM_017_A2_G04		ZM_017_A2_G04_MR
15147	ZM_017_A2_G05		ZM_017_A2_G05_MR
15148	ZM_017_A2_G06		ZM_017_A2_G06_MR
15149	ZM_017_A2_G07		ZM_017_A2_G07_MR
15150	ZM_017_A2_G08		ZM_017_A2_G08_MR
15151	ZM_017_A2_G09		ZM_017_A2_G09_MR
15152	ZM_017_A2_G10		ZM_017_A2_G10_MR
15153	ZM_017_A2_G11		ZM_017_A2_G11_MR
15154	ZM_017_A2_G12		ZM_017_A2_G12_MR
15155	ZM_017_A2_H04		ZM_017_A2_H04_MR
15156	ZM_017_A2_H05		ZM_017_A2_H05_MR
15157	ZM_017_A2_H06		ZM_017_A2_H06_MR
15158	ZM_017_B1_A01		ZM_017_B1_A01_MR
15159	ZM_017_B1_A02	ZM_017_B1_A02_T7C	ZM_017_B1_A02_MR
15160	ZM_017_B1_A02		
15161	ZM_017_B1_A03	ZM_017_B1_A03_T7C	ZM_017_B1_A03_MR
15162	ZM_017_B1_A03		
15163	ZM_017_B1_A04	ZM_017_B1_A04_T7C	ZM_017_B1_A04_MR
15164	ZM_017_B1_A04		
15165	ZM_017_B1_A05	ZM_017_B1_A05_T7C	ZM_017_B1_A05_MR
15166	ZM_017_B1_A05		
15167	ZM_017_B1_A06	ZM_017_B1_A06_T7C	ZM_017_B1_A06_MR
15168	ZM_017_B1_A06		
15169	ZM_017_B1_A07	ZM_017_B1_A07_T7C	ZM_017_B1_A07_MR
15170	ZM_017_B1_A07		
15171	ZM_017_B1_A08	ZM_017_B1_A08_T7C	ZM_017_B1_A08_MR
15172	ZM_017_B1_A08		
15173	ZM_017_B1_A09	ZM_017_B1_A09_T7C	ZM_017_B1_A09_MR
15174	ZM_017_B1_A09		
15175	ZM_017_B1_A10	ZM_017_B1_A10_T7C	ZM_017_B1_A10_MR
15176	ZM_017_B1_A10		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15177	ZM_017_B1_A11	ZM_017_B1_A11_T7C	
15178	ZM_017_B1_A11		ZM_017_B1_A11_MR
15179	ZM_017_B1_A12		ZM_017_B1_A12_MR
15180	ZM_017_B1_B01		ZM_017_B1_B01_MR
15181	ZM_017_B1_B02		ZM_017_B1_B02_MR
15182	ZM_017_B1_B03	ZM_017_B1_B03_T7C	
15183	ZM_017_B1_B03		ZM_017_B1_B03_MR
15184	ZM_017_B1_B04		ZM_017_B1_B04_MR
15185	ZM_017_B1_B05		ZM_017_B1_B05_MR
15186	ZM_017_B1_B06		ZM_017_B1_B06_MR
15187	ZM_017_B1_B07		ZM_017_B1_B07_MR
15188	ZM_017_B1_B08	ZM_017_B1_B08_T7C	
15189	ZM_017_B1_B08		ZM_017_B1_B08_MR
15190	ZM_017_B1_B09	ZM_017_B1_B09_T7C	
15191	ZM_017_B1_B09		ZM_017_B1_B09_MR
15192	ZM_017_B1_B10	ZM_017_B1_B10_T7C	
15193	ZM_017_B1_B10		ZM_017_B1_B10_MR
15194	ZM_017_B1_B11	ZM_017_B1_B11_T7C	
15195	ZM_017_B1_B11		ZM_017_B1_B11_MR
15196	ZM_017_B1_B12	ZM_017_B1_B12_T7C	
15197	ZM_017_B1_B12		ZM_017_B1_B12_MR
15198	ZM_017_B1_C01	ZM_017_B1_C01_T7C	
15199	ZM_017_B1_C01		ZM_017_B1_C01_MR
15200	ZM_017_B1_C02	ZM_017_B1_C02_T7C	
15201	ZM_017_B1_C03	ZM_017_B1_C03_T7C	
15202	ZM_017_B1_C03		ZM_017_B1_C03_MR
15203	ZM_017_B1_C04		ZM_017_B1_C04_MR
15204	ZM_017_B1_C05	ZM_017_B1_C05_T7C	
15205	ZM_017_B1_C05		ZM_017_B1_C05_MR
15206	ZM_017_B1_C06	ZM_017_B1_C06_T7C	
15207	ZM_017_B1_C06		ZM_017_B1_C06_MR
15208	ZM_017_B1_C07	ZM_017_B1_C07_T7C	
15209	ZM_017_B1_C07		ZM_017_B1_C07_MR
15210	ZM_017_B1_C08	ZM_017_B1_C08_T7C	
15211	ZM_017_B1_C08		ZM_017_B1_C08_MR
15212	ZM_017_B1_C09	ZM_017_B1_C09_T7C	
15213	ZM_017_B1_C10	ZM_017_B1_C10_T7C	
15214	ZM_017_B1_C10		ZM_017_B1_C10_MR
15215	ZM_017_B1_C11	ZM_017_B1_C11_T7C	
15216	ZM_017_B1_C11		ZM_017_B1_C11_MR
15217	ZM_017_B1_C12	ZM_017_B1_C12_T7C	
15218	ZM_017_B1_C12		ZM_017_B1_C12_MR
15219	ZM_017_B1_D01		ZM_017_B1_D01_MR
15220	ZM_017_B1_D02	ZM_017_B1_D02_T7C	
15221	ZM_017_B1_D02		ZM_017_B1_D02_MR
15222	ZM_017_B1_D03	ZM_017_B1_D03_T7C	
15223	ZM_017_B1_D03		ZM_017_B1_D03_MR
15224	ZM_017_B1_D04		ZM_017_B1_D04_MR
15225	ZM_017_B1_D05	ZM_017_B1_D05_T7C	
15226	ZM_017_B1_D05		ZM_017_B1_D05_MR
15227	ZM_017_B1_D06		ZM_017_B1_D06_MR
15228	ZM_017_B1_D07	ZM_017_B1_D07_T7C	
15229	ZM_017_B1_D07		ZM_017_B1_D07_MR
15230	ZM_017_B1_D08		ZM_017_B1_D08_MR
15231	ZM_017_B1_D09	ZM_017_B1_D09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15232	ZM_017_B1_D09		ZM_017_B1_D09_MR
15233	ZM_017_B1_D10		ZM_017_B1_D10_MR
15234	ZM_017_B1_D11	ZM_017_B1_D11_T7C	
15235	ZM_017_B1_D11		ZM_017_B1_D11_MR
15236	ZM_017_B1_D12	ZM_017_B1_D12_T7C	
15237	ZM_017_B1_D12		ZM_017_B1_D12_MR
15238	ZM_017_B1_E01		ZM_017_B1_E01_MR
15239	ZM_017_B1_E02	ZM_017_B1_E02_T7C	
15240	ZM_017_B1_E02		ZM_017_B1_E02_MR
15241	ZM_017_B1_E03	ZM_017_B1_E03_T7C	
15242	ZM_017_B1_E03		ZM_017_B1_E03_MR
15243	ZM_017_B1_E04	ZM_017_B1_E04_T7C	
15244	ZM_017_B1_E04		ZM_017_B1_E04_MR
15245	ZM_017_B1_E05	ZM_017_B1_E05_T7C	
15246	ZM_017_B1_E05		ZM_017_B1_E05_MR
15247	ZM_017_B1_E06	ZM_017_B1_E06_T7C	
15248	ZM_017_B1_E07	ZM_017_B1_E07_T7C	
15249	ZM_017_B1_E07		ZM_017_B1_E07_MR
15250	ZM_017_B1_E08	ZM_017_B1_E08_T7C	
15251	ZM_017_B1_E08		ZM_017_B1_E08_MR
15252	ZM_017_B1_E09	ZM_017_B1_E09_T7C	
15253	ZM_017_B1_E09		ZM_017_B1_E09_MR
15254	ZM_017_B1_E10	ZM_017_B1_E10_T7C	
15255	ZM_017_B1_E10		ZM_017_B1_E10_MR
15256	ZM_017_B1_E11	ZM_017_B1_E11_T7C	
15257	ZM_017_B1_E11		ZM_017_B1_E11_MR
15258	ZM_017_B1_E12	ZM_017_B1_E12_T7C	
15259	ZM_017_B1_F01		ZM_017_B1_F01_MR
15260	ZM_017_B1_F02	ZM_017_B1_F02_T7C	
15261	ZM_017_B1_F02		ZM_017_B1_F02_MR
15262	ZM_017_B1_F03	ZM_017_B1_F03_T7C	
15263	ZM_017_B1_F03		ZM_017_B1_F03_MR
15264	ZM_017_B1_F04		ZM_017_B1_F04_MR
15265	ZM_017_B1_F05	ZM_017_B1_F05_T7C	
15266	ZM_017_B1_F05		ZM_017_B1_F05_MR
15267	ZM_017_B1_F06	ZM_017_B1_F06_T7C	
15268	ZM_017_B1_F07		ZM_017_B1_F07_MR
15269	ZM_017_B1_F08		ZM_017_B1_F08_MR
15270	ZM_017_B1_F09	ZM_017_B1_F09_T7C	
15271	ZM_017_B1_F09		ZM_017_B1_F09_MR
15272	ZM_017_B1_F10	ZM_017_B1_F10_T7C	
15273	ZM_017_B1_F10		ZM_017_B1_F10_MR
15274	ZM_017_B1_F11		ZM_017_B1_F11_MR
15275	ZM_017_B1_F12	ZM_017_B1_F12_T7C	
15276	ZM_017_B1_F12		ZM_017_B1_F12_MR
15277	ZM_017_B1_G01	ZM_017_B1_G01_T7C	
15278	ZM_017_B1_G01		ZM_017_B1_G01_MR
15279	ZM_017_B1_G02	ZM_017_B1_G02_T7C	
15280	ZM_017_B1_G02		ZM_017_B1_G02_MR
15281	ZM_017_B1_G03	ZM_017_B1_G03_T7C	
15282	ZM_017_B1_G03		ZM_017_B1_G03_MR
15283	ZM_017_B1_G04		ZM_017_B1_G04_MR
15284	ZM_017_B1_G05		ZM_017_B1_G05_MR
15285	ZM_017_B1_G06	ZM_017_B1_G06_T7C	
15286	ZM_017_B1_G07		ZM_017_B1_G07_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15287	ZM_017_B1_G08	ZM_017_B1_G08_T7C	
15288	ZM_017_B1_G08		ZM_017_B1_G08_MR
15289	ZM_017_B1_G09	ZM_017_B1_G09_T7C	
15290	ZM_017_B1_G09		ZM_017_B1_G09_MR
15291	ZM_017_B1_G10		ZM_017_B1_G10_MR
15292	ZM_017_B1_G11	ZM_017_B1_G11_T7C	
15293	ZM_017_B1_G12	ZM_017_B1_G12_T7C	
15294	ZM_017_B1_H01	ZM_017_B1_H01_T7C	
15295	ZM_017_B1_H01		ZM_017_B1_H01_MR
15296	ZM_017_B1_H02	ZM_017_B1_H02_T7C	
15297	ZM_017_B1_H02		ZM_017_B1_H02_MR
15298	ZM_017_B1_H03	ZM_017_B1_H03_T7C	
15299	ZM_017_B1_H03		ZM_017_B1_H03_MR
15300	ZM_017_B1_H04	ZM_017_B1_H04_T7C	
15301	ZM_017_B1_H04		ZM_017_B1_H04_MR
15302	ZM_017_B1_H05	ZM_017_B1_H05_T7C	
15303	ZM_017_B1_H05		ZM_017_B1_H05_MR
15304	ZM_017_B1_H06	ZM_017_B1_H06_T7C	
15305	ZM_017_B1_H06		ZM_017_B1_H06_MR
15306	ZM_017_B1_H07	ZM_017_B1_H07_T7C	
15307	ZM_017_B1_H07		ZM_017_B1_H07_MR
15308	ZM_017_B1_H08	ZM_017_B1_H08_T7C	
15309	ZM_017_B1_H09	ZM_017_B1_H09_T7C	
15310	ZM_017_B1_H09		ZM_017_B1_H09_MR
15311	ZM_017_B1_H10		ZM_017_B1_H10_MR
15312	ZM_017_B1_H11	ZM_017_B1_H11_T7C	
15313	ZM_017_B1_H11		ZM_017_B1_H11_MR
15314	ZM_017_B1_H12	ZM_017_B1_H12_T7C	
15315	ZM_017_B2_A04	ZM_017_B2_A04_T7C	
15316	ZM_017_B2_A07	ZM_017_B2_A07_T7C	
15317	ZM_017_B2_A08	ZM_017_B2_A08_T7C	
15318	ZM_017_B2_B01	ZM_017_B2_B01_T7C	
15319	ZM_017_B2_B04	ZM_017_B2_B04_T7C	
15320	ZM_017_B2_B05	ZM_017_B2_B05_T7C	
15321	ZM_017_B2_B07	ZM_017_B2_B07_T7C	
15322	ZM_017_B2_B08	ZM_017_B2_B08_T7C	
15323	ZM_017_B2_B10	ZM_017_B2_B10_T7C	
15324	ZM_017_B2_B11	ZM_017_B2_B11_T7C	
15325	ZM_017_B2_B12	ZM_017_B2_B12_T7C	
15326	ZM_017_B2_C01	ZM_017_B2_C01_T7C	
15327	ZM_017_B2_C04	ZM_017_B2_C04_T7C	
15328	ZM_017_B2_C05	ZM_017_B2_C05_T7C	
15329	ZM_017_B2_C06	ZM_017_B2_C06_T7C	
15330	ZM_017_B2_C09	ZM_017_B2_C09_T7C	
15331	ZM_017_B2_C10	ZM_017_B2_C10_T7C	
15332	ZM_017_B2_C12	ZM_017_B2_C12_T7C	
15333	ZM_017_B2_D01	ZM_017_B2_D01_T7C	
15334	ZM_017_B2_D03	ZM_017_B2_D03_T7C	
15335	ZM_017_B2_D04	ZM_017_B2_D04_T7C	
15336	ZM_017_B2_D05	ZM_017_B2_D05_T7C	
15337	ZM_017_B2_D06	ZM_017_B2_D06_T7C	
15338	ZM_017_B2_D07	ZM_017_B2_D07_T7C	
15339	ZM_017_B2_D08	ZM_017_B2_D08_T7C	
15340	ZM_017_B2_D11	ZM_017_B2_D11_T7C	
15341	ZM_017_B2_E01	ZM_017_B2_E01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15342	ZM_017_B2_E02	ZM_017_B2_E02_T7C	
15343	ZM_017_B2_E03	ZM_017_B2_E03_T7C	
15344	ZM_017_B2_E04	ZM_017_B2_E04_T7C	
15345	ZM_017_B2_E07	ZM_017_B2_E07_T7C	
15346	ZM_017_B2_E08	ZM_017_B2_E08_T7C	
15347	ZM_017_B2_E09	ZM_017_B2_E09_T7C	
15348	ZM_017_B2_E10	ZM_017_B2_E10_T7C	
15349	ZM_017_B2_F01	ZM_017_B2_F01_T7C	
15350	ZM_017_B2_F02	ZM_017_B2_F02_T7C	
15351	ZM_017_B2_F05	ZM_017_B2_F05_T7C	
15352	ZM_017_B2_F06	ZM_017_B2_F06_T7C	
15353	ZM_017_B2_F07	ZM_017_B2_F07_T7C	
15354	ZM_017_B2_F08	ZM_017_B2_F08_T7C	
15355	ZM_017_B2_F09	ZM_017_B2_F09_T7C	
15356	ZM_017_B2_F10	ZM_017_B2_F10_T7C	
15357	ZM_017_B2_F11	ZM_017_B2_F11_T7C	
15358	ZM_017_B2_G01	ZM_017_B2_G01_T7C	
15359	ZM_017_B2_G02	ZM_017_B2_G02_T7C	
15360	ZM_017_B2_G04	ZM_017_B2_G04_T7C	
15361	ZM_017_B2_G05	ZM_017_B2_G05_T7C	
15362	ZM_017_B2_G06	ZM_017_B2_G06_T7C	
15363	ZM_017_B2_G07	ZM_017_B2_G07_T7C	
15364	ZM_017_B2_G10	ZM_017_B2_G10_T7C	
15365	ZM_017_B2_G11	ZM_017_B2_G11_T7C	
15366	ZM_017_B2_H01	ZM_017_B2_H01_T7C	
15367	ZM_017_B2_H02	ZM_017_B2_H02_T7C	
15368	ZM_017_B2_H03	ZM_017_B2_H03_T7C	
15369	ZM_017_B2_H04	ZM_017_B2_H04_T7C	
15370	ZM_017_B2_H05	ZM_017_B2_H05_T7C	
15371	ZM_017_B2_H06	ZM_017_B2_H06_T7C	
15372	ZM_017_B2_H07	ZM_017_B2_H07_T7C	
15373	ZM_017_B2_H10	ZM_017_B2_H10_T7C	
15374	ZM_017_B2_H11	ZM_017_B2_H11_T7C	
15375	ZM_0180_A2_A02	ZM_0180_A2_A02_T7C	
15376	ZM_0180_A2_A03	ZM_0180_A2_A03_T7C	
15377	ZM_0180_A2_A04	ZM_0180_A2_A04_T7C	
15378	ZM_0180_A2_A07	ZM_0180_A2_A07_T7C	
15379	ZM_0180_A2_A08	ZM_0180_A2_A08_T7C	
15380	ZM_0180_A2_A09	ZM_0180_A2_A09_T7C	
15381	ZM_0180_A2_A10	ZM_0180_A2_A10_T7C	
15382	ZM_0180_A2_A11	ZM_0180_A2_A11_T7C	
15383	ZM_0180_A2_B01	ZM_0180_A2_B01_T7C	
15384	ZM_0180_A2_B02	ZM_0180_A2_B02_T7C	
15385	ZM_0180_A2_B03	ZM_0180_A2_B03_T7C	
15386	ZM_0180_A2_B04	ZM_0180_A2_B04_T7C	
15387	ZM_0180_A2_B08	ZM_0180_A2_B08_T7C	
15388	ZM_0180_A2_B09	ZM_0180_A2_B09_T7C	
15389	ZM_0180_A2_B10	ZM_0180_A2_B10_T7C	
15390	ZM_0180_A2_B11	ZM_0180_A2_B11_T7C	
15391	ZM_0180_A2_C01	ZM_0180_A2_C01_T7C	
15392	ZM_0180_A2_C02	ZM_0180_A2_C02_T7C	
15393	ZM_0180_A2_C03	ZM_0180_A2_C03_T7C	
15394	ZM_0180_A2_C04	ZM_0180_A2_C04_T7C	
15395	ZM_0180_A2_C05	ZM_0180_A2_C05_T7C	
15396	ZM_0180_A2_C07	ZM_0180_A2_C07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15397	ZM_0180_A2_C08	ZM_0180_A2_C08_T7C	
15398	ZM_0180_A2_C09	ZM_0180_A2_C09_T7C	
15399	ZM_0180_A2_C10	ZM_0180_A2_C10_T7C	
15400	ZM_0180_A2_C11	ZM_0180_A2_C11_T7C	
15401	ZM_0180_A2_C12	ZM_0180_A2_C12_T7C	
15402	ZM_0180_A2_D01	ZM_0180_A2_D01_T7C	
15403	ZM_0180_A2_D02	ZM_0180_A2_D02_T7C	
15404	ZM_0180_A2_D03	ZM_0180_A2_D03_T7C	
15405	ZM_0180_A2_D04	ZM_0180_A2_D04_T7C	
15406	ZM_0180_A2_D07	ZM_0180_A2_D07_T7C	
15407	ZM_0180_A2_D09	ZM_0180_A2_D09_T7C	
15408	ZM_0180_A2_D11	ZM_0180_A2_D11_T7C	
15409	ZM_0180_A2_D12	ZM_0180_A2_D12_T7C	
15410	ZM_0180_A2_E01	ZM_0180_A2_E01_T7C	
15411	ZM_0180_A2_E02	ZM_0180_A2_E02_T7C	
15412	ZM_0180_A2_E04	ZM_0180_A2_E04_T7C	
15413	ZM_0180_A2_E05	ZM_0180_A2_E05_T7C	
15414	ZM_0180_A2_E07	ZM_0180_A2_E07_T7C	
15415	ZM_0180_A2_E08	ZM_0180_A2_E08_T7C	
15416	ZM_0180_A2_E09	ZM_0180_A2_E09_T7C	
15417	ZM_0180_A2_E10	ZM_0180_A2_E10_T7C	
15418	ZM_0180_A2_E11	ZM_0180_A2_E11_T7C	
15419	ZM_0180_A2_E12	ZM_0180_A2_E12_T7C	
15420	ZM_0180_A2_F01	ZM_0180_A2_F01_T7C	
15421	ZM_0180_A2_F03	ZM_0180_A2_F03_T7C	
15422	ZM_0180_A2_F04	ZM_0180_A2_F04_T7C	
15423	ZM_0180_A2_F05	ZM_0180_A2_F05_T7C	
15424	ZM_0180_A2_F07	ZM_0180_A2_F07_T7C	
15425	ZM_0180_A2_F08	ZM_0180_A2_F08_T7C	
15426	ZM_0180_A2_F09	ZM_0180_A2_F09_T7C	
15427	ZM_0180_A2_F10	ZM_0180_A2_F10_T7C	
15428	ZM_0180_A2_F12	ZM_0180_A2_F12_T7C	
15429	ZM_0180_A2_G01	ZM_0180_A2_G01_T7C	
15430	ZM_0180_A2_G02	ZM_0180_A2_G02_T7C	
15431	ZM_0180_A2_G03	ZM_0180_A2_G03_T7C	
15432	ZM_0180_A2_G04	ZM_0180_A2_G04_T7C	
15433	ZM_0180_A2_G05	ZM_0180_A2_G05_T7C	
15434	ZM_0180_A2_G07	ZM_0180_A2_G07_T7C	
15435	ZM_0180_A2_G08	ZM_0180_A2_G08_T7C	
15436	ZM_0180_A2_G09	ZM_0180_A2_G09_T7C	
15437	ZM_0180_A2_G10	ZM_0180_A2_G10_T7C	
15438	ZM_0180_A2_G11	ZM_0180_A2_G11_T7C	
15439	ZM_0180_A2_G12	ZM_0180_A2_G12_T7C	
15440	ZM_0180_A2_H01	ZM_0180_A2_H01_T7C	
15441	ZM_0180_A2_H02	ZM_0180_A2_H02_T7C	
15442	ZM_0180_A2_H03	ZM_0180_A2_H03_T7C	
15443	ZM_0180_A2_H04	ZM_0180_A2_H04_T7C	
15444	ZM_0180_A2_H05	ZM_0180_A2_H05_T7C	
15445	ZM_0180_A2_H06	ZM_0180_A2_H06_T7C	
15446	ZM_0180_A2_H07	ZM_0180_A2_H07_T7C	
15447	ZM_0180_A2_H08	ZM_0180_A2_H08_T7C	
15448	ZM_0180_A2_H09	ZM_0180_A2_H09_T7C	
15449	ZM_0180_A2_H10	ZM_0180_A2_H10_T7C	
15450	ZM_0180_B1_A02	ZM_0180_B1_A02_T7C	
15451	ZM_0180_B1_A04	ZM_0180_B1_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15452	ZM_0180_B1_A05	ZM_0180_B1_A05_T7C	
15453	ZM_0180_B1_A07	ZM_0180_B1_A07_T7C	
15454	ZM_0180_B1_A12	ZM_0180_B1_A12_T7C	
15455	ZM_0180_B1_B01	ZM_0180_B1_B01_T7C	
15456	ZM_0180_B1_B02	ZM_0180_B1_B02_T7C	
15457	ZM_0180_B1_B03	ZM_0180_B1_B03_T7C	
15458	ZM_0180_B1_B04	ZM_0180_B1_B04_T7C	
15459	ZM_0180_B1_B05	ZM_0180_B1_B05_T7C	
15460	ZM_0180_B1_B07	ZM_0180_B1_B07_T7C	
15461	ZM_0180_B1_B08	ZM_0180_B1_B08_T7C	
15462	ZM_0180_B1_B10	ZM_0180_B1_B10_T7C	
15463	ZM_0180_B1_B12	ZM_0180_B1_B12_T7C	
15464	ZM_0180_B1_C04	ZM_0180_B1_C04_T7C	
15465	ZM_0180_B1_C05	ZM_0180_B1_C05_T7C	
15466	ZM_0180_B1_C06	ZM_0180_B1_C06_T7C	
15467	ZM_0180_B1_C07	ZM_0180_B1_C07_T7C	
15468	ZM_0180_B1_D01	ZM_0180_B1_D01_T7C	
15469	ZM_0180_B1_D04	ZM_0180_B1_D04_T7C	
15470	ZM_0180_B1_D05	ZM_0180_B1_D05_T7C	
15471	ZM_0180_B1_D09	ZM_0180_B1_D09_T7C	
15472	ZM_0180_B1_D10	ZM_0180_B1_D10_T7C	
15473	ZM_0180_B1_D12	ZM_0180_B1_D12_T7C	
15474	ZM_0180_B1_E05	ZM_0180_B1_E05_T7C	
15475	ZM_0180_B1_E06	ZM_0180_B1_E06_T7C	
15476	ZM_0180_B1_E07	ZM_0180_B1_E07_T7C	
15477	ZM_0180_B1_E08	ZM_0180_B1_E08_T7C	
15478	ZM_0180_B1_E12	ZM_0180_B1_E12_T7C	
15479	ZM_0180_B1_F03	ZM_0180_B1_F03_T7C	
15480	ZM_0180_B1_F05	ZM_0180_B1_F05_T7C	
15481	ZM_0180_B1_F07	ZM_0180_B1_F07_T7C	
15482	ZM_0180_B1_F08	ZM_0180_B1_F08_T7C	
15483	ZM_0180_B1_F09	ZM_0180_B1_F09_T7C	
15484	ZM_0180_B1_F11	ZM_0180_B1_F11_T7C	
15485	ZM_0180_B1_G01	ZM_0180_B1_G01_T7C	
15486	ZM_0180_B1_G02	ZM_0180_B1_G02_T7C	
15487	ZM_0180_B1_G03	ZM_0180_B1_G03_T7C	
15488	ZM_0180_B1_G04	ZM_0180_B1_G04_T7C	
15489	ZM_0180_B1_G06	ZM_0180_B1_G06_T7C	
15490	ZM_0180_B1_G07	ZM_0180_B1_G07_T7C	
15491	ZM_0180_B1_G08	ZM_0180_B1_G08_T7C	
15492	ZM_0180_B1_G12	ZM_0180_B1_G12_T7C	
15493	ZM_0180_B1_H03	ZM_0180_B1_H03_T7C	
15494	ZM_0180_B1_H04	ZM_0180_B1_H04_T7C	
15495	ZM_0180_B1_H06	ZM_0180_B1_H06_T7C	
15496	ZM_0180_B1_H07	ZM_0180_B1_H07_T7C	
15497	ZM_0180_B1_H08	ZM_0180_B1_H08_T7C	
15498	ZM_0180_B1_H09	ZM_0180_B1_H09_T7C	
15499	ZM_0180_B1_H10	ZM_0180_B1_H10_T7C	
15500	ZM_0180_B1_H11	ZM_0180_B1_H11_T7C	
15501	ZM_0180_B1_H12	ZM_0180_B1_H12_T7C	
15502	ZM_0180_B2_A03	ZM_0180_B2_A03_T7C	
15503	ZM_0180_B2_A06	ZM_0180_B2_A06_T7C	
15504	ZM_0180_B2_A07	ZM_0180_B2_A07_T7C	
15505	ZM_0180_B2_A08	ZM_0180_B2_A08_T7C	
15506	ZM_0180_B2_A09	ZM_0180_B2_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15507	ZM_0180_B2_A10	ZM_0180_B2_A10_T7C	
15508	ZM_0180_B2_A12	ZM_0180_B2_A12_T7C	
15509	ZM_0180_B2_B02	ZM_0180_B2_B02_T7C	
15510	ZM_0180_B2_B04	ZM_0180_B2_B04_T7C	
15511	ZM_0180_B2_B05	ZM_0180_B2_B05_T7C	
15512	ZM_0180_B2_B09	ZM_0180_B2_B09_T7C	
15513	ZM_0180_B2_B10	ZM_0180_B2_B10_T7C	
15514	ZM_0180_B2_B12	ZM_0180_B2_B12_T7C	
15515	ZM_0180_B2_C03	ZM_0180_B2_C03_T7C	
15516	ZM_0180_B2_C04	ZM_0180_B2_C04_T7C	
15517	ZM_0180_B2_C05	ZM_0180_B2_C05_T7C	
15518	ZM_0180_B2_C06	ZM_0180_B2_C06_T7C	
15519	ZM_0180_B2_C08	ZM_0180_B2_C08_T7C	
15520	ZM_0180_B2_C10	ZM_0180_B2_C10_T7C	
15521	ZM_0180_B2_C12	ZM_0180_B2_C12_T7C	
15522	ZM_0180_B2_D01	ZM_0180_B2_D01_T7C	
15523	ZM_0180_B2_D07	ZM_0180_B2_D07_T7C	
15524	ZM_0180_B2_D08	ZM_0180_B2_D08_T7C	
15525	ZM_0180_B2_D09	ZM_0180_B2_D09_T7C	
15526	ZM_0180_B2_D10	ZM_0180_B2_D10_T7C	
15527	ZM_0180_B2_D11	ZM_0180_B2_D11_T7C	
15528	ZM_0180_B2_D12	ZM_0180_B2_D12_T7C	
15529	ZM_0180_B2_E02	ZM_0180_B2_E02_T7C	
15530	ZM_0180_B2_E05	ZM_0180_B2_E05_T7C	
15531	ZM_0180_B2_E08	ZM_0180_B2_E08_T7C	
15532	ZM_0180_B2_E10	ZM_0180_B2_E10_T7C	
15533	ZM_0180_B2_E12	ZM_0180_B2_E12_T7C	
15534	ZM_0180_B2_F03	ZM_0180_B2_F03_T7C	
15535	ZM_0180_B2_F04	ZM_0180_B2_F04_T7C	
15536	ZM_0180_B2_F09	ZM_0180_B2_F09_T7C	
15537	ZM_0180_B2_G05	ZM_0180_B2_G05_T7C	
15538	ZM_0180_B2_G08	ZM_0180_B2_G08_T7C	
15539	ZM_0180_B2_G09	ZM_0180_B2_G09_T7C	
15540	ZM_0180_B2_G10	ZM_0180_B2_G10_T7C	
15541	ZM_0180_B2_H02	ZM_0180_B2_H02_T7C	
15542	ZM_0180_B2_H03	ZM_0180_B2_H03_T7C	
15543	ZM_0180_B2_H04	ZM_0180_B2_H04_T7C	
15544	ZM_0180_B2_H05	ZM_0180_B2_H05_T7C	
15545	ZM_0180_B2_H06	ZM_0180_B2_H06_T7C	
15546	ZM_0180_B2_H08	ZM_0180_B2_H08_T7C	
15547	ZM_0180_B2_H09	ZM_0180_B2_H09_T7C	
15548	ZM_0181_A1_A03	ZM_0181_A1_A03_T7C	
15549	ZM_0181_A1_A04	ZM_0181_A1_A04_T7C	
15550	ZM_0181_A1_A05	ZM_0181_A1_A05_T7C	
15551	ZM_0181_A1_A06	ZM_0181_A1_A06_T7C	
15552	ZM_0181_A1_A07	ZM_0181_A1_A07_T7C	
15553	ZM_0181_A1_A08	ZM_0181_A1_A08_T7C	
15554	ZM_0181_A1_A09	ZM_0181_A1_A09_T7C	
15555	ZM_0181_A1_A10	ZM_0181_A1_A10_T7C	
15556	ZM_0181_A1_A11	ZM_0181_A1_A11_T7C	
15557	ZM_0181_A1_A12	ZM_0181_A1_A12_T7C	
15558	ZM_0181_A1_B01	ZM_0181_A1_B01_T7C	
15559	ZM_0181_A1_B02	ZM_0181_A1_B02_T7C	
15560	ZM_0181_A1_B03	ZM_0181_A1_B03_T7C	
15561	ZM_0181_A1_B04	ZM_0181_A1_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15562	ZM_0181_A1_B05	ZM_0181_A1_B05_T7C	
15563	ZM_0181_A1_B06	ZM_0181_A1_B06_T7C	
15564	ZM_0181_A1_B07	ZM_0181_A1_B07_T7C	
15565	ZM_0181_A1_B08	ZM_0181_A1_B08_T7C	
15566	ZM_0181_A1_B09	ZM_0181_A1_B09_T7C	
15567	ZM_0181_A1_B10	ZM_0181_A1_B10_T7C	
15568	ZM_0181_A1_B11	ZM_0181_A1_B11_T7C	
15569	ZM_0181_A1_B12	ZM_0181_A1_B12_T7C	
15570	ZM_0181_A1_C01	ZM_0181_A1_C01_T7C	
15571	ZM_0181_A1_C02	ZM_0181_A1_C02_T7C	
15572	ZM_0181_A1_C03	ZM_0181_A1_C03_T7C	
15573	ZM_0181_A1_C04	ZM_0181_A1_C04_T7C	
15574	ZM_0181_A1_C05	ZM_0181_A1_C05_T7C	
15575	ZM_0181_A1_C06	ZM_0181_A1_C06_T7C	
15576	ZM_0181_A1_C07	ZM_0181_A1_C07_T7C	
15577	ZM_0181_A1_C08	ZM_0181_A1_C08_T7C	
15578	ZM_0181_A1_C09	ZM_0181_A1_C09_T7C	
15579	ZM_0181_A1_C10	ZM_0181_A1_C10_T7C	
15580	ZM_0181_A1_C11	ZM_0181_A1_C11_T7C	
15581	ZM_0181_A1_C12	ZM_0181_A1_C12_T7C	
15582	ZM_0181_A1_D02	ZM_0181_A1_D02_T7C	
15583	ZM_0181_A1_D03	ZM_0181_A1_D03_T7C	
15584	ZM_0181_A1_D04	ZM_0181_A1_D04_T7C	
15585	ZM_0181_A1_D05	ZM_0181_A1_D05_T7C	
15586	ZM_0181_A1_D06	ZM_0181_A1_D06_T7C	
15587	ZM_0181_A1_D07	ZM_0181_A1_D07_T7C	
15588	ZM_0181_A1_D08	ZM_0181_A1_D08_T7C	
15589	ZM_0181_A1_D09	ZM_0181_A1_D09_T7C	
15590	ZM_0181_A1_D10	ZM_0181_A1_D10_T7C	
15591	ZM_0181_A1_D11	ZM_0181_A1_D11_T7C	
15592	ZM_0181_A1_D12	ZM_0181_A1_D12_T7C	
15593	ZM_0181_A1_E02	ZM_0181_A1_E02_T7C	
15594	ZM_0181_A1_E03	ZM_0181_A1_E03_T7C	
15595	ZM_0181_A1_E04	ZM_0181_A1_E04_T7C	
15596	ZM_0181_A1_E05	ZM_0181_A1_E05_T7C	
15597	ZM_0181_A1_E06	ZM_0181_A1_E06_T7C	
15598	ZM_0181_A1_E07	ZM_0181_A1_E07_T7C	
15599	ZM_0181_A1_E08	ZM_0181_A1_E08_T7C	
15600	ZM_0181_A1_E09	ZM_0181_A1_E09_T7C	
15601	ZM_0181_A1_E10	ZM_0181_A1_E10_T7C	
15602	ZM_0181_A1_E11	ZM_0181_A1_E11_T7C	
15603	ZM_0181_A1_E12	ZM_0181_A1_E12_T7C	
15604	ZM_0181_A1_F01	ZM_0181_A1_F01_T7C	
15605	ZM_0181_A1_F02	ZM_0181_A1_F02_T7C	
15606	ZM_0181_A1_F03	ZM_0181_A1_F03_T7C	
15607	ZM_0181_A1_F04	ZM_0181_A1_F04_T7C	
15608	ZM_0181_A1_F05	ZM_0181_A1_F05_T7C	
15609	ZM_0181_A1_F06	ZM_0181_A1_F06_T7C	
15610	ZM_0181_A1_F07	ZM_0181_A1_F07_T7C	
15611	ZM_0181_A1_F08	ZM_0181_A1_F08_T7C	
15612	ZM_0181_A1_F09	ZM_0181_A1_F09_T7C	
15613	ZM_0181_A1_F10	ZM_0181_A1_F10_T7C	
15614	ZM_0181_A1_F11	ZM_0181_A1_F11_T7C	
15615	ZM_0181_A1_F12	ZM_0181_A1_F12_T7C	
15616	ZM_0181_A1_G01	ZM_0181_A1_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15617	ZM_0181_A1_G02	ZM_0181_A1_G02_T7C	
15618	ZM_0181_A1_G03	ZM_0181_A1_G03_T7C	
15619	ZM_0181_A1_G04	ZM_0181_A1_G04_T7C	
15620	ZM_0181_A1_G05	ZM_0181_A1_G05_T7C	
15621	ZM_0181_A1_G06	ZM_0181_A1_G06_T7C	
15622	ZM_0181_A1_G07	ZM_0181_A1_G07_T7C	
15623	ZM_0181_A1_G08	ZM_0181_A1_G08_T7C	
15624	ZM_0181_A1_G09	ZM_0181_A1_G09_T7C	
15625	ZM_0181_A1_G10	ZM_0181_A1_G10_T7C	
15626	ZM_0181_A1_G11	ZM_0181_A1_G11_T7C	
15627	ZM_0181_A1_G12	ZM_0181_A1_G12_T7C	
15628	ZM_0181_A1_H01	ZM_0181_A1_H01_T7C	
15629	ZM_0181_A1_H02	ZM_0181_A1_H02_T7C	
15630	ZM_0181_A1_H03	ZM_0181_A1_H03_T7C	
15631	ZM_0181_A1_H04	ZM_0181_A1_H04_T7C	
15632	ZM_0181_A1_H05	ZM_0181_A1_H05_T7C	
15633	ZM_0181_A1_H06	ZM_0181_A1_H06_T7C	
15634	ZM_0181_A1_H07	ZM_0181_A1_H07_T7C	
15635	ZM_0181_A1_H08	ZM_0181_A1_H08_T7C	
15636	ZM_0181_A1_H09	ZM_0181_A1_H09_T7C	
15637	ZM_0181_A1_H10	ZM_0181_A1_H10_T7C	
15638	ZM_0181_A1_H11	ZM_0181_A1_H11_T7C	
15639	ZM_0181_A2_A02	ZM_0181_A2_A02_T7C	
15640	ZM_0181_A2_A03	ZM_0181_A2_A03_T7C	
15641	ZM_0181_A2_A04	ZM_0181_A2_A04_T7C	
15642	ZM_0181_A2_A05	ZM_0181_A2_A05_T7C	
15643	ZM_0181_A2_A06	ZM_0181_A2_A06_T7C	
15644	ZM_0181_A2_A07	ZM_0181_A2_A07_T7C	
15645	ZM_0181_A2_A08	ZM_0181_A2_A08_T7C	
15646	ZM_0181_A2_A09	ZM_0181_A2_A09_T7C	
15647	ZM_0181_A2_A10	ZM_0181_A2_A10_T7C	
15648	ZM_0181_A2_A11	ZM_0181_A2_A11_T7C	
15649	ZM_0181_A2_A12	ZM_0181_A2_A12_T7C	
15650	ZM_0181_A2_B01	ZM_0181_A2_B01_T7C	
15651	ZM_0181_A2_B02	ZM_0181_A2_B02_T7C	
15652	ZM_0181_A2_B03	ZM_0181_A2_B03_T7C	
15653	ZM_0181_A2_B04	ZM_0181_A2_B04_T7C	
15654	ZM_0181_A2_B05	ZM_0181_A2_B05_T7C	
15655	ZM_0181_A2_B06	ZM_0181_A2_B06_T7C	
15656	ZM_0181_A2_B07	ZM_0181_A2_B07_T7C	
15657	ZM_0181_A2_B08	ZM_0181_A2_B08_T7C	
15658	ZM_0181_A2_B09	ZM_0181_A2_B09_T7C	
15659	ZM_0181_A2_B10	ZM_0181_A2_B10_T7C	
15660	ZM_0181_A2_B12	ZM_0181_A2_B12_T7C	
15661	ZM_0181_A2_C02	ZM_0181_A2_C02_T7C	
15662	ZM_0181_A2_C03	ZM_0181_A2_C03_T7C	
15663	ZM_0181_A2_C04	ZM_0181_A2_C04_T7C	
15664	ZM_0181_A2_C05	ZM_0181_A2_C05_T7C	
15665	ZM_0181_A2_C06	ZM_0181_A2_C06_T7C	
15666	ZM_0181_A2_C07	ZM_0181_A2_C07_T7C	
15667	ZM_0181_A2_C08	ZM_0181_A2_C08_T7C	
15668	ZM_0181_A2_C09	ZM_0181_A2_C09_T7C	
15669	ZM_0181_A2_C10	ZM_0181_A2_C10_T7C	
15670	ZM_0181_A2_C12	ZM_0181_A2_C12_T7C	
15671	ZM_0181_A2_D01	ZM_0181_A2_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15672	ZM_0181_A2_D02	ZM_0181_A2_D02_T7C	
15673	ZM_0181_A2_D03	ZM_0181_A2_D03_T7C	
15674	ZM_0181_A2_D04	ZM_0181_A2_D04_T7C	
15675	ZM_0181_A2_D05	ZM_0181_A2_D05_T7C	
15676	ZM_0181_A2_D06	ZM_0181_A2_D06_T7C	
15677	ZM_0181_A2_D07	ZM_0181_A2_D07_T7C	
15678	ZM_0181_A2_D08	ZM_0181_A2_D08_T7C	
15679	ZM_0181_A2_D09	ZM_0181_A2_D09_T7C	
15680	ZM_0181_A2_D10	ZM_0181_A2_D10_T7C	
15681	ZM_0181_A2_D11	ZM_0181_A2_D11_T7C	
15682	ZM_0181_A2_D12	ZM_0181_A2_D12_T7C	
15683	ZM_0181_A2_E01	ZM_0181_A2_E01_T7C	
15684	ZM_0181_A2_E02	ZM_0181_A2_E02_T7C	
15685	ZM_0181_A2_E03	ZM_0181_A2_E03_T7C	
15686	ZM_0181_A2_E04	ZM_0181_A2_E04_T7C	
15687	ZM_0181_A2_E05	ZM_0181_A2_E05_T7C	
15688	ZM_0181_A2_E06	ZM_0181_A2_E06_T7C	
15689	ZM_0181_A2_E07	ZM_0181_A2_E07_T7C	
15690	ZM_0181_A2_E08	ZM_0181_A2_E08_T7C	
15691	ZM_0181_A2_E09	ZM_0181_A2_E09_T7C	
15692	ZM_0181_A2_E11	ZM_0181_A2_E11_T7C	
15693	ZM_0181_A2_E12	ZM_0181_A2_E12_T7C	
15694	ZM_0181_A2_F01	ZM_0181_A2_F01_T7C	
15695	ZM_0181_A2_F02	ZM_0181_A2_F02_T7C	
15696	ZM_0181_A2_F03	ZM_0181_A2_F03_T7C	
15697	ZM_0181_A2_F04	ZM_0181_A2_F04_T7C	
15698	ZM_0181_A2_F05	ZM_0181_A2_F05_T7C	
15699	ZM_0181_A2_F06	ZM_0181_A2_F06_T7C	
15700	ZM_0181_A2_F07	ZM_0181_A2_F07_T7C	
15701	ZM_0181_A2_F08	ZM_0181_A2_F08_T7C	
15702	ZM_0181_A2_F10	ZM_0181_A2_F10_T7C	
15703	ZM_0181_A2_F11	ZM_0181_A2_F11_T7C	
15704	ZM_0181_A2_F12	ZM_0181_A2_F12_T7C	
15705	ZM_0181_A2_G01	ZM_0181_A2_G01_T7C	
15706	ZM_0181_A2_G02	ZM_0181_A2_G02_T7C	
15707	ZM_0181_A2_G03	ZM_0181_A2_G03_T7C	
15708	ZM_0181_A2_G04	ZM_0181_A2_G04_T7C	
15709	ZM_0181_A2_G05	ZM_0181_A2_G05_T7C	
15710	ZM_0181_A2_G06	ZM_0181_A2_G06_T7C	
15711	ZM_0181_A2_G07	ZM_0181_A2_G07_T7C	
15712	ZM_0181_A2_G08	ZM_0181_A2_G08_T7C	
15713	ZM_0181_A2_G09	ZM_0181_A2_G09_T7C	
15714	ZM_0181_A2_G10	ZM_0181_A2_G10_T7C	
15715	ZM_0181_A2_G11	ZM_0181_A2_G11_T7C	
15716	ZM_0181_A2_G12	ZM_0181_A2_G12_T7C	
15717	ZM_0181_A2_H01	ZM_0181_A2_H01_T7C	
15718	ZM_0181_A2_H02	ZM_0181_A2_H02_T7C	
15719	ZM_0181_A2_H03	ZM_0181_A2_H03_T7C	
15720	ZM_0181_A2_H04	ZM_0181_A2_H04_T7C	
15721	ZM_0181_A2_H06	ZM_0181_A2_H06_T7C	
15722	ZM_0181_A2_H07	ZM_0181_A2_H07_T7C	
15723	ZM_0181_A2_H08	ZM_0181_A2_H08_T7C	
15724	ZM_0181_A2_H09	ZM_0181_A2_H09_T7C	
15725	ZM_0181_A2_H10	ZM_0181_A2_H10_T7C	
15726	ZM_0181_A2_H12	ZM_0181_A2_H12_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15727	ZM_0181_B1_A01	ZM_0181_B1_A01_T7C	
15728	ZM_0181_B1_A03	ZM_0181_B1_A03_T7C	
15729	ZM_0181_B1_A04	ZM_0181_B1_A04_T7C	
15730	ZM_0181_B1_A05	ZM_0181_B1_A05_T7C	
15731	ZM_0181_B1_A06	ZM_0181_B1_A06_T7C	
15732	ZM_0181_B1_A07	ZM_0181_B1_A07_T7C	
15733	ZM_0181_B1_A08	ZM_0181_B1_A08_T7C	
15734	ZM_0181_B1_A09	ZM_0181_B1_A09_T7C	
15735	ZM_0181_B1_A10	ZM_0181_B1_A10_T7C	
15736	ZM_0181_B1_A12	ZM_0181_B1_A12_T7C	
15737	ZM_0181_B1_B01	ZM_0181_B1_B01_T7C	
15738	ZM_0181_B1_B02	ZM_0181_B1_B02_T7C	
15739	ZM_0181_B1_B04	ZM_0181_B1_B04_T7C	
15740	ZM_0181_B1_B05	ZM_0181_B1_B05_T7C	
15741	ZM_0181_B1_B06	ZM_0181_B1_B06_T7C	
15742	ZM_0181_B1_B07	ZM_0181_B1_B07_T7C	
15743	ZM_0181_B1_B08	ZM_0181_B1_B08_T7C	
15744	ZM_0181_B1_B09	ZM_0181_B1_B09_T7C	
15745	ZM_0181_B1_B10	ZM_0181_B1_B10_T7C	
15746	ZM_0181_B1_C01	ZM_0181_B1_C01_T7C	
15747	ZM_0181_B1_C02	ZM_0181_B1_C02_T7C	
15748	ZM_0181_B1_C03	ZM_0181_B1_C03_T7C	
15749	ZM_0181_B1_C05	ZM_0181_B1_C05_T7C	
15750	ZM_0181_B1_C06	ZM_0181_B1_C06_T7C	
15751	ZM_0181_B1_C07	ZM_0181_B1_C07_T7C	
15752	ZM_0181_B1_C08	ZM_0181_B1_C08_T7C	
15753	ZM_0181_B1_C10	ZM_0181_B1_C10_T7C	
15754	ZM_0181_B1_C11	ZM_0181_B1_C11_T7C	
15755	ZM_0181_B1_C12	ZM_0181_B1_C12_T7C	
15756	ZM_0181_B1_D01	ZM_0181_B1_D01_T7C	
15757	ZM_0181_B1_D02	ZM_0181_B1_D02_T7C	
15758	ZM_0181_B1_D03	ZM_0181_B1_D03_T7C	
15759	ZM_0181_B1_D04	ZM_0181_B1_D04_T7C	
15760	ZM_0181_B1_D05	ZM_0181_B1_D05_T7C	
15761	ZM_0181_B1_D06	ZM_0181_B1_D06_T7C	
15762	ZM_0181_B1_D08	ZM_0181_B1_D08_T7C	
15763	ZM_0181_B1_D09	ZM_0181_B1_D09_T7C	
15764	ZM_0181_B1_D10	ZM_0181_B1_D10_T7C	
15765	ZM_0181_B1_D11	ZM_0181_B1_D11_T7C	
15766	ZM_0181_B1_D12	ZM_0181_B1_D12_T7C	
15767	ZM_0181_B1_E01	ZM_0181_B1_E01_T7C	
15768	ZM_0181_B1_E02	ZM_0181_B1_E02_T7C	
15769	ZM_0181_B1_E03	ZM_0181_B1_E03_T7C	
15770	ZM_0181_B1_E04	ZM_0181_B1_E04_T7C	
15771	ZM_0181_B1_E05	ZM_0181_B1_E05_T7C	
15772	ZM_0181_B1_E06	ZM_0181_B1_E06_T7C	
15773	ZM_0181_B1_E07	ZM_0181_B1_E07_T7C	
15774	ZM_0181_B1_E08	ZM_0181_B1_E08_T7C	
15775	ZM_0181_B1_E09	ZM_0181_B1_E09_T7C	
15776	ZM_0181_B1_E10	ZM_0181_B1_E10_T7C	
15777	ZM_0181_B1_E11	ZM_0181_B1_E11_T7C	
15778	ZM_0181_B1_E12	ZM_0181_B1_E12_T7C	
15779	ZM_0181_B1_F01	ZM_0181_B1_F01_T7C	
15780	ZM_0181_B1_F02	ZM_0181_B1_F02_T7C	
15781	ZM_0181_B1_F03	ZM_0181_B1_F03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15782	ZM_0181_B1_F04	ZM_0181_B1_F04_T7C	
15783	ZM_0181_B1_F05	ZM_0181_B1_F05_T7C	
15784	ZM_0181_B1_F06	ZM_0181_B1_F06_T7C	
15785	ZM_0181_B1_F07	ZM_0181_B1_F07_T7C	
15786	ZM_0181_B1_F08	ZM_0181_B1_F08_T7C	
15787	ZM_0181_B1_F09	ZM_0181_B1_F09_T7C	
15788	ZM_0181_B1_F10	ZM_0181_B1_F10_T7C	
15789	ZM_0181_B1_F12	ZM_0181_B1_F12_T7C	
15790	ZM_0181_B1_G01	ZM_0181_B1_G01_T7C	
15791	ZM_0181_B1_G04	ZM_0181_B1_G04_T7C	
15792	ZM_0181_B1_G05	ZM_0181_B1_G05_T7C	
15793	ZM_0181_B1_G06	ZM_0181_B1_G06_T7C	
15794	ZM_0181_B1_G08	ZM_0181_B1_G08_T7C	
15795	ZM_0181_B1_G09	ZM_0181_B1_G09_T7C	
15796	ZM_0181_B1_G11	ZM_0181_B1_G11_T7C	
15797	ZM_0181_B1_G12	ZM_0181_B1_G12_T7C	
15798	ZM_0181_B1_H01	ZM_0181_B1_H01_T7C	
15799	ZM_0181_B1_H02	ZM_0181_B1_H02_T7C	
15800	ZM_0181_B1_H03	ZM_0181_B1_H03_T7C	
15801	ZM_0181_B1_H04	ZM_0181_B1_H04_T7C	
15802	ZM_0181_B1_H05	ZM_0181_B1_H05_T7C	
15803	ZM_0181_B1_H06	ZM_0181_B1_H06_T7C	
15804	ZM_0181_B1_H07	ZM_0181_B1_H07_T7C	
15805	ZM_0181_B1_H08	ZM_0181_B1_H08_T7C	
15806	ZM_0181_B1_H09	ZM_0181_B1_H09_T7C	
15807	ZM_0181_B1_H10	ZM_0181_B1_H10_T7C	
15808	ZM_0181_B1_H12	ZM_0181_B1_H12_T7C	
15809	ZM_0182_A2_A01	ZM_0182_A2_A01_T7C	
15810	ZM_0182_A2_A02	ZM_0182_A2_A02_T7C	
15811	ZM_0182_A2_A03	ZM_0182_A2_A03_T7C	
15812	ZM_0182_A2_A04	ZM_0182_A2_A04_T7C	
15813	ZM_0182_A2_A06	ZM_0182_A2_A06_T7C	
15814	ZM_0182_A2_A07	ZM_0182_A2_A07_T7C	
15815	ZM_0182_A2_A08	ZM_0182_A2_A08_T7C	
15816	ZM_0182_A2_A09	ZM_0182_A2_A09_T7C	
15817	ZM_0182_A2_A10	ZM_0182_A2_A10_T7C	
15818	ZM_0182_A2_A11	ZM_0182_A2_A11_T7C	
15819	ZM_0182_A2_A12	ZM_0182_A2_A12_T7C	
15820	ZM_0182_A2_B01	ZM_0182_A2_B01_T7C	
15821	ZM_0182_A2_B02	ZM_0182_A2_B02_T7C	
15822	ZM_0182_A2_B03	ZM_0182_A2_B03_T7C	
15823	ZM_0182_A2_B04	ZM_0182_A2_B04_T7C	
15824	ZM_0182_A2_B05	ZM_0182_A2_B05_T7C	
15825	ZM_0182_A2_B06	ZM_0182_A2_B06_T7C	
15826	ZM_0182_A2_B07	ZM_0182_A2_B07_T7C	
15827	ZM_0182_A2_B08	ZM_0182_A2_B08_T7C	
15828	ZM_0182_A2_B09	ZM_0182_A2_B09_T7C	
15829	ZM_0182_A2_B10	ZM_0182_A2_B10_T7C	
15830	ZM_0182_A2_B11	ZM_0182_A2_B11_T7C	
15831	ZM_0182_A2_B12	ZM_0182_A2_B12_T7C	
15832	ZM_0182_A2_C01	ZM_0182_A2_C01_T7C	
15833	ZM_0182_A2_C02	ZM_0182_A2_C02_T7C	
15834	ZM_0182_A2_C04	ZM_0182_A2_C04_T7C	
15835	ZM_0182_A2_C05	ZM_0182_A2_C05_T7C	
15836	ZM_0182_A2_C06	ZM_0182_A2_C06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15837	ZM_0182_A2_C07	ZM_0182_A2_C07_T7C	
15838	ZM_0182_A2_C08	ZM_0182_A2_C08_T7C	
15839	ZM_0182_A2_C09	ZM_0182_A2_C09_T7C	
15840	ZM_0182_A2_C10	ZM_0182_A2_C10_T7C	
15841	ZM_0182_A2_C11	ZM_0182_A2_C11_T7C	
15842	ZM_0182_A2_C12	ZM_0182_A2_C12_T7C	
15843	ZM_0182_A2_D01	ZM_0182_A2_D01_T7C	
15844	ZM_0182_A2_D03	ZM_0182_A2_D03_T7C	
15845	ZM_0182_A2_D04	ZM_0182_A2_D04_T7C	
15846	ZM_0182_A2_D05	ZM_0182_A2_D05_T7C	
15847	ZM_0182_A2_D06	ZM_0182_A2_D06_T7C	
15848	ZM_0182_A2_D07	ZM_0182_A2_D07_T7C	
15849	ZM_0182_A2_D08	ZM_0182_A2_D08_T7C	
15850	ZM_0182_A2_D09	ZM_0182_A2_D09_T7C	
15851	ZM_0182_A2_D10	ZM_0182_A2_D10_T7C	
15852	ZM_0182_A2_D11	ZM_0182_A2_D11_T7C	
15853	ZM_0182_A2_D12	ZM_0182_A2_D12_T7C	
15854	ZM_0182_A2_E01	ZM_0182_A2_E01_T7C	
15855	ZM_0182_A2_E03	ZM_0182_A2_E03_T7C	
15856	ZM_0182_A2_E04	ZM_0182_A2_E04_T7C	
15857	ZM_0182_A2_E05	ZM_0182_A2_E05_T7C	
15858	ZM_0182_A2_E07	ZM_0182_A2_E07_T7C	
15859	ZM_0182_A2_E08	ZM_0182_A2_E08_T7C	
15860	ZM_0182_A2_E10	ZM_0182_A2_E10_T7C	
15861	ZM_0182_A2_E11	ZM_0182_A2_E11_T7C	
15862	ZM_0182_A2_F01	ZM_0182_A2_F01_T7C	
15863	ZM_0182_A2_F02	ZM_0182_A2_F02_T7C	
15864	ZM_0182_A2_F03	ZM_0182_A2_F03_T7C	
15865	ZM_0182_A2_F04	ZM_0182_A2_F04_T7C	
15866	ZM_0182_A2_F06	ZM_0182_A2_F06_T7C	
15867	ZM_0182_A2_F07	ZM_0182_A2_F07_T7C	
15868	ZM_0182_A2_F08	ZM_0182_A2_F08_T7C	
15869	ZM_0182_A2_F09	ZM_0182_A2_F09_T7C	
15870	ZM_0182_A2_F10	ZM_0182_A2_F10_T7C	
15871	ZM_0182_A2_F11	ZM_0182_A2_F11_T7C	
15872	ZM_0182_A2_F12	ZM_0182_A2_F12_T7C	
15873	ZM_0182_A2_G01	ZM_0182_A2_G01_T7C	
15874	ZM_0182_A2_G02	ZM_0182_A2_G02_T7C	
15875	ZM_0182_A2_G03	ZM_0182_A2_G03_T7C	
15876	ZM_0182_A2_G04	ZM_0182_A2_G04_T7C	
15877	ZM_0182_A2_G06	ZM_0182_A2_G06_T7C	
15878	ZM_0182_A2_G07	ZM_0182_A2_G07_T7C	
15879	ZM_0182_A2_G08	ZM_0182_A2_G08_T7C	
15880	ZM_0182_A2_G09	ZM_0182_A2_G09_T7C	
15881	ZM_0182_A2_G10	ZM_0182_A2_G10_T7C	
15882	ZM_0182_A2_G11	ZM_0182_A2_G11_T7C	
15883	ZM_0182_A2_G12	ZM_0182_A2_G12_T7C	
15884	ZM_0182_A2_H01	ZM_0182_A2_H01_T7C	
15885	ZM_0182_A2_H02	ZM_0182_A2_H02_T7C	
15886	ZM_0182_A2_H03	ZM_0182_A2_H03_T7C	
15887	ZM_0182_A2_H04	ZM_0182_A2_H04_T7C	
15888	ZM_0182_A2_H05	ZM_0182_A2_H05_T7C	
15889	ZM_0182_A2_H06	ZM_0182_A2_H06_T7C	
15890	ZM_0182_A2_H07	ZM_0182_A2_H07_T7C	
15891	ZM_0182_A2_H08	ZM_0182_A2_H08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15892	ZM_0182_A2_H09	ZM_0182_A2_H09_T7C	
15893	ZM_0182_A2_H10	ZM_0182_A2_H10_T7C	
15894	ZM_0182_A2_H11	ZM_0182_A2_H11_T7C	
15895	ZM_0182_A2_H12	ZM_0182_A2_H12_T7C	
15896	ZM_0182_B2_A02	ZM_0182_B2_A02_T7C	
15897	ZM_0182_B2_A03	ZM_0182_B2_A03_T7C	
15898	ZM_0182_B2_A04	ZM_0182_B2_A04_T7C	
15899	ZM_0182_B2_A05	ZM_0182_B2_A05_T7C	
15900	ZM_0182_B2_A07	ZM_0182_B2_A07_T7C	
15901	ZM_0182_B2_A08	ZM_0182_B2_A08_T7C	
15902	ZM_0182_B2_A09	ZM_0182_B2_A09_T7C	
15903	ZM_0182_B2_A10	ZM_0182_B2_A10_T7C	
15904	ZM_0182_B2_A11	ZM_0182_B2_A11_T7C	
15905	ZM_0182_B2_A12	ZM_0182_B2_A12_T7C	
15906	ZM_0182_B2_B01	ZM_0182_B2_B01_T7C	
15907	ZM_0182_B2_B02	ZM_0182_B2_B02_T7C	
15908	ZM_0182_B2_B03	ZM_0182_B2_B03_T7C	
15909	ZM_0182_B2_B04	ZM_0182_B2_B04_T7C	
15910	ZM_0182_B2_B05	ZM_0182_B2_B05_T7C	
15911	ZM_0182_B2_B06	ZM_0182_B2_B06_T7C	
15912	ZM_0182_B2_B07	ZM_0182_B2_B07_T7C	
15913	ZM_0182_B2_B08	ZM_0182_B2_B08_T7C	
15914	ZM_0182_B2_B09	ZM_0182_B2_B09_T7C	
15915	ZM_0182_B2_B10	ZM_0182_B2_B10_T7C	
15916	ZM_0182_B2_B11	ZM_0182_B2_B11_T7C	
15917	ZM_0182_B2_B12	ZM_0182_B2_B12_T7C	
15918	ZM_0182_B2_C01	ZM_0182_B2_C01_T7C	
15919	ZM_0182_B2_C02	ZM_0182_B2_C02_T7C	
15920	ZM_0182_B2_C03	ZM_0182_B2_C03_T7C	
15921	ZM_0182_B2_C04	ZM_0182_B2_C04_T7C	
15922	ZM_0182_B2_C05	ZM_0182_B2_C05_T7C	
15923	ZM_0182_B2_C06	ZM_0182_B2_C06_T7C	
15924	ZM_0182_B2_C07	ZM_0182_B2_C07_T7C	
15925	ZM_0182_B2_C09	ZM_0182_B2_C09_T7C	
15926	ZM_0182_B2_C10	ZM_0182_B2_C10_T7C	
15927	ZM_0182_B2_C11	ZM_0182_B2_C11_T7C	
15928	ZM_0182_B2_C12	ZM_0182_B2_C12_T7C	
15929	ZM_0182_B2_D01	ZM_0182_B2_D01_T7C	
15930	ZM_0182_B2_D02	ZM_0182_B2_D02_T7C	
15931	ZM_0182_B2_D03	ZM_0182_B2_D03_T7C	
15932	ZM_0182_B2_D04	ZM_0182_B2_D04_T7C	
15933	ZM_0182_B2_D05	ZM_0182_B2_D05_T7C	
15934	ZM_0182_B2_D06	ZM_0182_B2_D06_T7C	
15935	ZM_0182_B2_D07	ZM_0182_B2_D07_T7C	
15936	ZM_0182_B2_D08	ZM_0182_B2_D08_T7C	
15937	ZM_0182_B2_D09	ZM_0182_B2_D09_T7C	
15938	ZM_0182_B2_D11	ZM_0182_B2_D11_T7C	
15939	ZM_0182_B2_D12	ZM_0182_B2_D12_T7C	
15940	ZM_0182_B2_E01	ZM_0182_B2_E01_T7C	
15941	ZM_0182_B2_E02	ZM_0182_B2_E02_T7C	
15942	ZM_0182_B2_E03	ZM_0182_B2_E03_T7C	
15943	ZM_0182_B2_E04	ZM_0182_B2_E04_T7C	
15944	ZM_0182_B2_E06	ZM_0182_B2_E06_T7C	
15945	ZM_0182_B2_E08	ZM_0182_B2_E08_T7C	
15946	ZM_0182_B2_E09	ZM_0182_B2_E09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
15947	ZM_0182_B2_E10	ZM_0182_B2_E10_T7C	
15948	ZM_0182_B2_E11	ZM_0182_B2_E11_T7C	
15949	ZM_0182_B2_E12	ZM_0182_B2_E12_T7C	
15950	ZM_0182_B2_F01	ZM_0182_B2_F01_T7C	
15951	ZM_0182_B2_F02	ZM_0182_B2_F02_T7C	
15952	ZM_0182_B2_F03	ZM_0182_B2_F03_T7C	
15953	ZM_0182_B2_F05	ZM_0182_B2_F05_T7C	
15954	ZM_0182_B2_F06	ZM_0182_B2_F06_T7C	
15955	ZM_0182_B2_F08	ZM_0182_B2_F08_T7C	
15956	ZM_0182_B2_F10	ZM_0182_B2_F10_T7C	
15957	ZM_0182_B2_F11	ZM_0182_B2_F11_T7C	
15958	ZM_0182_B2_F12	ZM_0182_B2_F12_T7C	
15959	ZM_0182_B2_G01	ZM_0182_B2_G01_T7C	
15960	ZM_0182_B2_G02	ZM_0182_B2_G02_T7C	
15961	ZM_0182_B2_G03	ZM_0182_B2_G03_T7C	
15962	ZM_0182_B2_G05	ZM_0182_B2_G05_T7C	
15963	ZM_0182_B2_G06	ZM_0182_B2_G06_T7C	
15964	ZM_0182_B2_G07	ZM_0182_B2_G07_T7C	
15965	ZM_0182_B2_G08	ZM_0182_B2_G08_T7C	
15966	ZM_0182_B2_G09	ZM_0182_B2_G09_T7C	
15967	ZM_0182_B2_G10	ZM_0182_B2_G10_T7C	
15968	ZM_0182_B2_G11	ZM_0182_B2_G11_T7C	
15969	ZM_0182_B2_G12	ZM_0182_B2_G12_T7C	
15970	ZM_0182_B2_H01	ZM_0182_B2_H01_T7C	
15971	ZM_0182_B2_H02	ZM_0182_B2_H02_T7C	
15972	ZM_0182_B2_H03	ZM_0182_B2_H03_T7C	
15973	ZM_0182_B2_H04	ZM_0182_B2_H04_T7C	
15974	ZM_0182_B2_H05	ZM_0182_B2_H05_T7C	
15975	ZM_0182_B2_H06	ZM_0182_B2_H06_T7C	
15976	ZM_0182_B2_H07	ZM_0182_B2_H07_T7C	
15977	ZM_0182_B2_H08	ZM_0182_B2_H08_T7C	
15978	ZM_0182_B2_H10	ZM_0182_B2_H10_T7C	
15979	ZM_0182_B2_H11	ZM_0182_B2_H11_T7C	
15980	ZM_0182_B2_H12	ZM_0182_B2_H12_T7C	
15981	ZM_0183_A1_A01	ZM_0183_A1_A01_T7C	
15982	ZM_0183_A1_A02	ZM_0183_A1_A02_T7C	
15983	ZM_0183_A1_A03	ZM_0183_A1_A03_T7C	
15984	ZM_0183_A1_A04	ZM_0183_A1_A04_T7C	
15985	ZM_0183_A1_A05	ZM_0183_A1_A05_T7C	
15986	ZM_0183_A1_A06	ZM_0183_A1_A06_T7C	
15987	ZM_0183_A1_A07	ZM_0183_A1_A07_T7C	
15988	ZM_0183_A1_A08	ZM_0183_A1_A08_T7C	
15989	ZM_0183_A1_A11	ZM_0183_A1_A11_T7C	
15990	ZM_0183_A1_B01	ZM_0183_A1_B01_T7C	
15991	ZM_0183_A1_B02	ZM_0183_A1_B02_T7C	
15992	ZM_0183_A1_B03	ZM_0183_A1_B03_T7C	
15993	ZM_0183_A1_B04	ZM_0183_A1_B04_T7C	
15994	ZM_0183_A1_B05	ZM_0183_A1_B05_T7C	
15995	ZM_0183_A1_B06	ZM_0183_A1_B06_T7C	
15996	ZM_0183_A1_B07	ZM_0183_A1_B07_T7C	
15997	ZM_0183_A1_B08	ZM_0183_A1_B08_T7C	
15998	ZM_0183_A1_B09	ZM_0183_A1_B09_T7C	
15999	ZM_0183_A1_B10	ZM_0183_A1_B10_T7C	
16000	ZM_0183_A1_B11	ZM_0183_A1_B11_T7C	
16001	ZM_0183_A1_B12	ZM_0183_A1_B12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16002	ZM_0183_A1_C01	ZM_0183_A1_C01_T7C	
16003	ZM_0183_A1_C03	ZM_0183_A1_C03_T7C	
16004	ZM_0183_A1_C04	ZM_0183_A1_C04_T7C	
16005	ZM_0183_A1_C05	ZM_0183_A1_C05_T7C	
16006	ZM_0183_A1_C06	ZM_0183_A1_C06_T7C	
16007	ZM_0183_A1_C07	ZM_0183_A1_C07_T7C	
16008	ZM_0183_A1_C08	ZM_0183_A1_C08_T7C	
16009	ZM_0183_A1_C10	ZM_0183_A1_C10_T7C	
16010	ZM_0183_A1_C11	ZM_0183_A1_C11_T7C	
16011	ZM_0183_A1_D01	ZM_0183_A1_D01_T7C	
16012	ZM_0183_A1_D02	ZM_0183_A1_D02_T7C	
16013	ZM_0183_A1_D03	ZM_0183_A1_D03_T7C	
16014	ZM_0183_A1_D04	ZM_0183_A1_D04_T7C	
16015	ZM_0183_A1_D05	ZM_0183_A1_D05_T7C	
16016	ZM_0183_A1_D06	ZM_0183_A1_D06_T7C	
16017	ZM_0183_A1_D08	ZM_0183_A1_D08_T7C	
16018	ZM_0183_A1_D09	ZM_0183_A1_D09_T7C	
16019	ZM_0183_A1_D11	ZM_0183_A1_D11_T7C	
16020	ZM_0183_A1_D12	ZM_0183_A1_D12_T7C	
16021	ZM_0183_A1_E01	ZM_0183_A1_E01_T7C	
16022	ZM_0183_A1_E02	ZM_0183_A1_E02_T7C	
16023	ZM_0183_A1_E03	ZM_0183_A1_E03_T7C	
16024	ZM_0183_A1_E04	ZM_0183_A1_E04_T7C	
16025	ZM_0183_A1_E06	ZM_0183_A1_E06_T7C	
16026	ZM_0183_A1_E07	ZM_0183_A1_E07_T7C	
16027	ZM_0183_A1_E08	ZM_0183_A1_E08_T7C	
16028	ZM_0183_A1_E09	ZM_0183_A1_E09_T7C	
16029	ZM_0183_A1_E10	ZM_0183_A1_E10_T7C	
16030	ZM_0183_A1_E11	ZM_0183_A1_E11_T7C	
16031	ZM_0183_A1_E12	ZM_0183_A1_E12_T7C	
16032	ZM_0183_A1_F01	ZM_0183_A1_F01_T7C	
16033	ZM_0183_A1_F02	ZM_0183_A1_F02_T7C	
16034	ZM_0183_A1_F03	ZM_0183_A1_F03_T7C	
16035	ZM_0183_A1_F05	ZM_0183_A1_F05_T7C	
16036	ZM_0183_A1_F06	ZM_0183_A1_F06_T7C	
16037	ZM_0183_A1_F07	ZM_0183_A1_F07_T7C	
16038	ZM_0183_A1_F08	ZM_0183_A1_F08_T7C	
16039	ZM_0183_A1_F09	ZM_0183_A1_F09_T7C	
16040	ZM_0183_A1_F10	ZM_0183_A1_F10_T7C	
16041	ZM_0183_A1_F11	ZM_0183_A1_F11_T7C	
16042	ZM_0183_A1_F12	ZM_0183_A1_F12_T7C	
16043	ZM_0183_A1_G01	ZM_0183_A1_G01_T7C	
16044	ZM_0183_A1_G02	ZM_0183_A1_G02_T7C	
16045	ZM_0183_A1_G03	ZM_0183_A1_G03_T7C	
16046	ZM_0183_A1_G04	ZM_0183_A1_G04_T7C	
16047	ZM_0183_A1_G05	ZM_0183_A1_G05_T7C	
16048	ZM_0183_A1_G08	ZM_0183_A1_G08_T7C	
16049	ZM_0183_A1_G10	ZM_0183_A1_G10_T7C	
16050	ZM_0183_A1_G11	ZM_0183_A1_G11_T7C	
16051	ZM_0183_A1_G12	ZM_0183_A1_G12_T7C	
16052	ZM_0183_A1_H03	ZM_0183_A1_H03_T7C	
16053	ZM_0183_A1_H04	ZM_0183_A1_H04_T7C	
16054	ZM_0183_A1_H08	ZM_0183_A1_H08_T7C	
16055	ZM_0183_A1_H11	ZM_0183_A1_H11_T7C	
16056	ZM_0183_A1_H12	ZM_0183_A1_H12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16057	ZM_0183_B1_A02	ZM_0183_B1_A02_T7C	
16058	ZM_0183_B1_A03	ZM_0183_B1_A03_T7C	
16059	ZM_0183_B1_A04	ZM_0183_B1_A04_T7C	
16060	ZM_0183_B1_A05	ZM_0183_B1_A05_T7C	
16061	ZM_0183_B1_A06	ZM_0183_B1_A06_T7C	
16062	ZM_0183_B1_A08	ZM_0183_B1_A08_T7C	
16063	ZM_0183_B1_A09	ZM_0183_B1_A09_T7C	
16064	ZM_0183_B1_A10	ZM_0183_B1_A10_T7C	
16065	ZM_0183_B1_A11	ZM_0183_B1_A11_T7C	
16066	ZM_0183_B1_A12	ZM_0183_B1_A12_T7C	
16067	ZM_0183_B1_B01	ZM_0183_B1_B01_T7C	
16068	ZM_0183_B1_B02	ZM_0183_B1_B02_T7C	
16069	ZM_0183_B1_B03	ZM_0183_B1_B03_T7C	
16070	ZM_0183_B1_B04	ZM_0183_B1_B04_T7C	
16071	ZM_0183_B1_B06	ZM_0183_B1_B06_T7C	
16072	ZM_0183_B1_B07	ZM_0183_B1_B07_T7C	
16073	ZM_0183_B1_B08	ZM_0183_B1_B08_T7C	
16074	ZM_0183_B1_B09	ZM_0183_B1_B09_T7C	
16075	ZM_0183_B1_B10	ZM_0183_B1_B10_T7C	
16076	ZM_0183_B1_B11	ZM_0183_B1_B11_T7C	
16077	ZM_0183_B1_B12	ZM_0183_B1_B12_T7C	
16078	ZM_0183_B1_C01	ZM_0183_B1_C01_T7C	
16079	ZM_0183_B1_C02	ZM_0183_B1_C02_T7C	
16080	ZM_0183_B1_C04	ZM_0183_B1_C04_T7C	
16081	ZM_0183_B1_C05	ZM_0183_B1_C05_T7C	
16082	ZM_0183_B1_C06	ZM_0183_B1_C06_T7C	
16083	ZM_0183_B1_C07	ZM_0183_B1_C07_T7C	
16084	ZM_0183_B1_C08	ZM_0183_B1_C08_T7C	
16085	ZM_0183_B1_C09	ZM_0183_B1_C09_T7C	
16086	ZM_0183_B1_C10	ZM_0183_B1_C10_T7C	
16087	ZM_0183_B1_C11	ZM_0183_B1_C11_T7C	
16088	ZM_0183_B1_C12	ZM_0183_B1_C12_T7C	
16089	ZM_0183_B1_D02	ZM_0183_B1_D02_T7C	
16090	ZM_0183_B1_D03	ZM_0183_B1_D03_T7C	
16091	ZM_0183_B1_D04	ZM_0183_B1_D04_T7C	
16092	ZM_0183_B1_D05	ZM_0183_B1_D05_T7C	
16093	ZM_0183_B1_D06	ZM_0183_B1_D06_T7C	
16094	ZM_0183_B1_D07	ZM_0183_B1_D07_T7C	
16095	ZM_0183_B1_D08	ZM_0183_B1_D08_T7C	
16096	ZM_0183_B1_D09	ZM_0183_B1_D09_T7C	
16097	ZM_0183_B1_D10	ZM_0183_B1_D10_T7C	
16098	ZM_0183_B1_D11	ZM_0183_B1_D11_T7C	
16099	ZM_0183_B1_D12	ZM_0183_B1_D12_T7C	
16100	ZM_0183_B1_E01	ZM_0183_B1_E01_T7C	
16101	ZM_0183_B1_E02	ZM_0183_B1_E02_T7C	
16102	ZM_0183_B1_E03	ZM_0183_B1_E03_T7C	
16103	ZM_0183_B1_E04	ZM_0183_B1_E04_T7C	
16104	ZM_0183_B1_E05	ZM_0183_B1_E05_T7C	
16105	ZM_0183_B1_E06	ZM_0183_B1_E06_T7C	
16106	ZM_0183_B1_E08	ZM_0183_B1_E08_T7C	
16107	ZM_0183_B1_E09	ZM_0183_B1_E09_T7C	
16108	ZM_0183_B1_E10	ZM_0183_B1_E10_T7C	
16109	ZM_0183_B1_E11	ZM_0183_B1_E11_T7C	
16110	ZM_0183_B1_E12	ZM_0183_B1_E12_T7C	
16111	ZM_0183_B1_F01	ZM_0183_B1_F01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16112	ZM_0183_B1_F02	ZM_0183_B1_F02_T7C	
16113	ZM_0183_B1_F03	ZM_0183_B1_F03_T7C	
16114	ZM_0183_B1_F05	ZM_0183_B1_F05_T7C	
16115	ZM_0183_B1_F06	ZM_0183_B1_F06_T7C	
16116	ZM_0183_B1_F07	ZM_0183_B1_F07_T7C	
16117	ZM_0183_B1_F08	ZM_0183_B1_F08_T7C	
16118	ZM_0183_B1_F09	ZM_0183_B1_F09_T7C	
16119	ZM_0183_B1_F10	ZM_0183_B1_F10_T7C	
16120	ZM_0183_B1_F11	ZM_0183_B1_F11_T7C	
16121	ZM_0183_B1_F12	ZM_0183_B1_F12_T7C	
16122	ZM_0183_B1_G01	ZM_0183_B1_G01_T7C	
16123	ZM_0183_B1_G02	ZM_0183_B1_G02_T7C	
16124	ZM_0183_B1_G03	ZM_0183_B1_G03_T7C	
16125	ZM_0183_B1_G04	ZM_0183_B1_G04_T7C	
16126	ZM_0183_B1_G05	ZM_0183_B1_G05_T7C	
16127	ZM_0183_B1_G06	ZM_0183_B1_G06_T7C	
16128	ZM_0183_B1_G07	ZM_0183_B1_G07_T7C	
16129	ZM_0183_B1_G09	ZM_0183_B1_G09_T7C	
16130	ZM_0183_B1_G10	ZM_0183_B1_G10_T7C	
16131	ZM_0183_B1_G11	ZM_0183_B1_G11_T7C	
16132	ZM_0183_B1_G12	ZM_0183_B1_G12_T7C	
16133	ZM_0183_B1_H02	ZM_0183_B1_H02_T7C	
16134	ZM_0183_B1_H03	ZM_0183_B1_H03_T7C	
16135	ZM_0183_B1_H04	ZM_0183_B1_H04_T7C	
16136	ZM_0183_B1_H05	ZM_0183_B1_H05_T7C	
16137	ZM_0183_B1_H06	ZM_0183_B1_H06_T7C	
16138	ZM_0183_B1_H07	ZM_0183_B1_H07_T7C	
16139	ZM_0183_B1_H08	ZM_0183_B1_H08_T7C	
16140	ZM_0183_B1_H09	ZM_0183_B1_H09_T7C	
16141	ZM_0183_B1_H10	ZM_0183_B1_H10_T7C	
16142	ZM_0183_B1_H11	ZM_0183_B1_H11_T7C	
16143	ZM_0183_B1_H12	ZM_0183_B1_H12_T7C	
16144	ZM_0183_B2_A01	ZM_0183_B2_A01_T7C	
16145	ZM_0183_B2_A02	ZM_0183_B2_A02_T7C	
16146	ZM_0183_B2_A03	ZM_0183_B2_A03_T7C	ZM_0183_B2_A05
	ZM_0183_B2_A05_T7C		
16148	ZM_0183_B2_A06	ZM_0183_B2_A06_T7C	
16149	ZM_0183_B2_A07	ZM_0183_B2_A07_T7C	
16150	ZM_0183_B2_A08	ZM_0183_B2_A08_T7C	
16151	ZM_0183_B2_A09	ZM_0183_B2_A09_T7C	
16152	ZM_0183_B2_A10	ZM_0183_B2_A10_T7C	
16153	ZM_0183_B2_A12	ZM_0183_B2_A12_T7C	
16154	ZM_0183_B2_B02	ZM_0183_B2_B02_T7C	
16155	ZM_0183_B2_B03	ZM_0183_B2_B03_T7C	
16156	ZM_0183_B2_B04	ZM_0183_B2_B04_T7C	
16157	ZM_0183_B2_B05	ZM_0183_B2_B05_T7C	
16158	ZM_0183_B2_B06	ZM_0183_B2_B06_T7C	
16159	ZM_0183_B2_B07	ZM_0183_B2_B07_T7C	
16160	ZM_0183_B2_B08	ZM_0183_B2_B08_T7C	
16161	ZM_0183_B2_B09	ZM_0183_B2_B09_T7C	
16162	ZM_0183_B2_B11	ZM_0183_B2_B11_T7C	
16163	ZM_0183_B2_B12	ZM_0183_B2_B12_T7C	
16164	ZM_0183_B2_C01	ZM_0183_B2_C01_T7C	
16165	ZM_0183_B2_C02	ZM_0183_B2_C02_T7C	
16166	ZM_0183_B2_C03	ZM_0183_B2_C03_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16167	ZM_0183_B2_C05	ZM_0183_B2_C05_T7C	
16168	ZM_0183_B2_C06	ZM_0183_B2_C06_T7C	
16169	ZM_0183_B2_C07	ZM_0183_B2_C07_T7C	
16170	ZM_0183_B2_C08	ZM_0183_B2_C08_T7C	
16171	ZM_0183_B2_C09	ZM_0183_B2_C09_T7C	
16172	ZM_0183_B2_C10	ZM_0183_B2_C10_T7C	
16173	ZM_0183_B2_C12	ZM_0183_B2_C12_T7C	
16174	ZM_0183_B2_D01	ZM_0183_B2_D01_T7C	
16175	ZM_0183_B2_D02	ZM_0183_B2_D02_T7C	
16176	ZM_0183_B2_D03	ZM_0183_B2_D03_T7C	
16177	ZM_0183_B2_D04	ZM_0183_B2_D04_T7C	
16178	ZM_0183_B2_D05	ZM_0183_B2_D05_T7C	
16179	ZM_0183_B2_D06	ZM_0183_B2_D06_T7C	
16180	ZM_0183_B2_D07	ZM_0183_B2_D07_T7C	
16181	ZM_0183_B2_D08	ZM_0183_B2_D08_T7C	
16182	ZM_0183_B2_D09	ZM_0183_B2_D09_T7C	
16183	ZM_0183_B2_D10	ZM_0183_B2_D10_T7C	
16184	ZM_0183_B2_D11	ZM_0183_B2_D11_T7C	
16185	ZM_0183_B2_D12	ZM_0183_B2_D12_T7C	
16186	ZM_0183_B2_E01	ZM_0183_B2_E01_T7C	
16187	ZM_0183_B2_E02	ZM_0183_B2_E02_T7C	
16188	ZM_0183_B2_E03	ZM_0183_B2_E03_T7C	
16189	ZM_0183_B2_E04	ZM_0183_B2_E04_T7C	
16190	ZM_0183_B2_E05	ZM_0183_B2_E05_T7C	
16191	ZM_0183_B2_E07	ZM_0183_B2_E07_T7C	
16192	ZM_0183_B2_E08	ZM_0183_B2_E08_T7C	
16193	ZM_0183_B2_E09	ZM_0183_B2_E09_T7C	
16194	ZM_0183_B2_E11	ZM_0183_B2_E11_T7C	
16195	ZM_0183_B2_E12	ZM_0183_B2_E12_T7C	
16196	ZM_0183_B2_F01	ZM_0183_B2_F01_T7C	
16197	ZM_0183_B2_F02	ZM_0183_B2_F02_T7C	
16198	ZM_0183_B2_F03	ZM_0183_B2_F03_T7C	
16199	ZM_0183_B2_F04	ZM_0183_B2_F04_T7C	
16200	ZM_0183_B2_F05	ZM_0183_B2_F05_T7C	
16201	ZM_0183_B2_F06	ZM_0183_B2_F06_T7C	
16202	ZM_0183_B2_F07	ZM_0183_B2_F07_T7C	
16203	ZM_0183_B2_F08	ZM_0183_B2_F08_T7C	
16204	ZM_0183_B2_F09	ZM_0183_B2_F09_T7C	
16205	ZM_0183_B2_F10	ZM_0183_B2_F10_T7C	
16206	ZM_0183_B2_F11	ZM_0183_B2_F11_T7C	
16207	ZM_0183_B2_G01	ZM_0183_B2_G01_T7C	
16208	ZM_0183_B2_G03	ZM_0183_B2_G03_T7C	
16209	ZM_0183_B2_G04	ZM_0183_B2_G04_T7C	
16210	ZM_0183_B2_G05	ZM_0183_B2_G05_T7C	
16211	ZM_0183_B2_G06	ZM_0183_B2_G06_T7C	
16212	ZM_0183_B2_G08	ZM_0183_B2_G08_T7C	
16213	ZM_0183_B2_G09	ZM_0183_B2_G09_T7C	
16214	ZM_0183_B2_G10	ZM_0183_B2_G10_T7C	
16215	ZM_0183_B2_G11	ZM_0183_B2_G11_T7C	
16216	ZM_0183_B2_G12	ZM_0183_B2_G12_T7C	
16217	ZM_0183_B2_H01	ZM_0183_B2_H01_T7C	
16218	ZM_0183_B2_H02	ZM_0183_B2_H02_T7C	
16219	ZM_0183_B2_H03	ZM_0183_B2_H03_T7C	
16220	ZM_0183_B2_H04	ZM_0183_B2_H04_T7C	
16221	ZM_0183_B2_H05	ZM_0183_B2_H05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16222	ZM_0183_B2_H07	ZM_0183_B2_H07_T7C	
16223	ZM_0183_B2_H08	ZM_0183_B2_H08_T7C	
16224	ZM_0183_B2_H11	ZM_0183_B2_H11_T7C	
16225	ZM_0183_B2_H12	ZM_0183_B2_H12_T7C	
16226	ZM_0184_A1_A02	ZM_0184_A1_A02_T7C	
16227	ZM_0184_A1_A03	ZM_0184_A1_A03_T7C	
16228	ZM_0184_A1_A04	ZM_0184_A1_A04_T7C	
16229	ZM_0184_A1_A05	ZM_0184_A1_A05_T7C	
16230	ZM_0184_A1_A06	ZM_0184_A1_A06_T7C	
16231	ZM_0184_A1_A08	ZM_0184_A1_A08_T7C	
16232	ZM_0184_A1_A09	ZM_0184_A1_A09_T7C	
16233	ZM_0184_A1_A10	ZM_0184_A1_A10_T7C	
16234	ZM_0184_A1_A11	ZM_0184_A1_A11_T7C	
16235	ZM_0184_A1_A12	ZM_0184_A1_A12_T7C	
16236	ZM_0184_A1_B01	ZM_0184_A1_B01_T7C	
16237	ZM_0184_A1_B02	ZM_0184_A1_B02_T7C	
16238	ZM_0184_A1_B03	ZM_0184_A1_B03_T7C	
16239	ZM_0184_A1_B04	ZM_0184_A1_B04_T7C	
16240	ZM_0184_A1_B05	ZM_0184_A1_B05_T7C	
16241	ZM_0184_A1_B06	ZM_0184_A1_B06_T7C	
16242	ZM_0184_A1_B07	ZM_0184_A1_B07_T7C	
16243	ZM_0184_A1_B08	ZM_0184_A1_B08_T7C	
16244	ZM_0184_A1_B09	ZM_0184_A1_B09_T7C	
16245	ZM_0184_A1_B10	ZM_0184_A1_B10_T7C	
16246	ZM_0184_A1_B11	ZM_0184_A1_B11_T7C	
16247	ZM_0184_A1_B12	ZM_0184_A1_B12_T7C	
16248	ZM_0184_A1_C02	ZM_0184_A1_C02_T7C	
16249	ZM_0184_A1_C03	ZM_0184_A1_C03_T7C	
16250	ZM_0184_A1_C04	ZM_0184_A1_C04_T7C	
16251	ZM_0184_A1_C05	ZM_0184_A1_C05_T7C	
16252	ZM_0184_A1_C06	ZM_0184_A1_C06_T7C	
16253	ZM_0184_A1_C07	ZM_0184_A1_C07_T7C	
16254	ZM_0184_A1_C08	ZM_0184_A1_C08_T7C	
16255	ZM_0184_A1_C09	ZM_0184_A1_C09_T7C	
16256	ZM_0184_A1_C10	ZM_0184_A1_C10_T7C	
16257	ZM_0184_A1_C11	ZM_0184_A1_C11_T7C	
16258	ZM_0184_A1_D01	ZM_0184_A1_D01_T7C	
16259	ZM_0184_A1_D02	ZM_0184_A1_D02_T7C	
16260	ZM_0184_A1_D03	ZM_0184_A1_D03_T7C	
16261	ZM_0184_A1_D04	ZM_0184_A1_D04_T7C	
16262	ZM_0184_A1_D07	ZM_0184_A1_D07_T7C	
16263	ZM_0184_A1_D08	ZM_0184_A1_D08_T7C	
16264	ZM_0184_A1_D09	ZM_0184_A1_D09_T7C	
16265	ZM_0184_A1_D10	ZM_0184_A1_D10_T7C	
16266	ZM_0184_A1_D11	ZM_0184_A1_D11_T7C	
16267	ZM_0184_A1_D12	ZM_0184_A1_D12_T7C	
16268	ZM_0184_A1_E02	ZM_0184_A1_E02_T7C	
16269	ZM_0184_A1_E03	ZM_0184_A1_E03_T7C	
16270	ZM_0184_A1_E04	ZM_0184_A1_E04_T7C	
16271	ZM_0184_A1_E06	ZM_0184_A1_E06_T7C	
16272	ZM_0184_A1_E07	ZM_0184_A1_E07_T7C	
16273	ZM_0184_A1_E08	ZM_0184_A1_E08_T7C	
16274	ZM_0184_A1_E09	ZM_0184_A1_E09_T7C	
16275	ZM_0184_A1_E10	ZM_0184_A1_E10_T7C	
16276	ZM_0184_A1_E11	ZM_0184_A1_E11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16277	ZM_0184_A1_E12	ZM_0184_A1_E12_T7C	
16278	ZM_0184_A1_F01	ZM_0184_A1_F01_T7C	
16279	ZM_0184_A1_F02	ZM_0184_A1_F02_T7C	
16280	ZM_0184_A1_F04	ZM_0184_A1_F04_T7C	
16281	ZM_0184_A1_F05	ZM_0184_A1_F05_T7C	
16282	ZM_0184_A1_F06	ZM_0184_A1_F06_T7C	
16283	ZM_0184_A1_F07	ZM_0184_A1_F07_T7C	
16284	ZM_0184_A1_F08	ZM_0184_A1_F08_T7C	
16285	ZM_0184_A1_F09	ZM_0184_A1_F09_T7C	
16286	ZM_0184_A1_F10	ZM_0184_A1_F10_T7C	
16287	ZM_0184_A1_F11	ZM_0184_A1_F11_T7C	
16288	ZM_0184_A1_F12	ZM_0184_A1_F12_T7C	
16289	ZM_0184_A1_G01	ZM_0184_A1_G01_T7C	
16290	ZM_0184_A1_G02	ZM_0184_A1_G02_T7C	
16291	ZM_0184_A1_G03	ZM_0184_A1_G03_T7C	
16292	ZM_0184_A1_G04	ZM_0184_A1_G04_T7C	
16293	ZM_0184_A1_G05	ZM_0184_A1_G05_T7C	
16294	ZM_0184_A1_G06	ZM_0184_A1_G06_T7C	
16295	ZM_0184_A1_G07	ZM_0184_A1_G07_T7C	
16296	ZM_0184_A1_G08	ZM_0184_A1_G08_T7C	
16297	ZM_0184_A1_G09	ZM_0184_A1_G09_T7C	
16298	ZM_0184_A1_G10	ZM_0184_A1_G10_T7C	
16299	ZM_0184_A1_G11	ZM_0184_A1_G11_T7C	
16300	ZM_0184_A1_G12	ZM_0184_A1_G12_T7C	
16301	ZM_0184_A1_H01	ZM_0184_A1_H01_T7C	
16302	ZM_0184_A1_H02	ZM_0184_A1_H02_T7C	
16303	ZM_0184_A1_H03	ZM_0184_A1_H03_T7C	
16304	ZM_0184_A1_H04	ZM_0184_A1_H04_T7C	
16305	ZM_0184_A1_H05	ZM_0184_A1_H05_T7C	
16306	ZM_0184_A1_H07	ZM_0184_A1_H07_T7C	
16307	ZM_0184_A1_H08	ZM_0184_A1_H08_T7C	
16308	ZM_0184_A1_H09	ZM_0184_A1_H09_T7C	
16309	ZM_0184_A1_H10	ZM_0184_A1_H10_T7C	
16310	ZM_0184_A1_H11	ZM_0184_A1_H11_T7C	
16311	ZM_0184_A1_H12	ZM_0184_A1_H12_T7C	
16312	ZM_0184_A2_A01	ZM_0184_A2_A01_T7C	
16313	ZM_0184_A2_A02	ZM_0184_A2_A02_T7C	
16314	ZM_0184_A2_A04	ZM_0184_A2_A04_T7C	
16315	ZM_0184_A2_A05	ZM_0184_A2_A05_T7C	
16316	ZM_0184_A2_A06	ZM_0184_A2_A06_T7C	
16317	ZM_0184_A2_A07	ZM_0184_A2_A07_T7C	
16318	ZM_0184_A2_A08	ZM_0184_A2_A08_T7C	
16319	ZM_0184_A2_A09	ZM_0184_A2_A09_T7C	
16320	ZM_0184_A2_A10	ZM_0184_A2_A10_T7C	
16321	ZM_0184_A2_A11	ZM_0184_A2_A11_T7C	
16322	ZM_0184_A2_A12	ZM_0184_A2_A12_T7C	
16323	ZM_0184_A2_B01	ZM_0184_A2_B01_T7C	
16324	ZM_0184_A2_B02	ZM_0184_A2_B02_T7C	
16325	ZM_0184_A2_B03	ZM_0184_A2_B03_T7C	
16326	ZM_0184_A2_B04	ZM_0184_A2_B04_T7C	
16327	ZM_0184_A2_B05	ZM_0184_A2_B05_T7C	
16328	ZM_0184_A2_B06	ZM_0184_A2_B06_T7C	
16329	ZM_0184_A2_B07	ZM_0184_A2_B07_T7C	
16330	ZM_0184_A2_B08	ZM_0184_A2_B08_T7C	
16331	ZM_0184_A2_B09	ZM_0184_A2_B09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16332	ZM_0184_A2_B10	ZM_0184_A2_B10_T7C	
16333	ZM_0184_A2_B11	ZM_0184_A2_B11_T7C	
16334	ZM_0184_A2_B12	ZM_0184_A2_B12_T7C	
16335	ZM_0184_A2_C01	ZM_0184_A2_C01_T7C	
16336	ZM_0184_A2_C02	ZM_0184_A2_C02_T7C	
16337	ZM_0184_A2_C03	ZM_0184_A2_C03_T7C	
16338	ZM_0184_A2_C04	ZM_0184_A2_C04_T7C	
16339	ZM_0184_A2_C07	ZM_0184_A2_C07_T7C	
16340	ZM_0184_A2_C08	ZM_0184_A2_C08_T7C	
16341	ZM_0184_A2_C09	ZM_0184_A2_C09_T7C	
16342	ZM_0184_A2_C10	ZM_0184_A2_C10_T7C	
16343	ZM_0184_A2_C11	ZM_0184_A2_C11_T7C	
16344	ZM_0184_A2_C12	ZM_0184_A2_C12_T7C	
16345	ZM_0184_A2_D01	ZM_0184_A2_D01_T7C	
16346	ZM_0184_A2_D03	ZM_0184_A2_D03_T7C	
16347	ZM_0184_A2_D04	ZM_0184_A2_D04_T7C	
16348	ZM_0184_A2_D05	ZM_0184_A2_D05_T7C	
16349	ZM_0184_A2_D06	ZM_0184_A2_D06_T7C	
16350	ZM_0184_A2_D07	ZM_0184_A2_D07_T7C	
16351	ZM_0184_A2_D08	ZM_0184_A2_D08_T7C	
16352	ZM_0184_A2_D09	ZM_0184_A2_D09_T7C	
16353	ZM_0184_A2_D11	ZM_0184_A2_D11_T7C	
16354	ZM_0184_A2_D12	ZM_0184_A2_D12_T7C	
16355	ZM_0184_A2_E02	ZM_0184_A2_E02_T7C	
16356	ZM_0184_A2_E03	ZM_0184_A2_E03_T7C	
16357	ZM_0184_A2_E05	ZM_0184_A2_E05_T7C	
16358	ZM_0184_A2_E06	ZM_0184_A2_E06_T7C	
16359	ZM_0184_A2_E07	ZM_0184_A2_E07_T7C	
16360	ZM_0184_A2_E08	ZM_0184_A2_E08_T7C	
16361	ZM_0184_A2_E09	ZM_0184_A2_E09_T7C	
16362	ZM_0184_A2_E10	ZM_0184_A2_E10_T7C	
16363	ZM_0184_A2_E11	ZM_0184_A2_E11_T7C	
16364	ZM_0184_A2_E12	ZM_0184_A2_E12_T7C	
16365	ZM_0184_A2_F01	ZM_0184_A2_F01_T7C	
16366	ZM_0184_A2_F02	ZM_0184_A2_F02_T7C	
16367	ZM_0184_A2_F03	ZM_0184_A2_F03_T7C	
16368	ZM_0184_A2_F04	ZM_0184_A2_F04_T7C	
16369	ZM_0184_A2_F05	ZM_0184_A2_F05_T7C	
16370	ZM_0184_A2_F06	ZM_0184_A2_F06_T7C	
16371	ZM_0184_A2_F07	ZM_0184_A2_F07_T7C	
16372	ZM_0184_A2_F08	ZM_0184_A2_F08_T7C	
16373	ZM_0184_A2_F09	ZM_0184_A2_F09_T7C	
16374	ZM_0184_A2_F10	ZM_0184_A2_F10_T7C	
16375	ZM_0184_A2_F11	ZM_0184_A2_F11_T7C	
16376	ZM_0184_A2_F12	ZM_0184_A2_F12_T7C	
16377	ZM_0184_A2_G01	ZM_0184_A2_G01_T7C	
16378	ZM_0184_A2_G02	ZM_0184_A2_G02_T7C	
16379	ZM_0184_A2_G03	ZM_0184_A2_G03_T7C	
16380	ZM_0184_A2_G04	ZM_0184_A2_G04_T7C	
16381	ZM_0184_A2_G05	ZM_0184_A2_G05_T7C	
16382	ZM_0184_A2_G06	ZM_0184_A2_G06_T7C	
16383	ZM_0184_A2_G07	ZM_0184_A2_G07_T7C	
16384	ZM_0184_A2_G08	ZM_0184_A2_G08_T7C	
16385	ZM_0184_A2_G09	ZM_0184_A2_G09_T7C	
16386	ZM_0184_A2_G10	ZM_0184_A2_G10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16387	ZM_0184_A2_G11	ZM_0184_A2_G11_T7C	
16388	ZM_0184_A2_G12	ZM_0184_A2_G12_T7C	
16389	ZM_0184_A2_H01	ZM_0184_A2_H01_T7C	
16390	ZM_0184_A2_H03	ZM_0184_A2_H03_T7C	
16391	ZM_0184_A2_H04	ZM_0184_A2_H04_T7C	
16392	ZM_0184_A2_H05	ZM_0184_A2_H05_T7C	
16393	ZM_0184_A2_H06	ZM_0184_A2_H06_T7C	
16394	ZM_0184_A2_H07	ZM_0184_A2_H07_T7C	
16395	ZM_0184_A2_H08	ZM_0184_A2_H08_T7C	
16396	ZM_0184_A2_H09	ZM_0184_A2_H09_T7C	
16397	ZM_0184_A2_H10	ZM_0184_A2_H10_T7C	
16398	ZM_0184_A2_H11	ZM_0184_A2_H11_T7C	
16399	ZM_0184_A2_H12	ZM_0184_A2_H12_T7C	
16400	ZM_0184_B1_A01	ZM_0184_B1_A01_T7C	
16401	ZM_0184_B1_A02	ZM_0184_B1_A02_T7C	
16402	ZM_0184_B1_A04	ZM_0184_B1_A04_T7C	
16403	ZM_0184_B1_A05	ZM_0184_B1_A05_T7C	
16404	ZM_0184_B1_A06	ZM_0184_B1_A06_T7C	
16405	ZM_0184_B1_A07	ZM_0184_B1_A07_T7C	
16406	ZM_0184_B1_A09	ZM_0184_B1_A09_T7C	
16407	ZM_0184_B1_A11	ZM_0184_B1_A11_T7C	
16408	ZM_0184_B1_A12	ZM_0184_B1_A12_T7C	
16409	ZM_0184_B1_B01	ZM_0184_B1_B01_T7C	
16410	ZM_0184_B1_B02	ZM_0184_B1_B02_T7C	
16411	ZM_0184_B1_B03	ZM_0184_B1_B03_T7C	
16412	ZM_0184_B1_B06	ZM_0184_B1_B06_T7C	
16413	ZM_0184_B1_B07	ZM_0184_B1_B07_T7C	
16414	ZM_0184_B1_B08	ZM_0184_B1_B08_T7C	
16415	ZM_0184_B1_B09	ZM_0184_B1_B09_T7C	
16416	ZM_0184_B1_B10	ZM_0184_B1_B10_T7C	
16417	ZM_0184_B1_B11	ZM_0184_B1_B11_T7C	
16418	ZM_0184_B1_C01	ZM_0184_B1_C01_T7C	
16419	ZM_0184_B1_C03	ZM_0184_B1_C03_T7C	
16420	ZM_0184_B1_C04	ZM_0184_B1_C04_T7C	
16421	ZM_0184_B1_C05	ZM_0184_B1_C05_T7C	
16422	ZM_0184_B1_C06	ZM_0184_B1_C06_T7C	
16423	ZM_0184_B1_C07	ZM_0184_B1_C07_T7C	
16424	ZM_0184_B1_C08	ZM_0184_B1_C08_T7C	
16425	ZM_0184_B1_C10	ZM_0184_B1_C10_T7C	
16426	ZM_0184_B1_C12	ZM_0184_B1_C12_T7C	
16427	ZM_0184_B1_D01	ZM_0184_B1_D01_T7C	
16428	ZM_0184_B1_D02	ZM_0184_B1_D02_T7C	
16429	ZM_0184_B1_D03	ZM_0184_B1_D03_T7C	
16430	ZM_0184_B1_D04	ZM_0184_B1_D04_T7C	
16431	ZM_0184_B1_D05	ZM_0184_B1_D05_T7C	
16432	ZM_0184_B1_D09	ZM_0184_B1_D09_T7C	
16433	ZM_0184_B1_D12	ZM_0184_B1_D12_T7C	
16434	ZM_0184_B1_E01	ZM_0184_B1_E01_T7C	
16435	ZM_0184_B1_E04	ZM_0184_B1_E04_T7C	
16436	ZM_0184_B1_E05	ZM_0184_B1_E05_T7C	
16437	ZM_0184_B1_E06	ZM_0184_B1_E06_T7C	
16438	ZM_0184_B1_E08	ZM_0184_B1_E08_T7C	
16439	ZM_0184_B1_E10	ZM_0184_B1_E10_T7C	
16440	ZM_0184_B1_E12	ZM_0184_B1_E12_T7C	
16441	ZM_0184_B1_F01	ZM_0184_B1_F01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16442	ZM_0184_B1_F02	ZM_0184_B1_F02_T7C	
16443	ZM_0184_B1_F03	ZM_0184_B1_F03_T7C	
16444	ZM_0184_B1_F05	ZM_0184_B1_F05_T7C	
16445	ZM_0184_B1_F06	ZM_0184_B1_F06_T7C	
16446	ZM_0184_B1_F07	ZM_0184_B1_F07_T7C	
16447	ZM_0184_B1_F08	ZM_0184_B1_F08_T7C	
16448	ZM_0184_B1_F09	ZM_0184_B1_F09_T7C	
16449	ZM_0184_B1_F10	ZM_0184_B1_F10_T7C	
16450	ZM_0184_B1_F12	ZM_0184_B1_F12_T7C	
16451	ZM_0184_B1_G01	ZM_0184_B1_G01_T7C	
16452	ZM_0184_B1_G02	ZM_0184_B1_G02_T7C	
16453	ZM_0184_B1_G03	ZM_0184_B1_G03_T7C	
16454	ZM_0184_B1_G05	ZM_0184_B1_G05_T7C	
16455	ZM_0184_B1_G06	ZM_0184_B1_G06_T7C	
16456	ZM_0184_B1_G07	ZM_0184_B1_G07_T7C	
16457	ZM_0184_B1_G08	ZM_0184_B1_G08_T7C	
16458	ZM_0184_B1_G09	ZM_0184_B1_G09_T7C	
16459	ZM_0184_B1_G10	ZM_0184_B1_G10_T7C	
16460	ZM_0184_B1_G11	ZM_0184_B1_G11_T7C	
16461	ZM_0184_B1_G12	ZM_0184_B1_G12_T7C	
16462	ZM_0184_B1_H01	ZM_0184_B1_H01_T7C	
16463	ZM_0184_B1_H02	ZM_0184_B1_H02_T7C	
16464	ZM_0184_B1_H03	ZM_0184_B1_H03_T7C	
16465	ZM_0184_B1_H06	ZM_0184_B1_H06_T7C	
16466	ZM_0184_B1_H07	ZM_0184_B1_H07_T7C	
16467	ZM_0184_B1_H10	ZM_0184_B1_H10_T7C	
16468	ZM_0184_B1_H11	ZM_0184_B1_H11_T7C	
16469	ZM_0184_B1_H12	ZM_0184_B1_H12_T7C	
16470	ZM_0185_A1_A01	ZM_0185_A1_A01_T7C	
16471	ZM_0185_A1_A02	ZM_0185_A1_A02_T7C	
16472	ZM_0185_A1_A03	ZM_0185_A1_A03_T7C	
16473	ZM_0185_A1_A04	ZM_0185_A1_A04_T7C	
16474	ZM_0185_A1_A05	ZM_0185_A1_A05_T7C	
16475	ZM_0185_A1_A06	ZM_0185_A1_A06_T7C	
16476	ZM_0185_A1_A07	ZM_0185_A1_A07_T7C	
16477	ZM_0185_A1_A08	ZM_0185_A1_A08_T7C	
16478	ZM_0185_A1_A09	ZM_0185_A1_A09_T7C	
16479	ZM_0185_A1_A10	ZM_0185_A1_A10_T7C	
16480	ZM_0185_A1_A11	ZM_0185_A1_A11_T7C	
16481	ZM_0185_A1_A12	ZM_0185_A1_A12_T7C	
16482	ZM_0185_A1_B02	ZM_0185_A1_B02_T7C	
16483	ZM_0185_A1_B03	ZM_0185_A1_B03_T7C	
16484	ZM_0185_A1_B05	ZM_0185_A1_B05_T7C	
16485	ZM_0185_A1_B06	ZM_0185_A1_B06_T7C	
16486	ZM_0185_A1_B07	ZM_0185_A1_B07_T7C	
16487	ZM_0185_A1_B09	ZM_0185_A1_B09_T7C	
16488	ZM_0185_A1_B10	ZM_0185_A1_B10_T7C	
16489	ZM_0185_A1_B11	ZM_0185_A1_B11_T7C	
16490	ZM_0185_A1_B12	ZM_0185_A1_B12_T7C	
16491	ZM_0185_A1_C01	ZM_0185_A1_C01_T7C	
16492	ZM_0185_A1_C02	ZM_0185_A1_C02_T7C	
16493	ZM_0185_A1_C03	ZM_0185_A1_C03_T7C	
16494	ZM_0185_A1_C04	ZM_0185_A1_C04_T7C	
16495	ZM_0185_A1_C05	ZM_0185_A1_C05_T7C	
16496	ZM_0185_A1_C06	ZM_0185_A1_C06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16497	ZM_0185_A1_C07	ZM_0185_A1_C07_T7C	
16498	ZM_0185_A1_C08	ZM_0185_A1_C08_T7C	
16499	ZM_0185_A1_C09	ZM_0185_A1_C09_T7C	
16500	ZM_0185_A1_C10	ZM_0185_A1_C10_T7C	
16501	ZM_0185_A1_C11	ZM_0185_A1_C11_T7C	
16502	ZM_0185_A1_C12	ZM_0185_A1_C12_T7C	
16503	ZM_0185_A1_D01	ZM_0185_A1_D01_T7C	
16504	ZM_0185_A1_D02	ZM_0185_A1_D02_T7C	
16505	ZM_0185_A1_D03	ZM_0185_A1_D03_T7C	
16506	ZM_0185_A1_D04	ZM_0185_A1_D04_T7C	
16507	ZM_0185_A1_D05	ZM_0185_A1_D05_T7C	
16508	ZM_0185_A1_D06	ZM_0185_A1_D06_T7C	
16509	ZM_0185_A1_D08	ZM_0185_A1_D08_T7C	
16510	ZM_0185_A1_D09	ZM_0185_A1_D09_T7C	
16511	ZM_0185_A1_D11	ZM_0185_A1_D11_T7C	
16512	ZM_0185_A1_D12	ZM_0185_A1_D12_T7C	
16513	ZM_0185_A1_E02	ZM_0185_A1_E02_T7C	
16514	ZM_0185_A1_E03	ZM_0185_A1_E03_T7C	
16515	ZM_0185_A1_E04	ZM_0185_A1_E04_T7C	
16516	ZM_0185_A1_E05	ZM_0185_A1_E05_T7C	
16517	ZM_0185_A1_E06	ZM_0185_A1_E06_T7C	
16518	ZM_0185_A1_E07	ZM_0185_A1_E07_T7C	
16519	ZM_0185_A1_E08	ZM_0185_A1_E08_T7C	
16520	ZM_0185_A1_E09	ZM_0185_A1_E09_T7C	
16521	ZM_0185_A1_E10	ZM_0185_A1_E10_T7C	
16522	ZM_0185_A1_E11	ZM_0185_A1_E11_T7C	
16523	ZM_0185_A1_F01	ZM_0185_A1_F01_T7C	
16524	ZM_0185_A1_F02	ZM_0185_A1_F02_T7C	
16525	ZM_0185_A1_F03	ZM_0185_A1_F03_T7C	
16526	ZM_0185_A1_F04	ZM_0185_A1_F04_T7C	
16527	ZM_0185_A1_F05	ZM_0185_A1_F05_T7C	
16528	ZM_0185_A1_F06	ZM_0185_A1_F06_T7C	
16529	ZM_0185_A1_F07	ZM_0185_A1_F07_T7C	
16530	ZM_0185_A1_F08	ZM_0185_A1_F08_T7C	
16531	ZM_0185_A1_F09	ZM_0185_A1_F09_T7C	
16532	ZM_0185_A1_F10	ZM_0185_A1_F10_T7C	
16533	ZM_0185_A1_F11	ZM_0185_A1_F11_T7C	
16534	ZM_0185_A1_G01	ZM_0185_A1_G01_T7C	
16535	ZM_0185_A1_G02	ZM_0185_A1_G02_T7C	
16536	ZM_0185_A1_G03	ZM_0185_A1_G03_T7C	
16537	ZM_0185_A1_G05	ZM_0185_A1_G05_T7C	
16538	ZM_0185_A1_G07	ZM_0185_A1_G07_T7C	
16539	ZM_0185_A1_G08	ZM_0185_A1_G08_T7C	
16540	ZM_0185_A1_G09	ZM_0185_A1_G09_T7C	
16541	ZM_0185_A1_G10	ZM_0185_A1_G10_T7C	
16542	ZM_0185_A1_G11	ZM_0185_A1_G11_T7C	
16543	ZM_0185_A1_G12	ZM_0185_A1_G12_T7C	
16544	ZM_0185_A1_H01	ZM_0185_A1_H01_T7C	
16545	ZM_0185_A1_H02	ZM_0185_A1_H02_T7C	
16546	ZM_0185_A1_H03	ZM_0185_A1_H03_T7C	
16547	ZM_0185_A1_H04	ZM_0185_A1_H04_T7C	
16548	ZM_0185_A1_H05	ZM_0185_A1_H05_T7C	
16549	ZM_0185_A1_H06	ZM_0185_A1_H06_T7C	
16550	ZM_0185_A1_H07	ZM_0185_A1_H07_T7C	
16551	ZM_0185_A1_H08	ZM_0185_A1_H08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16552	ZM_0185_A1_H09	ZM_0185_A1_H09_T7C	
16553	ZM_0185_A1_H10	ZM_0185_A1_H10_T7C	
16554	ZM_0185_A1_H11	ZM_0185_A1_H11_T7C	
16555	ZM_0185_A1_H12	ZM_0185_A1_H12_T7C	
16556	ZM_0185_A2_A01	ZM_0185_A2_A01_T7C	
16557	ZM_0185_A2_A02	ZM_0185_A2_A02_T7C	
16558	ZM_0185_A2_A03	ZM_0185_A2_A03_T7C	
16559	ZM_0185_A2_A04	ZM_0185_A2_A04_T7C	
16560	ZM_0185_A2_A05	ZM_0185_A2_A05_T7C	
16561	ZM_0185_A2_A06	ZM_0185_A2_A06_T7C	
16562	ZM_0185_A2_A07	ZM_0185_A2_A07_T7C	
16563	ZM_0185_A2_A08	ZM_0185_A2_A08_T7C	
16564	ZM_0185_A2_A09	ZM_0185_A2_A09_T7C	
16565	ZM_0185_A2_A10	ZM_0185_A2_A10_T7C	
16566	ZM_0185_A2_A11	ZM_0185_A2_A11_T7C	
16567	ZM_0185_A2_A12	ZM_0185_A2_A12_T7C	
16568	ZM_0185_A2_B01	ZM_0185_A2_B01_T7C	
16569	ZM_0185_A2_B02	ZM_0185_A2_B02_T7C	
16570	ZM_0185_A2_B03	ZM_0185_A2_B03_T7C	
16571	ZM_0185_A2_B04	ZM_0185_A2_B04_T7C	
16572	ZM_0185_A2_B05	ZM_0185_A2_B05_T7C	
16573	ZM_0185_A2_B06	ZM_0185_A2_B06_T7C	
16574	ZM_0185_A2_B07	ZM_0185_A2_B07_T7C	
16575	ZM_0185_A2_B09	ZM_0185_A2_B09_T7C	
16576	ZM_0185_A2_B10	ZM_0185_A2_B10_T7C	
16577	ZM_0185_A2_B11	ZM_0185_A2_B11_T7C	
16578	ZM_0185_A2_B12	ZM_0185_A2_B12_T7C	
16579	ZM_0185_A2_C01	ZM_0185_A2_C01_T7C	
16580	ZM_0185_A2_C02	ZM_0185_A2_C02_T7C	
16581	ZM_0185_A2_C03	ZM_0185_A2_C03_T7C	
16582	ZM_0185_A2_C04	ZM_0185_A2_C04_T7C	
16583	ZM_0185_A2_C05	ZM_0185_A2_C05_T7C	
16584	ZM_0185_A2_C06	ZM_0185_A2_C06_T7C	
16585	ZM_0185_A2_C07	ZM_0185_A2_C07_T7C	
16586	ZM_0185_A2_C08	ZM_0185_A2_C08_T7C	
16587	ZM_0185_A2_C09	ZM_0185_A2_C09_T7C	
16588	ZM_0185_A2_C10	ZM_0185_A2_C10_T7C	
16589	ZM_0185_A2_C11	ZM_0185_A2_C11_T7C	
16590	ZM_0185_A2_C12	ZM_0185_A2_C12_T7C	
16591	ZM_0185_A2_D01	ZM_0185_A2_D01_T7C	
16592	ZM_0185_A2_D02	ZM_0185_A2_D02_T7C	
16593	ZM_0185_A2_D03	ZM_0185_A2_D03_T7C	
16594	ZM_0185_A2_D04	ZM_0185_A2_D04_T7C	
16595	ZM_0185_A2_D06	ZM_0185_A2_D06_T7C	
16596	ZM_0185_A2_D07	ZM_0185_A2_D07_T7C	
16597	ZM_0185_A2_D08	ZM_0185_A2_D08_T7C	
16598	ZM_0185_A2_D09	ZM_0185_A2_D09_T7C	
16599	ZM_0185_A2_D10	ZM_0185_A2_D10_T7C	
16600	ZM_0185_A2_D11	ZM_0185_A2_D11_T7C	
16601	ZM_0185_A2_D12	ZM_0185_A2_D12_T7C	
16602	ZM_0185_A2_E01	ZM_0185_A2_E01_T7C	
16603	ZM_0185_A2_E02	ZM_0185_A2_E02_T7C	
16604	ZM_0185_A2_E03	ZM_0185_A2_E03_T7C	
16605	ZM_0185_A2_E04	ZM_0185_A2_E04_T7C	
16606	ZM_0185_A2_E05	ZM_0185_A2_E05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16607	ZM_0185_A2_E06	ZM_0185_A2_E06_T7C	
16608	ZM_0185_A2_E07	ZM_0185_A2_E07_T7C	
16609	ZM_0185_A2_E08	ZM_0185_A2_E08_T7C	
16610	ZM_0185_A2_E09	ZM_0185_A2_E09_T7C	
16611	ZM_0185_A2_E10	ZM_0185_A2_E10_T7C	
16612	ZM_0185_A2_E11	ZM_0185_A2_E11_T7C	
16613	ZM_0185_A2_E12	ZM_0185_A2_E12_T7C	
16614	ZM_0185_A2_F01	ZM_0185_A2_F01_T7C	
16615	ZM_0185_A2_F02	ZM_0185_A2_F02_T7C	
16616	ZM_0185_A2_F03	ZM_0185_A2_F03_T7C	
16617	ZM_0185_A2_F04	ZM_0185_A2_F04_T7C	
16618	ZM_0185_A2_F06	ZM_0185_A2_F06_T7C	
16619	ZM_0185_A2_F07	ZM_0185_A2_F07_T7C	
16620	ZM_0185_A2_F08	ZM_0185_A2_F08_T7C	
16621	ZM_0185_A2_F09	ZM_0185_A2_F09_T7C	
16622	ZM_0185_A2_F10	ZM_0185_A2_F10_T7C	
16623	ZM_0185_A2_F11	ZM_0185_A2_F11_T7C	
16624	ZM_0185_A2_G01	ZM_0185_A2_G01_T7C	
16625	ZM_0185_A2_G02	ZM_0185_A2_G02_T7C	
16626	ZM_0185_A2_G03	ZM_0185_A2_G03_T7C	
16627	ZM_0185_A2_G05	ZM_0185_A2_G05_T7C	
16628	ZM_0185_A2_G06	ZM_0185_A2_G06_T7C	
16629	ZM_0185_A2_G07	ZM_0185_A2_G07_T7C	
16630	ZM_0185_A2_G08	ZM_0185_A2_G08_T7C	
16631	ZM_0185_A2_G09	ZM_0185_A2_G09_T7C	
16632	ZM_0185_A2_G10	ZM_0185_A2_G10_T7C	
16633	ZM_0185_A2_G11	ZM_0185_A2_G11_T7C	
16634	ZM_0185_A2_G12	ZM_0185_A2_G12_T7C	
16635	ZM_0185_A2_H01	ZM_0185_A2_H01_T7C	
16636	ZM_0185_A2_H02	ZM_0185_A2_H02_T7C	
16637	ZM_0185_A2_H04	ZM_0185_A2_H04_T7C	
16638	ZM_0185_A2_H05	ZM_0185_A2_H05_T7C	
16639	ZM_0185_A2_H06	ZM_0185_A2_H06_T7C	
16640	ZM_0185_A2_H07	ZM_0185_A2_H07_T7C	
16641	ZM_0185_A2_H08	ZM_0185_A2_H08_T7C	
16642	ZM_0185_A2_H09	ZM_0185_A2_H09_T7C	
16643	ZM_0185_A2_H10	ZM_0185_A2_H10_T7C	
16644	ZM_0185_A2_H11	ZM_0185_A2_H11_T7C	
16645	ZM_0185_A2_H12	ZM_0185_A2_H12_T7C	
16646	ZM_0186_A1_A02	ZM_0186_A1_A02_T7C	
16647	ZM_0186_A1_A03	ZM_0186_A1_A03_T7C	
16648	ZM_0186_A1_A04	ZM_0186_A1_A04_T7C	
16649	ZM_0186_A1_A05	ZM_0186_A1_A05_T7C	
16650	ZM_0186_A1_A06	ZM_0186_A1_A06_T7C	
16651	ZM_0186_A1_A07	ZM_0186_A1_A07_T7C	
16652	ZM_0186_A1_A08	ZM_0186_A1_A08_T7C	
16653	ZM_0186_A1_A09	ZM_0186_A1_A09_T7C	
16654	ZM_0186_A1_A10	ZM_0186_A1_A10_T7C	
16655	ZM_0186_A1_A11	ZM_0186_A1_A11_T7C	
16656	ZM_0186_A1_A12	ZM_0186_A1_A12_T7C	
16657	ZM_0186_A1_B01	ZM_0186_A1_B01_T7C	
16658	ZM_0186_A1_B03	ZM_0186_A1_B03_T7C	
16659	ZM_0186_A1_B04	ZM_0186_A1_B04_T7C	
16660	ZM_0186_A1_B05	ZM_0186_A1_B05_T7C	
16661	ZM_0186_A1_B06	ZM_0186_A1_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16662	ZM_0186_A1_B07	ZM_0186_A1_B07_T7C	
16663	ZM_0186_A1_B08	ZM_0186_A1_B08_T7C	
16664	ZM_0186_A1_B09	ZM_0186_A1_B09_T7C	
16665	ZM_0186_A1_B11	ZM_0186_A1_B11_T7C	
16666	ZM_0186_A1_B12	ZM_0186_A1_B12_T7C	
16667	ZM_0186_A1_C01	ZM_0186_A1_C01_T7C	
16668	ZM_0186_A1_C02	ZM_0186_A1_C02_T7C	
16669	ZM_0186_A1_C04	ZM_0186_A1_C04_T7C	
16670	ZM_0186_A1_C05	ZM_0186_A1_C05_T7C	
16671	ZM_0186_A1_C06	ZM_0186_A1_C06_T7C	
16672	ZM_0186_A1_C07	ZM_0186_A1_C07_T7C	
16673	ZM_0186_A1_C08	ZM_0186_A1_C08_T7C	
16674	ZM_0186_A1_C10	ZM_0186_A1_C10_T7C	
16675	ZM_0186_A1_C11	ZM_0186_A1_C11_T7C	
16676	ZM_0186_A1_C12	ZM_0186_A1_C12_T7C	
16677	ZM_0186_A1_D01	ZM_0186_A1_D01_T7C	
16678	ZM_0186_A1_D02	ZM_0186_A1_D02_T7C	
16679	ZM_0186_A1_D03	ZM_0186_A1_D03_T7C	
16680	ZM_0186_A1_D04	ZM_0186_A1_D04_T7C	
16681	ZM_0186_A1_D05	ZM_0186_A1_D05_T7C	
16682	ZM_0186_A1_D06	ZM_0186_A1_D06_T7C	
16683	ZM_0186_A1_D07	ZM_0186_A1_D07_T7C	
16684	ZM_0186_A1_D08	ZM_0186_A1_D08_T7C	
16685	ZM_0186_A1_D09	ZM_0186_A1_D09_T7C	
16686	ZM_0186_A1_D11	ZM_0186_A1_D11_T7C	
16687	ZM_0186_A1_D12	ZM_0186_A1_D12_T7C	
16688	ZM_0186_A1_E01	ZM_0186_A1_E01_T7C	
16689	ZM_0186_A1_E02	ZM_0186_A1_E02_T7C	
16690	ZM_0186_A1_E04	ZM_0186_A1_E04_T7C	
16691	ZM_0186_A1_E05	ZM_0186_A1_E05_T7C	
16692	ZM_0186_A1_E06	ZM_0186_A1_E06_T7C	
16693	ZM_0186_A1_E07	ZM_0186_A1_E07_T7C	
16694	ZM_0186_A1_E08	ZM_0186_A1_E08_T7C	
16695	ZM_0186_A1_E10	ZM_0186_A1_E10_T7C	
16696	ZM_0186_A1_E11	ZM_0186_A1_E11_T7C	
16697	ZM_0186_A1_E12	ZM_0186_A1_E12_T7C	
16698	ZM_0186_A1_F01	ZM_0186_A1_F01_T7C	
16699	ZM_0186_A1_F02	ZM_0186_A1_F02_T7C	
16700	ZM_0186_A1_F03	ZM_0186_A1_F03_T7C	
16701	ZM_0186_A1_F04	ZM_0186_A1_F04_T7C	
16702	ZM_0186_A1_F05	ZM_0186_A1_F05_T7C	
16703	ZM_0186_A1_F06	ZM_0186_A1_F06_T7C	
16704	ZM_0186_A1_F07	ZM_0186_A1_F07_T7C	
16705	ZM_0186_A1_F10	ZM_0186_A1_F10_T7C	
16706	ZM_0186_A1_F11	ZM_0186_A1_F11_T7C	
16707	ZM_0186_A1_F12	ZM_0186_A1_F12_T7C	
16708	ZM_0186_A1_G01	ZM_0186_A1_G01_T7C	
16709	ZM_0186_A1_G02	ZM_0186_A1_G02_T7C	
16710	ZM_0186_A1_G03	ZM_0186_A1_G03_T7C	
16711	ZM_0186_A1_G04	ZM_0186_A1_G04_T7C	
16712	ZM_0186_A1_G05	ZM_0186_A1_G05_T7C	
16713	ZM_0186_A1_G07	ZM_0186_A1_G07_T7C	
16714	ZM_0186_A1_G10	ZM_0186_A1_G10_T7C	
16715	ZM_0186_A1_G11	ZM_0186_A1_G11_T7C	
16716	ZM_0186_A1_H01	ZM_0186_A1_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16717	ZM_0186_A1_H02	ZM_0186_A1_H02_T7C	
16718	ZM_0186_A1_H03	ZM_0186_A1_H03_T7C	
16719	ZM_0186_A1_H04	ZM_0186_A1_H04_T7C	
16720	ZM_0186_A1_H05	ZM_0186_A1_H05_T7C	
16721	ZM_0186_A1_H06	ZM_0186_A1_H06_T7C	
16722	ZM_0186_A1_H07	ZM_0186_A1_H07_T7C	
16723	ZM_0186_A1_H08	ZM_0186_A1_H08_T7C	
16724	ZM_0186_A1_H09	ZM_0186_A1_H09_T7C	
16725	ZM_0186_A1_H10	ZM_0186_A1_H10_T7C	
16726	ZM_0186_A1_H11	ZM_0186_A1_H11_T7C	
16727	ZM_0186_A1_H12	ZM_0186_A1_H12_T7C	
16728	ZM_0186_A2_A01	ZM_0186_A2_A01_T7C	
16729	ZM_0186_A2_A02	ZM_0186_A2_A02_T7C	
16730	ZM_0186_A2_A03	ZM_0186_A2_A03_T7C	
16731	ZM_0186_A2_A04	ZM_0186_A2_A04_T7C	
16732	ZM_0186_A2_A05	ZM_0186_A2_A05_T7C	
16733	ZM_0186_A2_A06	ZM_0186_A2_A06_T7C	
16734	ZM_0186_A2_A07	ZM_0186_A2_A07_T7C	
16735	ZM_0186_A2_A08	ZM_0186_A2_A08_T7C	
16736	ZM_0186_A2_A09	ZM_0186_A2_A09_T7C	
16737	ZM_0186_A2_A10	ZM_0186_A2_A10_T7C	
16738	ZM_0186_A2_A11	ZM_0186_A2_A11_T7C	
16739	ZM_0186_A2_A12	ZM_0186_A2_A12_T7C	
16740	ZM_0186_A2_B02	ZM_0186_A2_B02_T7C	
16741	ZM_0186_A2_B03	ZM_0186_A2_B03_T7C	
16742	ZM_0186_A2_B05	ZM_0186_A2_B05_T7C	
16743	ZM_0186_A2_B06	ZM_0186_A2_B06_T7C	
16744	ZM_0186_A2_B07	ZM_0186_A2_B07_T7C	
16745	ZM_0186_A2_B08	ZM_0186_A2_B08_T7C	
16746	ZM_0186_A2_B09	ZM_0186_A2_B09_T7C	
16747	ZM_0186_A2_B10	ZM_0186_A2_B10_T7C	
16748	ZM_0186_A2_B11	ZM_0186_A2_B11_T7C	
16749	ZM_0186_A2_B12	ZM_0186_A2_B12_T7C	
16750	ZM_0186_A2_C01	ZM_0186_A2_C01_T7C	
16751	ZM_0186_A2_C02	ZM_0186_A2_C02_T7C	
16752	ZM_0186_A2_C03	ZM_0186_A2_C03_T7C	
16753	ZM_0186_A2_C04	ZM_0186_A2_C04_T7C	
16754	ZM_0186_A2_C05	ZM_0186_A2_C05_T7C	
16755	ZM_0186_A2_C06	ZM_0186_A2_C06_T7C	
16756	ZM_0186_A2_C07	ZM_0186_A2_C07_T7C	
16757	ZM_0186_A2_C08	ZM_0186_A2_C08_T7C	
16758	ZM_0186_A2_C10	ZM_0186_A2_C10_T7C	
16759	ZM_0186_A2_C12	ZM_0186_A2_C12_T7C	
16760	ZM_0186_A2_D03	ZM_0186_A2_D03_T7C	
16761	ZM_0186_A2_D04	ZM_0186_A2_D04_T7C	
16762	ZM_0186_A2_D05	ZM_0186_A2_D05_T7C	
16763	ZM_0186_A2_D06	ZM_0186_A2_D06_T7C	
16764	ZM_0186_A2_D07	ZM_0186_A2_D07_T7C	
16765	ZM_0186_A2_D08	ZM_0186_A2_D08_T7C	
16766	ZM_0186_A2_D09	ZM_0186_A2_D09_T7C	
16767	ZM_0186_A2_D10	ZM_0186_A2_D10_T7C	
16768	ZM_0186_A2_D11	ZM_0186_A2_D11_T7C	
16769	ZM_0186_A2_D12	ZM_0186_A2_D12_T7C	
16770	ZM_0186_A2_E01	ZM_0186_A2_E01_T7C	
16771	ZM_0186_A2_E02	ZM_0186_A2_E02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16772	ZM_0186_A2_E03	ZM_0186_A2_E03_T7C	
16773	ZM_0186_A2_E04	ZM_0186_A2_E04_T7C	
16774	ZM_0186_A2_E05	ZM_0186_A2_E05_T7C	
16775	ZM_0186_A2_E06	ZM_0186_A2_E06_T7C	
16776	ZM_0186_A2_E08	ZM_0186_A2_E08_T7C	
16777	ZM_0186_A2_E09	ZM_0186_A2_E09_T7C	
16778	ZM_0186_A2_E10	ZM_0186_A2_E10_T7C	
16779	ZM_0186_A2_E11	ZM_0186_A2_E11_T7C	
16780	ZM_0186_A2_E12	ZM_0186_A2_E12_T7C	
16781	ZM_0186_A2_F01	ZM_0186_A2_F01_T7C	
16782	ZM_0186_A2_F02	ZM_0186_A2_F02_T7C	
16783	ZM_0186_A2_F03	ZM_0186_A2_F03_T7C	
16784	ZM_0186_A2_F04	ZM_0186_A2_F04_T7C	
16785	ZM_0186_A2_F05	ZM_0186_A2_F05_T7C	
16786	ZM_0186_A2_F06	ZM_0186_A2_F06_T7C	
16787	ZM_0186_A2_F07	ZM_0186_A2_F07_T7C	
16788	ZM_0186_A2_F08	ZM_0186_A2_F08_T7C	
16789	ZM_0186_A2_F09	ZM_0186_A2_F09_T7C	
16790	ZM_0186_A2_F10	ZM_0186_A2_F10_T7C	
16791	ZM_0186_A2_F11	ZM_0186_A2_F11_T7C	
16792	ZM_0186_A2_F12	ZM_0186_A2_F12_T7C	
16793	ZM_0186_A2_G01	ZM_0186_A2_G01_T7C	
16794	ZM_0186_A2_G02	ZM_0186_A2_G02_T7C	
16795	ZM_0186_A2_G03	ZM_0186_A2_G03_T7C	
16796	ZM_0186_A2_G04	ZM_0186_A2_G04_T7C	
16797	ZM_0186_A2_G05	ZM_0186_A2_G05_T7C	
16798	ZM_0186_A2_G06	ZM_0186_A2_G06_T7C	
16799	ZM_0186_A2_G07	ZM_0186_A2_G07_T7C	
16800	ZM_0186_A2_G08	ZM_0186_A2_G08_T7C	
16801	ZM_0186_A2_G09	ZM_0186_A2_G09_T7C	
16802	ZM_0186_A2_G10	ZM_0186_A2_G10_T7C	
16803	ZM_0186_A2_G11	ZM_0186_A2_G11_T7C	
16804	ZM_0186_A2_G12	ZM_0186_A2_G12_T7C	
16805	ZM_0186_A2_H01	ZM_0186_A2_H01_T7C	
16806	ZM_0186_A2_H02	ZM_0186_A2_H02_T7C	
16807	ZM_0186_A2_H03	ZM_0186_A2_H03_T7C	
16808	ZM_0186_A2_H04	ZM_0186_A2_H04_T7C	
16809	ZM_0186_A2_H05	ZM_0186_A2_H05_T7C	
16810	ZM_0186_A2_H06	ZM_0186_A2_H06_T7C	
16811	ZM_0186_A2_H07	ZM_0186_A2_H07_T7C	
16812	ZM_0186_A2_H08	ZM_0186_A2_H08_T7C	
16813	ZM_0186_A2_H09	ZM_0186_A2_H09_T7C	
16814	ZM_0186_A2_H10	ZM_0186_A2_H10_T7C	
16815	ZM_0186_A2_H11	ZM_0186_A2_H11_T7C	
16816	ZM_0186_A2_H12	ZM_0186_A2_H12_T7C	
16817	ZM_0186_B1_A01	ZM_0186_B1_A01_T7C	
16818	ZM_0186_B1_A03	ZM_0186_B1_A03_T7C	
16819	ZM_0186_B1_A06	ZM_0186_B1_A06_T7C	
16820	ZM_0186_B1_A07	ZM_0186_B1_A07_T7C	
16821	ZM_0186_B1_A08	ZM_0186_B1_A08_T7C	
16822	ZM_0186_B1_A09	ZM_0186_B1_A09_T7C	
16823	ZM_0186_B1_A10	ZM_0186_B1_A10_T7C	
16824	ZM_0186_B1_A11	ZM_0186_B1_A11_T7C	
16825	ZM_0186_B1_A12	ZM_0186_B1_A12_T7C	
16826	ZM_0186_B1_B01	ZM_0186_B1_B01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16827	ZM_0186_B1_B02	ZM_0186_B1_B02_T7C	
16828	ZM_0186_B1_B03	ZM_0186_B1_B03_T7C	
16829	ZM_0186_B1_B04	ZM_0186_B1_B04_T7C	
16830	ZM_0186_B1_B05	ZM_0186_B1_B05_T7C	
16831	ZM_0186_B1_B06	ZM_0186_B1_B06_T7C	
16832	ZM_0186_B1_B07	ZM_0186_B1_B07_T7C	
16833	ZM_0186_B1_B08	ZM_0186_B1_B08_T7C	
16834	ZM_0186_B1_B09	ZM_0186_B1_B09_T7C	
16835	ZM_0186_B1_B10	ZM_0186_B1_B10_T7C	
16836	ZM_0186_B1_B11	ZM_0186_B1_B11_T7C	
16837	ZM_0186_B1_B12	ZM_0186_B1_B12_T7C	
16838	ZM_0186_B1_C01	ZM_0186_B1_C01_T7C	
16839	ZM_0186_B1_C02	ZM_0186_B1_C02_T7C	
16840	ZM_0186_B1_C03	ZM_0186_B1_C03_T7C	
16841	ZM_0186_B1_C04	ZM_0186_B1_C04_T7C	
16842	ZM_0186_B1_C05	ZM_0186_B1_C05_T7C	
16843	ZM_0186_B1_C06	ZM_0186_B1_C06_T7C	
16844	ZM_0186_B1_C07	ZM_0186_B1_C07_T7C	
16845	ZM_0186_B1_C08	ZM_0186_B1_C08_T7C	
16846	ZM_0186_B1_C09	ZM_0186_B1_C09_T7C	
16847	ZM_0186_B1_C10	ZM_0186_B1_C10_T7C	
16848	ZM_0186_B1_C11	ZM_0186_B1_C11_T7C	
16849	ZM_0186_B1_C12	ZM_0186_B1_C12_T7C	
16850	ZM_0186_B1_D01	ZM_0186_B1_D01_T7C	
16851	ZM_0186_B1_D02	ZM_0186_B1_D02_T7C	
16852	ZM_0186_B1_D03	ZM_0186_B1_D03_T7C	
16853	ZM_0186_B1_D04	ZM_0186_B1_D04_T7C	
16854	ZM_0186_B1_D05	ZM_0186_B1_D05_T7C	
16855	ZM_0186_B1_D06	ZM_0186_B1_D06_T7C	
16856	ZM_0186_B1_D07	ZM_0186_B1_D07_T7C	
16857	ZM_0186_B1_D08	ZM_0186_B1_D08_T7C	
16858	ZM_0186_B1_D09	ZM_0186_B1_D09_T7C	
16859	ZM_0186_B1_D10	ZM_0186_B1_D10_T7C	
16860	ZM_0186_B1_D11	ZM_0186_B1_D11_T7C	
16861	ZM_0186_B1_D12	ZM_0186_B1_D12_T7C	
16862	ZM_0186_B1_E01	ZM_0186_B1_E01_T7C	
16863	ZM_0186_B1_E02	ZM_0186_B1_E02_T7C	
16864	ZM_0186_B1_E03	ZM_0186_B1_E03_T7C	
16865	ZM_0186_B1_E04	ZM_0186_B1_E04_T7C	
16866	ZM_0186_B1_E05	ZM_0186_B1_E05_T7C	
16867	ZM_0186_B1_E06	ZM_0186_B1_E06_T7C	
16868	ZM_0186_B1_E07	ZM_0186_B1_E07_T7C	
16869	ZM_0186_B1_E08	ZM_0186_B1_E08_T7C	
16870	ZM_0186_B1_E09	ZM_0186_B1_E09_T7C	
16871	ZM_0186_B1_E10	ZM_0186_B1_E10_T7C	
16872	ZM_0186_B1_E11	ZM_0186_B1_E11_T7C	
16873	ZM_0186_B1_E12	ZM_0186_B1_E12_T7C	
16874	ZM_0186_B1_F01	ZM_0186_B1_F01_T7C	
16875	ZM_0186_B1_F04	ZM_0186_B1_F04_T7C	
16876	ZM_0186_B1_F05	ZM_0186_B1_F05_T7C	
16877	ZM_0186_B1_F06	ZM_0186_B1_F06_T7C	
16878	ZM_0186_B1_F07	ZM_0186_B1_F07_T7C	
16879	ZM_0186_B1_F08	ZM_0186_B1_F08_T7C	
16880	ZM_0186_B1_F09	ZM_0186_B1_F09_T7C	
16881	ZM_0186_B1_F10	ZM_0186_B1_F10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16882	ZM_0186_B1_F11	ZM_0186_B1_F11_T7C	
16883	ZM_0186_B1_F12	ZM_0186_B1_F12_T7C	
16884	ZM_0186_B1_G01	ZM_0186_B1_G01_T7C	
16885	ZM_0186_B1_G02	ZM_0186_B1_G02_T7C	
16886	ZM_0186_B1_G03	ZM_0186_B1_G03_T7C	
16887	ZM_0186_B1_G04	ZM_0186_B1_G04_T7C	
16888	ZM_0186_B1_G05	ZM_0186_B1_G05_T7C	
16889	ZM_0186_B1_G06	ZM_0186_B1_G06_T7C	
16890	ZM_0186_B1_G07	ZM_0186_B1_G07_T7C	
16891	ZM_0186_B1_G08	ZM_0186_B1_G08_T7C	
16892	ZM_0186_B1_G09	ZM_0186_B1_G09_T7C	
16893	ZM_0186_B1_G10	ZM_0186_B1_G10_T7C	
16894	ZM_0186_B1_G11	ZM_0186_B1_G11_T7C	
16895	ZM_0186_B1_G12	ZM_0186_B1_G12_T7C	
16896	ZM_0186_B1_H01	ZM_0186_B1_H01_T7C	
16897	ZM_0186_B1_H02	ZM_0186_B1_H02_T7C	
16898	ZM_0186_B1_H03	ZM_0186_B1_H03_T7C	
16899	ZM_0186_B1_H04	ZM_0186_B1_H04_T7C	
16900	ZM_0186_B1_H06	ZM_0186_B1_H06_T7C	
16901	ZM_0186_B1_H07	ZM_0186_B1_H07_T7C	
16902	ZM_0186_B1_H08	ZM_0186_B1_H08_T7C	
16903	ZM_0186_B1_H09	ZM_0186_B1_H09_T7C	
16904	ZM_0186_B1_H10	ZM_0186_B1_H10_T7C	
16905	ZM_0186_B1_H11	ZM_0186_B1_H11_T7C	
16906	ZM_0186_B1_H12	ZM_0186_B1_H12_T7C	
16907	ZM_0187_B1_A01	ZM_0187_B1_A01_T7C	
16908	ZM_0187_B1_A02	ZM_0187_B1_A02_T7C	
16909	ZM_0187_B1_A03	ZM_0187_B1_A03_T7C	
16910	ZM_0187_B1_A04	ZM_0187_B1_A04_T7C	
16911	ZM_0187_B1_A05	ZM_0187_B1_A05_T7C	
16912	ZM_0187_B1_A06	ZM_0187_B1_A06_T7C	
16913	ZM_0187_B1_A07	ZM_0187_B1_A07_T7C	
16914	ZM_0187_B1_A08	ZM_0187_B1_A08_T7C	
16915	ZM_0187_B1_A09	ZM_0187_B1_A09_T7C	
16916	ZM_0187_B1_A10	ZM_0187_B1_A10_T7C	
16917	ZM_0187_B1_A11	ZM_0187_B1_A11_T7C	
16918	ZM_0187_B1_B01	ZM_0187_B1_B01_T7C	
16919	ZM_0187_B1_B02	ZM_0187_B1_B02_T7C	
16920	ZM_0187_B1_B03	ZM_0187_B1_B03_T7C	
16921	ZM_0187_B1_B04	ZM_0187_B1_B04_T7C	
16922	ZM_0187_B1_B05	ZM_0187_B1_B05_T7C	
16923	ZM_0187_B1_B06	ZM_0187_B1_B06_T7C	
16924	ZM_0187_B1_B07	ZM_0187_B1_B07_T7C	
16925	ZM_0187_B1_B08	ZM_0187_B1_B08_T7C	
16926	ZM_0187_B1_B09	ZM_0187_B1_B09_T7C	
16927	ZM_0187_B1_B10	ZM_0187_B1_B10_T7C	
16928	ZM_0187_B1_B11	ZM_0187_B1_B11_T7C	
16929	ZM_0187_B1_C01	ZM_0187_B1_C01_T7C	
16930	ZM_0187_B1_C02	ZM_0187_B1_C02_T7C	
16931	ZM_0187_B1_C03	ZM_0187_B1_C03_T7C	
16932	ZM_0187_B1_C04	ZM_0187_B1_C04_T7C	
16933	ZM_0187_B1_C06	ZM_0187_B1_C06_T7C	
16934	ZM_0187_B1_C07	ZM_0187_B1_C07_T7C	
16935	ZM_0187_B1_C08	ZM_0187_B1_C08_T7C	
16936	ZM_0187_B1_C09	ZM_0187_B1_C09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16937	ZM_0187_B1_C10	ZM_0187_B1_C10_T7C	
16938	ZM_0187_B1_C11	ZM_0187_B1_C11_T7C	
16939	ZM_0187_B1_C12	ZM_0187_B1_C12_T7C	
16940	ZM_0187_B1_D01	ZM_0187_B1_D01_T7C	
16941	ZM_0187_B1_D02	ZM_0187_B1_D02_T7C	
16942	ZM_0187_B1_D03	ZM_0187_B1_D03_T7C	
16943	ZM_0187_B1_D04	ZM_0187_B1_D04_T7C	
16944	ZM_0187_B1_D05	ZM_0187_B1_D05_T7C	
16945	ZM_0187_B1_D06	ZM_0187_B1_D06_T7C	
16946	ZM_0187_B1_D08	ZM_0187_B1_D08_T7C	
16947	ZM_0187_B1_D09	ZM_0187_B1_D09_T7C	
16948	ZM_0187_B1_D10	ZM_0187_B1_D10_T7C	
16949	ZM_0187_B1_D11	ZM_0187_B1_D11_T7C	
16950	ZM_0187_B1_D12	ZM_0187_B1_D12_T7C	
16951	ZM_0187_B1_E01	ZM_0187_B1_E01_T7C	
16952	ZM_0187_B1_E02	ZM_0187_B1_E02_T7C	
16953	ZM_0187_B1_E03	ZM_0187_B1_E03_T7C	
16954	ZM_0187_B1_E04	ZM_0187_B1_E04_T7C	
16955	ZM_0187_B1_E05	ZM_0187_B1_E05_T7C	
16956	ZM_0187_B1_E06	ZM_0187_B1_E06_T7C	
16957	ZM_0187_B1_E07	ZM_0187_B1_E07_T7C	
16958	ZM_0187_B1_E08	ZM_0187_B1_E08_T7C	
16959	ZM_0187_B1_E10	ZM_0187_B1_E10_T7C	
16960	ZM_0187_B1_E11	ZM_0187_B1_E11_T7C	
16961	ZM_0187_B1_E12	ZM_0187_B1_E12_T7C	
16962	ZM_0187_B1_F01	ZM_0187_B1_F01_T7C	
16963	ZM_0187_B1_F02	ZM_0187_B1_F02_T7C	
16964	ZM_0187_B1_F03	ZM_0187_B1_F03_T7C	
16965	ZM_0187_B1_F04	ZM_0187_B1_F04_T7C	
16966	ZM_0187_B1_F05	ZM_0187_B1_F05_T7C	
16967	ZM_0187_B1_F06	ZM_0187_B1_F06_T7C	
16968	ZM_0187_B1_F07	ZM_0187_B1_F07_T7C	
16969	ZM_0187_B1_F08	ZM_0187_B1_F08_T7C	
16970	ZM_0187_B1_F09	ZM_0187_B1_F09_T7C	
16971	ZM_0187_B1_F10	ZM_0187_B1_F10_T7C	
16972	ZM_0187_B1_F11	ZM_0187_B1_F11_T7C	
16973	ZM_0187_B1_F12	ZM_0187_B1_F12_T7C	
16974	ZM_0187_B1_G02	ZM_0187_B1_G02_T7C	
16975	ZM_0187_B1_G03	ZM_0187_B1_G03_T7C	
16976	ZM_0187_B1_G04	ZM_0187_B1_G04_T7C	
16977	ZM_0187_B1_G05	ZM_0187_B1_G05_T7C	
16978	ZM_0187_B1_G06	ZM_0187_B1_G06_T7C	
16979	ZM_0187_B1_G07	ZM_0187_B1_G07_T7C	
16980	ZM_0187_B1_G08	ZM_0187_B1_G08_T7C	
16981	ZM_0187_B1_G09	ZM_0187_B1_G09_T7C	
16982	ZM_0187_B1_G10	ZM_0187_B1_G10_T7C	
16983	ZM_0187_B1_G11	ZM_0187_B1_G11_T7C	
16984	ZM_0187_B1_G12	ZM_0187_B1_G12_T7C	
16985	ZM_0187_B1_H01	ZM_0187_B1_H01_T7C	
16986	ZM_0187_B1_H02	ZM_0187_B1_H02_T7C	
16987	ZM_0187_B1_H03	ZM_0187_B1_H03_T7C	
16988	ZM_0187_B1_H04	ZM_0187_B1_H04_T7C	
16989	ZM_0187_B1_H05	ZM_0187_B1_H05_T7C	
16990	ZM_0187_B1_H06	ZM_0187_B1_H06_T7C	
16991	ZM_0187_B1_H07	ZM_0187_B1_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
16992	ZM_0187_B1_H08	ZM_0187_B1_H08_T7C	
16993	ZM_0187_B1_H09	ZM_0187_B1_H09_T7C	
16994	ZM_0187_B1_H10	ZM_0187_B1_H10_T7C	
16995	ZM_0187_B1_H11	ZM_0187_B1_H11_T7C	
16996	ZM_0187_B1_H12	ZM_0187_B1_H12_T7C	
16997	ZM_0187_B2_A01	ZM_0187_B2_A01_T7C	
16998	ZM_0187_B2_A02	ZM_0187_B2_A02_T7C	
16999	ZM_0187_B2_A03	ZM_0187_B2_A03_T7C	
17000	ZM_0187_B2_A04	ZM_0187_B2_A04_T7C	
17001	ZM_0187_B2_A05	ZM_0187_B2_A05_T7C	
17002	ZM_0187_B2_A06	ZM_0187_B2_A06_T7C	
17003	ZM_0187_B2_A07	ZM_0187_B2_A07_T7C	
17004	ZM_0187_B2_A08	ZM_0187_B2_A08_T7C	
17005	ZM_0187_B2_A09	ZM_0187_B2_A09_T7C	
17006	ZM_0187_B2_A10	ZM_0187_B2_A10_T7C	
17007	ZM_0187_B2_A11	ZM_0187_B2_A11_T7C	
17008	ZM_0187_B2_A12	ZM_0187_B2_A12_T7C	
17009	ZM_0187_B2_B01	ZM_0187_B2_B01_T7C	
17010	ZM_0187_B2_B04	ZM_0187_B2_B04_T7C	
17011	ZM_0187_B2_B05	ZM_0187_B2_B05_T7C	
17012	ZM_0187_B2_B06	ZM_0187_B2_B06_T7C	
17013	ZM_0187_B2_B07	ZM_0187_B2_B07_T7C	
17014	ZM_0187_B2_B08	ZM_0187_B2_B08_T7C	
17015	ZM_0187_B2_B09	ZM_0187_B2_B09_T7C	
17016	ZM_0187_B2_B10	ZM_0187_B2_B10_T7C	
17017	ZM_0187_B2_B11	ZM_0187_B2_B11_T7C	
17018	ZM_0187_B2_B12	ZM_0187_B2_B12_T7C	
17019	ZM_0187_B2_C01	ZM_0187_B2_C01_T7C	
17020	ZM_0187_B2_C02	ZM_0187_B2_C02_T7C	
17021	ZM_0187_B2_C03	ZM_0187_B2_C03_T7C	
17022	ZM_0187_B2_C04	ZM_0187_B2_C04_T7C	
17023	ZM_0187_B2_C05	ZM_0187_B2_C05_T7C	
17024	ZM_0187_B2_C06	ZM_0187_B2_C06_T7C	
17025	ZM_0187_B2_C07	ZM_0187_B2_C07_T7C	
17026	ZM_0187_B2_C08	ZM_0187_B2_C08_T7C	
17027	ZM_0187_B2_C09	ZM_0187_B2_C09_T7C	
17028	ZM_0187_B2_C10	ZM_0187_B2_C10_T7C	
17029	ZM_0187_B2_C11	ZM_0187_B2_C11_T7C	
17030	ZM_0187_B2_C12	ZM_0187_B2_C12_T7C	
17031	ZM_0187_B2_D01	ZM_0187_B2_D01_T7C	
17032	ZM_0187_B2_D02	ZM_0187_B2_D02_T7C	
17033	ZM_0187_B2_D03	ZM_0187_B2_D03_T7C	
17034	ZM_0187_B2_D04	ZM_0187_B2_D04_T7C	
17035	ZM_0187_B2_D05	ZM_0187_B2_D05_T7C	
17036	ZM_0187_B2_D06	ZM_0187_B2_D06_T7C	
17037	ZM_0187_B2_D07	ZM_0187_B2_D07_T7C	
17038	ZM_0187_B2_D08	ZM_0187_B2_D08_T7C	
17039	ZM_0187_B2_D09	ZM_0187_B2_D09_T7C	
17040	ZM_0187_B2_D10	ZM_0187_B2_D10_T7C	
17041	ZM_0187_B2_D11	ZM_0187_B2_D11_T7C	
17042	ZM_0187_B2_D12	ZM_0187_B2_D12_T7C	
17043	ZM_0187_B2_E01	ZM_0187_B2_E01_T7C	
17044	ZM_0187_B2_E02	ZM_0187_B2_E02_T7C	
17045	ZM_0187_B2_E03	ZM_0187_B2_E03_T7C	
17046	ZM_0187_B2_E04	ZM_0187_B2_E04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17047	ZM_0187_B2_E05	ZM_0187_B2_E05_T7C	
17048	ZM_0187_B2_E06	ZM_0187_B2_E06_T7C	
17049	ZM_0187_B2_E08	ZM_0187_B2_E08_T7C	
17050	ZM_0187_B2_E09	ZM_0187_B2_E09_T7C	
17051	ZM_0187_B2_E10	ZM_0187_B2_E10_T7C	
17052	ZM_0187_B2_E11	ZM_0187_B2_E11_T7C	
17053	ZM_0187_B2_F01	ZM_0187_B2_F01_T7C	
17054	ZM_0187_B2_F02	ZM_0187_B2_F02_T7C	
17055	ZM_0187_B2_F03	ZM_0187_B2_F03_T7C	
17056	ZM_0187_B2_F04	ZM_0187_B2_F04_T7C	
17057	ZM_0187_B2_F05	ZM_0187_B2_F05_T7C	
17058	ZM_0187_B2_F06	ZM_0187_B2_F06_T7C	
17059	ZM_0187_B2_F07	ZM_0187_B2_F07_T7C	
17060	ZM_0187_B2_F08	ZM_0187_B2_F08_T7C	
17061	ZM_0187_B2_F09	ZM_0187_B2_F09_T7C	
17062	ZM_0187_B2_F10	ZM_0187_B2_F10_T7C	
17063	ZM_0187_B2_F12	ZM_0187_B2_F12_T7C	
17064	ZM_0187_B2_G01	ZM_0187_B2_G01_T7C	
17065	ZM_0187_B2_G02	ZM_0187_B2_G02_T7C	
17066	ZM_0187_B2_G03	ZM_0187_B2_G03_T7C	
17067	ZM_0187_B2_G04	ZM_0187_B2_G04_T7C	
17068	ZM_0187_B2_G05	ZM_0187_B2_G05_T7C	
17069	ZM_0187_B2_G06	ZM_0187_B2_G06_T7C	
17070	ZM_0187_B2_G07	ZM_0187_B2_G07_T7C	
17071	ZM_0187_B2_G08	ZM_0187_B2_G08_T7C	
17072	ZM_0187_B2_G09	ZM_0187_B2_G09_T7C	
17073	ZM_0187_B2_G10	ZM_0187_B2_G10_T7C	
17074	ZM_0187_B2_G11	ZM_0187_B2_G11_T7C	
17075	ZM_0187_B2_G12	ZM_0187_B2_G12_T7C	
17076	ZM_0187_B2_H01	ZM_0187_B2_H01_T7C	
17077	ZM_0187_B2_H02	ZM_0187_B2_H02_T7C	
17078	ZM_0187_B2_H03	ZM_0187_B2_H03_T7C	
17079	ZM_0187_B2_H04	ZM_0187_B2_H04_T7C	
17080	ZM_0187_B2_H05	ZM_0187_B2_H05_T7C	
17081	ZM_0187_B2_H06	ZM_0187_B2_H06_T7C	
17082	ZM_0187_B2_H07	ZM_0187_B2_H07_T7C	
17083	ZM_0187_B2_H08	ZM_0187_B2_H08_T7C	
17084	ZM_0187_B2_H09	ZM_0187_B2_H09_T7C	
17085	ZM_0187_B2_H10	ZM_0187_B2_H10_T7C	
17086	ZM_0187_B2_H11	ZM_0187_B2_H11_T7C	
17087	ZM_0187_B2_H12	ZM_0187_B2_H12_T7C	
17088	ZM_0188_A2_A01	ZM_0188_A2_A01_T7C	
17089	ZM_0188_A2_A02	ZM_0188_A2_A02_T7C	
17090	ZM_0188_A2_A03	ZM_0188_A2_A03_T7C	
17091	ZM_0188_A2_A04	ZM_0188_A2_A04_T7C	
17092	ZM_0188_A2_A05	ZM_0188_A2_A05_T7C	
17093	ZM_0188_A2_A07	ZM_0188_A2_A07_T7C	
17094	ZM_0188_A2_A08	ZM_0188_A2_A08_T7C	
17095	ZM_0188_A2_A10	ZM_0188_A2_A10_T7C	
17096	ZM_0188_A2_A11	ZM_0188_A2_A11_T7C	
17097	ZM_0188_A2_A12	ZM_0188_A2_A12_T7C	
17098	ZM_0188_A2_B01	ZM_0188_A2_B01_T7C	
17099	ZM_0188_A2_B02	ZM_0188_A2_B02_T7C	
17100	ZM_0188_A2_B03	ZM_0188_A2_B03_T7C	
17101	ZM_0188_A2_B04	ZM_0188_A2_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17102	ZM_0188_A2_B05	ZM_0188_A2_B05_T7C	
17103	ZM_0188_A2_B06	ZM_0188_A2_B06_T7C	
17104	ZM_0188_A2_B07	ZM_0188_A2_B07_T7C	
17105	ZM_0188_A2_B08	ZM_0188_A2_B08_T7C	
17106	ZM_0188_A2_B09	ZM_0188_A2_B09_T7C	
17107	ZM_0188_A2_B10	ZM_0188_A2_B10_T7C	
17108	ZM_0188_A2_B11	ZM_0188_A2_B11_T7C	
17109	ZM_0188_A2_B12	ZM_0188_A2_B12_T7C	
17110	ZM_0188_A2_C01	ZM_0188_A2_C01_T7C	
17111	ZM_0188_A2_C02	ZM_0188_A2_C02_T7C	
17112	ZM_0188_A2_C03	ZM_0188_A2_C03_T7C	
17113	ZM_0188_A2_C04	ZM_0188_A2_C04_T7C	
17114	ZM_0188_A2_C05	ZM_0188_A2_C05_T7C	
17115	ZM_0188_A2_C06	ZM_0188_A2_C06_T7C	
17116	ZM_0188_A2_C07	ZM_0188_A2_C07_T7C	
17117	ZM_0188_A2_C08	ZM_0188_A2_C08_T7C	
17118	ZM_0188_A2_C09	ZM_0188_A2_C09_T7C	
17119	ZM_0188_A2_C10	ZM_0188_A2_C10_T7C	
17120	ZM_0188_A2_C11	ZM_0188_A2_C11_T7C	
17121	ZM_0188_A2_C12	ZM_0188_A2_C12_T7C	
17122	ZM_0188_A2_D01	ZM_0188_A2_D01_T7C	
17123	ZM_0188_A2_D02	ZM_0188_A2_D02_T7C	
17124	ZM_0188_A2_D03	ZM_0188_A2_D03_T7C	
17125	ZM_0188_A2_D04	ZM_0188_A2_D04_T7C	
17126	ZM_0188_A2_D05	ZM_0188_A2_D05_T7C	
17127	ZM_0188_A2_D07	ZM_0188_A2_D07_T7C	
17128	ZM_0188_A2_D08	ZM_0188_A2_D08_T7C	
17129	ZM_0188_A2_D09	ZM_0188_A2_D09_T7C	
17130	ZM_0188_A2_D10	ZM_0188_A2_D10_T7C	
17131	ZM_0188_A2_D11	ZM_0188_A2_D11_T7C	
17132	ZM_0188_A2_E01	ZM_0188_A2_E01_T7C	
17133	ZM_0188_A2_E02	ZM_0188_A2_E02_T7C	
17134	ZM_0188_A2_E03	ZM_0188_A2_E03_T7C	
17135	ZM_0188_A2_E04	ZM_0188_A2_E04_T7C	
17136	ZM_0188_A2_E05	ZM_0188_A2_E05_T7C	
17137	ZM_0188_A2_E06	ZM_0188_A2_E06_T7C	
17138	ZM_0188_A2_E07	ZM_0188_A2_E07_T7C	
17139	ZM_0188_A2_E08	ZM_0188_A2_E08_T7C	
17140	ZM_0188_A2_E09	ZM_0188_A2_E09_T7C	
17141	ZM_0188_A2_E10	ZM_0188_A2_E10_T7C	
17142	ZM_0188_A2_E11	ZM_0188_A2_E11_T7C	
17143	ZM_0188_A2_E12	ZM_0188_A2_E12_T7C	
17144	ZM_0188_A2_F01	ZM_0188_A2_F01_T7C	
17145	ZM_0188_A2_F02	ZM_0188_A2_F02_T7C	
17146	ZM_0188_A2_F03	ZM_0188_A2_F03_T7C	
17147	ZM_0188_A2_F04	ZM_0188_A2_F04_T7C	
17148	ZM_0188_A2_F05	ZM_0188_A2_F05_T7C	
17149	ZM_0188_A2_F06	ZM_0188_A2_F06_T7C	
17150	ZM_0188_A2_F07	ZM_0188_A2_F07_T7C	
17151	ZM_0188_A2_F08	ZM_0188_A2_F08_T7C	
17152	ZM_0188_A2_F09	ZM_0188_A2_F09_T7C	
17153	ZM_0188_A2_F10	ZM_0188_A2_F10_T7C	
17154	ZM_0188_A2_F11	ZM_0188_A2_F11_T7C	
17155	ZM_0188_A2_G01	ZM_0188_A2_G01_T7C	
17156	ZM_0188_A2_G02	ZM_0188_A2_G02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17157	ZM_0188_A2_G03	ZM_0188_A2_G03_T7C	
17158	ZM_0188_A2_G05	ZM_0188_A2_G05_T7C	
17159	ZM_0188_A2_G06	ZM_0188_A2_G06_T7C	
17160	ZM_0188_A2_G07	ZM_0188_A2_G07_T7C	
17161	ZM_0188_A2_G08	ZM_0188_A2_G08_T7C	
17162	ZM_0188_A2_G09	ZM_0188_A2_G09_T7C	
17163	ZM_0188_A2_G10	ZM_0188_A2_G10_T7C	
17164	ZM_0188_A2_G11	ZM_0188_A2_G11_T7C	
17165	ZM_0188_A2_G12	ZM_0188_A2_G12_T7C	
17166	ZM_0188_A2_H01	ZM_0188_A2_H01_T7C	
17167	ZM_0188_A2_H02	ZM_0188_A2_H02_T7C	
17168	ZM_0188_A2_H03	ZM_0188_A2_H03_T7C	
17169	ZM_0188_A2_H04	ZM_0188_A2_H04_T7C	
17170	ZM_0188_A2_H06	ZM_0188_A2_H06_T7C	
17171	ZM_0188_A2_H07	ZM_0188_A2_H07_T7C	
17172	ZM_0188_A2_H08	ZM_0188_A2_H08_T7C	
17173	ZM_0188_A2_H09	ZM_0188_A2_H09_T7C	
17174	ZM_0188_A2_H10	ZM_0188_A2_H10_T7C	
17175	ZM_0188_A2_H11	ZM_0188_A2_H11_T7C	
17176	ZM_0188_A2_H12	ZM_0188_A2_H12_T7C	
17177	ZM_0188_B2_A02	ZM_0188_B2_A02_T7C	
17178	ZM_0188_B2_A03	ZM_0188_B2_A03_T7C	
17179	ZM_0188_B2_A04	ZM_0188_B2_A04_T7C	
17180	ZM_0188_B2_A05	ZM_0188_B2_A05_T7C	
17181	ZM_0188_B2_A06	ZM_0188_B2_A06_T7C	
17182	ZM_0188_B2_A07	ZM_0188_B2_A07_T7C	
17183	ZM_0188_B2_A08	ZM_0188_B2_A08_T7C	
17184	ZM_0188_B2_A09	ZM_0188_B2_A09_T7C	
17185	ZM_0188_B2_A10	ZM_0188_B2_A10_T7C	
17186	ZM_0188_B2_A11	ZM_0188_B2_A11_T7C	
17187	ZM_0188_B2_A12	ZM_0188_B2_A12_T7C	
17188	ZM_0188_B2_B01	ZM_0188_B2_B01_T7C	
17189	ZM_0188_B2_B02	ZM_0188_B2_B02_T7C	
17190	ZM_0188_B2_B03	ZM_0188_B2_B03_T7C	
17191	ZM_0188_B2_B04	ZM_0188_B2_B04_T7C	
17192	ZM_0188_B2_B05	ZM_0188_B2_B05_T7C	
17193	ZM_0188_B2_B06	ZM_0188_B2_B06_T7C	
17194	ZM_0188_B2_B08	ZM_0188_B2_B08_T7C	
17195	ZM_0188_B2_B09	ZM_0188_B2_B09_T7C	
17196	ZM_0188_B2_B10	ZM_0188_B2_B10_T7C	
17197	ZM_0188_B2_B11	ZM_0188_B2_B11_T7C	
17198	ZM_0188_B2_B12	ZM_0188_B2_B12_T7C	
17199	ZM_0188_B2_C01	ZM_0188_B2_C01_T7C	
17200	ZM_0188_B2_C02	ZM_0188_B2_C02_T7C	
17201	ZM_0188_B2_C03	ZM_0188_B2_C03_T7C	
17202	ZM_0188_B2_C04	ZM_0188_B2_C04_T7C	
17203	ZM_0188_B2_C05	ZM_0188_B2_C05_T7C	
17204	ZM_0188_B2_C06	ZM_0188_B2_C06_T7C	
17205	ZM_0188_B2_C07	ZM_0188_B2_C07_T7C	
17206	ZM_0188_B2_C08	ZM_0188_B2_C08_T7C	
17207	ZM_0188_B2_C09	ZM_0188_B2_C09_T7C	
17208	ZM_0188_B2_C10	ZM_0188_B2_C10_T7C	
17209	ZM_0188_B2_C11	ZM_0188_B2_C11_T7C	
17210	ZM_0188_B2_C12	ZM_0188_B2_C12_T7C	
17211	ZM_0188_B2_D02	ZM_0188_B2_D02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17212	ZM_0188_B2_D03	ZM_0188_B2_D03_T7C	
17213	ZM_0188_B2_D04	ZM_0188_B2_D04_T7C	
17214	ZM_0188_B2_D05	ZM_0188_B2_D05_T7C	
17215	ZM_0188_B2_D06	ZM_0188_B2_D06_T7C	
17216	ZM_0188_B2_D07	ZM_0188_B2_D07_T7C	
17217	ZM_0188_B2_D08	ZM_0188_B2_D08_T7C	
17218	ZM_0188_B2_D09	ZM_0188_B2_D09_T7C	
17219	ZM_0188_B2_D10	ZM_0188_B2_D10_T7C	
17220	ZM_0188_B2_D11	ZM_0188_B2_D11_T7C	
17221	ZM_0188_B2_D12	ZM_0188_B2_D12_T7C	
17222	ZM_0188_B2_E01	ZM_0188_B2_E01_T7C	
17223	ZM_0188_B2_E02	ZM_0188_B2_E02_T7C	
17224	ZM_0188_B2_E03	ZM_0188_B2_E03_T7C	
17225	ZM_0188_B2_E04	ZM_0188_B2_E04_T7C	
17226	ZM_0188_B2_E05	ZM_0188_B2_E05_T7C	
17227	ZM_0188_B2_E06	ZM_0188_B2_E06_T7C	
17228	ZM_0188_B2_E07	ZM_0188_B2_E07_T7C	
17229	ZM_0188_B2_E08	ZM_0188_B2_E08_T7C	
17230	ZM_0188_B2_E09	ZM_0188_B2_E09_T7C	
17231	ZM_0188_B2_E11	ZM_0188_B2_E11_T7C	
17232	ZM_0188_B2_F01	ZM_0188_B2_F01_T7C	
17233	ZM_0188_B2_F02	ZM_0188_B2_F02_T7C	
17234	ZM_0188_B2_F03	ZM_0188_B2_F03_T7C	
17235	ZM_0188_B2_F04	ZM_0188_B2_F04_T7C	
17236	ZM_0188_B2_F05	ZM_0188_B2_F05_T7C	
17237	ZM_0188_B2_F06	ZM_0188_B2_F06_T7C	
17238	ZM_0188_B2_F07	ZM_0188_B2_F07_T7C	
17239	ZM_0188_B2_F08	ZM_0188_B2_F08_T7C	
17240	ZM_0188_B2_F09	ZM_0188_B2_F09_T7C	
17241	ZM_0188_B2_F10	ZM_0188_B2_F10_T7C	
17242	ZM_0188_B2_F11	ZM_0188_B2_F11_T7C	
17243	ZM_0188_B2_F12	ZM_0188_B2_F12_T7C	
17244	ZM_0188_B2_G01	ZM_0188_B2_G01_T7C	
17245	ZM_0188_B2_G02	ZM_0188_B2_G02_T7C	
17246	ZM_0188_B2_G03	ZM_0188_B2_G03_T7C	
17247	ZM_0188_B2_G04	ZM_0188_B2_G04_T7C	
17248	ZM_0188_B2_G05	ZM_0188_B2_G05_T7C	
17249	ZM_0188_B2_G06	ZM_0188_B2_G06_T7C	
17250	ZM_0188_B2_G07	ZM_0188_B2_G07_T7C	
17251	ZM_0188_B2_G09	ZM_0188_B2_G09_T7C	
17252	ZM_0188_B2_G10	ZM_0188_B2_G10_T7C	
17253	ZM_0188_B2_G11	ZM_0188_B2_G11_T7C	
17254	ZM_0188_B2_G12	ZM_0188_B2_G12_T7C	
17255	ZM_0188_B2_H01	ZM_0188_B2_H01_T7C	
17256	ZM_0188_B2_H02	ZM_0188_B2_H02_T7C	
17257	ZM_0188_B2_H03	ZM_0188_B2_H03_T7C	
17258	ZM_0188_B2_H04	ZM_0188_B2_H04_T7C	
17259	ZM_0188_B2_H05	ZM_0188_B2_H05_T7C	
17260	ZM_0188_B2_H06	ZM_0188_B2_H06_T7C	
17261	ZM_0188_B2_H07	ZM_0188_B2_H07_T7C	
17262	ZM_0188_B2_H08	ZM_0188_B2_H08_T7C	
17263	ZM_0188_B2_H09	ZM_0188_B2_H09_T7C	
17264	ZM_0188_B2_H11	ZM_0188_B2_H11_T7C	
17265	ZM_0188_B2_H12	ZM_0188_B2_H12_T7C	
17266	ZM_0189_A1_A01	ZM_0189_A1_A01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17267	ZM_0189_A1_A02	ZM_0189_A1_A02_T7C	
17268	ZM_0189_A1_A04		ZM_0189_A1_A04_MR
17269	ZM_0189_A1_A05		ZM_0189_A1_A05_MR
17270	ZM_0189_A1_A06	ZM_0189_A1_A06_T7C	
17271	ZM_0189_A1_A06		ZM_0189_A1_A06_MR
17272	ZM_0189_A1_A07	ZM_0189_A1_A07_T7C	
17273	ZM_0189_A1_A08	ZM_0189_A1_A08_T7C	
17274	ZM_0189_A1_A08		ZM_0189_A1_A08_MR
17275	ZM_0189_A1_A09	ZM_0189_A1_A09_T7C	
17276	ZM_0189_A1_A09		ZM_0189_A1_A09_MR
17277	ZM_0189_A1_A12	ZM_0189_A1_A12_T7C	
17278	ZM_0189_A1_B02	ZM_0189_A1_B02_T7C	
17279	ZM_0189_A1_B02		ZM_0189_A1_B02_MR
17280	ZM_0189_A1_B03	ZM_0189_A1_B03_T7C	
17281	ZM_0189_A1_B03		ZM_0189_A1_B03_MR
17282	ZM_0189_A1_B05		ZM_0189_A1_B05_MR
17283	ZM_0189_A1_B06	ZM_0189_A1_B06_T7C	
17284	ZM_0189_A1_B06		ZM_0189_A1_B06_MR
17285	ZM_0189_A1_B07		ZM_0189_A1_B07_MR
17286	ZM_0189_A1_B08	ZM_0189_A1_B08_T7C	
17287	ZM_0189_A1_B08		ZM_0189_A1_B08_MR
17288	ZM_0189_A1_B09	ZM_0189_A1_B09_T7C	
17289	ZM_0189_A1_B09		ZM_0189_A1_B09_MR
17290	ZM_0189_A1_B10	ZM_0189_A1_B10_T7C	
17291	ZM_0189_A1_B10		ZM_0189_A1_B10_MR
17292	ZM_0189_A1_B11	ZM_0189_A1_B11_T7C	
17293	ZM_0189_A1_B11		ZM_0189_A1_B11_MR
17294	ZM_0189_A1_B12	ZM_0189_A1_B12_T7C	
17295	ZM_0189_A1_B12		ZM_0189_A1_B12_MR
17296	ZM_0189_A1_C03	ZM_0189_A1_C03_T7C	
17297	ZM_0189_A1_C03		ZM_0189_A1_C03_MR
17298	ZM_0189_A1_C04	ZM_0189_A1_C04_T7C	
17299	ZM_0189_A1_C04		ZM_0189_A1_C04_MR
17300	ZM_0189_A1_C05	ZM_0189_A1_C05_T7C	
17301	ZM_0189_A1_C05		ZM_0189_A1_C05_MR
17302	ZM_0189_A1_C08	ZM_0189_A1_C08_T7C	
17303	ZM_0189_A1_C08		ZM_0189_A1_C08_MR
17304	ZM_0189_A1_C09	ZM_0189_A1_C09_T7C	
17305	ZM_0189_A1_C09		ZM_0189_A1_C09_MR
17306	ZM_0189_A1_C10	ZM_0189_A1_C10_T7C	
17307	ZM_0189_A1_C11	ZM_0189_A1_C11_T7C	
17308	ZM_0189_A1_C11		ZM_0189_A1_C11_MR
17309	ZM_0189_A1_C12	ZM_0189_A1_C12_T7C	
17310	ZM_0189_A1_D01		ZM_0189_A1_D01_MR
17311	ZM_0189_A1_D03	ZM_0189_A1_D03_T7C	
17312	ZM_0189_A1_D04	ZM_0189_A1_D04_T7C	
17313	ZM_0189_A1_D04		ZM_0189_A1_D04_MR
17314	ZM_0189_A1_D06	ZM_0189_A1_D06_T7C	
17315	ZM_0189_A1_D07	ZM_0189_A1_D07_T7C	
17316	ZM_0189_A1_D08	ZM_0189_A1_D08_T7C	
17317	ZM_0189_A1_D08		ZM_0189_A1_D08_MR
17318	ZM_0189_A1_D10	ZM_0189_A1_D10_T7C	
17319	ZM_0189_A1_D10		ZM_0189_A1_D10_MR
17320	ZM_0189_A1_D11	ZM_0189_A1_D11_T7C	
17321	ZM_0189_A1_D11		ZM_0189_A1_D11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17322	ZM_0189_A1_D12	ZM_0189_A1_D12_T7C	
17323	ZM_0189_A1_D12		ZM_0189_A1_D12_MR
17324	ZM_0189_A1_E03		ZM_0189_A1_E03_MR
17325	ZM_0189_A1_E04		ZM_0189_A1_E04_MR
17326	ZM_0189_A1_E05		ZM_0189_A1_E05_MR
17327	ZM_0189_A1_E06	ZM_0189_A1_E06_T7C	
17328	ZM_0189_A1_E06		ZM_0189_A1_E06_MR
17329	ZM_0189_A1_E07	ZM_0189_A1_E07_T7C	
17330	ZM_0189_A1_E07		ZM_0189_A1_E07_MR
17331	ZM_0189_A1_E08	ZM_0189_A1_E08_T7C	
17332	ZM_0189_A1_E08		ZM_0189_A1_E08_MR
17333	ZM_0189_A1_E09	ZM_0189_A1_E09_T7C	
17334	ZM_0189_A1_E10	ZM_0189_A1_E10_T7C	
17335	ZM_0189_A1_E10		ZM_0189_A1_E10_MR
17336	ZM_0189_A1_E11	ZM_0189_A1_E11_T7C	
17337	ZM_0189_A1_E11		ZM_0189_A1_E11_MR
17338	ZM_0189_A1_E12	ZM_0189_A1_E12_T7C	
17339	ZM_0189_A1_E12		ZM_0189_A1_E12_MR
17340	ZM_0189_A1_F03		ZM_0189_A1_F03_MR
17341	ZM_0189_A1_F06	ZM_0189_A1_F06_T7C	
17342	ZM_0189_A1_F06		ZM_0189_A1_F06_MR
17343	ZM_0189_A1_F07	ZM_0189_A1_F07_T7C	
17344	ZM_0189_A1_F07		ZM_0189_A1_F07_MR
17345	ZM_0189_A1_F08	ZM_0189_A1_F08_T7C	
17346	ZM_0189_A1_F09	ZM_0189_A1_F09_T7C	
17347	ZM_0189_A1_F09		ZM_0189_A1_F09_MR
17348	ZM_0189_A1_F12	ZM_0189_A1_F12_T7C	
17349	ZM_0189_A1_F12		ZM_0189_A1_F12_MR
17350	ZM_0189_A1_G01	ZM_0189_A1_G01_T7C	
17351	ZM_0189_A1_G01		ZM_0189_A1_G01_MR
17352	ZM_0189_A1_G02	ZM_0189_A1_G02_T7C	
17353	ZM_0189_A1_G03		ZM_0189_A1_G03_MR
17354	ZM_0189_A1_G04		ZM_0189_A1_G04_MR
17355	ZM_0189_A1_G07	ZM_0189_A1_G07_T7C	
17356	ZM_0189_A1_G07		ZM_0189_A1_G07_MR
17357	ZM_0189_A1_G08		ZM_0189_A1_G08_MR
17358	ZM_0189_A1_G09	ZM_0189_A1_G09_T7C	
17359	ZM_0189_A1_G10	ZM_0189_A1_G10_T7C	
17360	ZM_0189_A1_G11	ZM_0189_A1_G11_T7C	
17361	ZM_0189_A1_G12	ZM_0189_A1_G12_T7C	
17362	ZM_0189_A1_G12		ZM_0189_A1_G12_MR
17363	ZM_0189_A1_H01	ZM_0189_A1_H01_T7C	
17364	ZM_0189_A1_H02		ZM_0189_A1_H02_MR
17365	ZM_0189_A1_H03		ZM_0189_A1_H03_MR
17366	ZM_0189_A1_H04	ZM_0189_A1_H04_T7C	
17367	ZM_0189_A1_H04		ZM_0189_A1_H04_MR
17368	ZM_0189_A1_H07		ZM_0189_A1_H07_MR
17369	ZM_0189_A1_H08		ZM_0189_A1_H08_MR
17370	ZM_0189_A1_H09		ZM_0189_A1_H09_MR
17371	ZM_0189_A1_H10	ZM_0189_A1_H10_T7C	
17372	ZM_0189_A1_H10		ZM_0189_A1_H10_MR
17373	ZM_0189_A1_H11	ZM_0189_A1_H11_T7C	
17374	ZM_0189_A1_H11		ZM_0189_A1_H11_MR
17375	ZM_0189_A2_A01	ZM_0189_A2_A01_T7C	
17376	ZM_0189_A2_A03	ZM_0189_A2_A03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17377	ZM_0189_A2_A04	ZM_0189_A2_A04_T7C	
17378	ZM_0189_A2_A05	ZM_0189_A2_A05_T7C	
17379	ZM_0189_A2_A06	ZM_0189_A2_A06_T7C	
17380	ZM_0189_A2_A07	ZM_0189_A2_A07_T7C	
17381	ZM_0189_A2_A08	ZM_0189_A2_A08_T7C	
17382	ZM_0189_A2_A09	ZM_0189_A2_A09_T7C	
17383	ZM_0189_A2_A10	ZM_0189_A2_A10_T7C	
17384	ZM_0189_A2_A11	ZM_0189_A2_A11_T7C	
17385	ZM_0189_A2_B01	ZM_0189_A2_B01_T7C	
17386	ZM_0189_A2_B03	ZM_0189_A2_B03_T7C	
17387	ZM_0189_A2_B04	ZM_0189_A2_B04_T7C	
17388	ZM_0189_A2_B05	ZM_0189_A2_B05_T7C	
17389	ZM_0189_A2_B06	ZM_0189_A2_B06_T7C	
17390	ZM_0189_A2_B07	ZM_0189_A2_B07_T7C	
17391	ZM_0189_A2_B08	ZM_0189_A2_B08_T7C	
17392	ZM_0189_A2_B09	ZM_0189_A2_B09_T7C	
17393	ZM_0189_A2_B10	ZM_0189_A2_B10_T7C	
17394	ZM_0189_A2_B11	ZM_0189_A2_B11_T7C	
17395	ZM_0189_A2_B12	ZM_0189_A2_B12_T7C	
17396	ZM_0189_A2_C01	ZM_0189_A2_C01_T7C	
17397	ZM_0189_A2_C03	ZM_0189_A2_C03_T7C	
17398	ZM_0189_A2_C04	ZM_0189_A2_C04_T7C	
17399	ZM_0189_A2_C05	ZM_0189_A2_C05_T7C	
17400	ZM_0189_A2_C06	ZM_0189_A2_C06_T7C	
17401	ZM_0189_A2_C07	ZM_0189_A2_C07_T7C	
17402	ZM_0189_A2_C08	ZM_0189_A2_C08_T7C	
17403	ZM_0189_A2_C09	ZM_0189_A2_C09_T7C	
17404	ZM_0189_A2_C10	ZM_0189_A2_C10_T7C	
17405	ZM_0189_A2_C11	ZM_0189_A2_C11_T7C	
17406	ZM_0189_A2_C12	ZM_0189_A2_C12_T7C	
17407	ZM_0189_A2_D01	ZM_0189_A2_D01_T7C	
17408	ZM_0189_A2_D03	ZM_0189_A2_D03_T7C	
17409	ZM_0189_A2_D04	ZM_0189_A2_D04_T7C	
17410	ZM_0189_A2_D05	ZM_0189_A2_D05_T7C	
17411	ZM_0189_A2_D06	ZM_0189_A2_D06_T7C	
17412	ZM_0189_A2_D07	ZM_0189_A2_D07_T7C	
17413	ZM_0189_A2_D08	ZM_0189_A2_D08_T7C	
17414	ZM_0189_A2_D09	ZM_0189_A2_D09_T7C	
17415	ZM_0189_A2_D10	ZM_0189_A2_D10_T7C	
17416	ZM_0189_A2_D11	ZM_0189_A2_D11_T7C	
17417	ZM_0189_A2_D12	ZM_0189_A2_D12_T7C	
17418	ZM_0189_A2_E01	ZM_0189_A2_E01_T7C	
17419	ZM_0189_A2_E02	ZM_0189_A2_E02_T7C	
17420	ZM_0189_A2_E03	ZM_0189_A2_E03_T7C	
17421	ZM_0189_A2_E04	ZM_0189_A2_E04_T7C	
17422	ZM_0189_A2_E05	ZM_0189_A2_E05_T7C	
17423	ZM_0189_A2_E07	ZM_0189_A2_E07_T7C	
17424	ZM_0189_A2_E08	ZM_0189_A2_E08_T7C	
17425	ZM_0189_A2_E11	ZM_0189_A2_E11_T7C	
17426	ZM_0189_A2_F03	ZM_0189_A2_F03_T7C	
17427	ZM_0189_A2_F04	ZM_0189_A2_F04_T7C	
17428	ZM_0189_A2_F05	ZM_0189_A2_F05_T7C	
17429	ZM_0189_A2_F06	ZM_0189_A2_F06_T7C	
17430	ZM_0189_A2_F07	ZM_0189_A2_F07_T7C	
17431	ZM_0189_A2_F08	ZM_0189_A2_F08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17432	ZM_0189_A2_F09	ZM_0189_A2_F09_T7C	
17433	ZM_0189_A2_F10	ZM_0189_A2_F10_T7C	
17434	ZM_0189_A2_F11	ZM_0189_A2_F11_T7C	
17435	ZM_0189_A2_F12	ZM_0189_A2_F12_T7C	
17436	ZM_0189_A2_G02	ZM_0189_A2_G02_T7C	
17437	ZM_0189_A2_G03	ZM_0189_A2_G03_T7C	
17438	ZM_0189_A2_G04	ZM_0189_A2_G04_T7C	
17439	ZM_0189_A2_G05	ZM_0189_A2_G05_T7C	
17440	ZM_0189_A2_G06	ZM_0189_A2_G06_T7C	
17441	ZM_0189_A2_G07	ZM_0189_A2_G07_T7C	
17442	ZM_0189_A2_G08	ZM_0189_A2_G08_T7C	
17443	ZM_0189_A2_G09	ZM_0189_A2_G09_T7C	
17444	ZM_0189_A2_G10	ZM_0189_A2_G10_T7C	
17445	ZM_0189_A2_G11	ZM_0189_A2_G11_T7C	
17446	ZM_0189_A2_G12	ZM_0189_A2_G12_T7C	
17447	ZM_0189_A2_H03	ZM_0189_A2_H03_T7C	
17448	ZM_0189_A2_H04	ZM_0189_A2_H04_T7C	
17449	ZM_0189_A2_H05	ZM_0189_A2_H05_T7C	
17450	ZM_0189_A2_H06	ZM_0189_A2_H06_T7C	
17451	ZM_0189_A2_H07	ZM_0189_A2_H07_T7C	
17452	ZM_0189_A2_H08	ZM_0189_A2_H08_T7C	
17453	ZM_0189_A2_H09	ZM_0189_A2_H09_T7C	
17454	ZM_0189_A2_H10	ZM_0189_A2_H10_T7C	
17455	ZM_0189_A2_H11	ZM_0189_A2_H11_T7C	
17456	ZM_0189_B1_A01	ZM_0189_B1_A01_T7C	
17457	ZM_0189_B1_A02	ZM_0189_B1_A02_T7C	
17458	ZM_0189_B1_A03	ZM_0189_B1_A03_T7C	
17459	ZM_0189_B1_A04	ZM_0189_B1_A04_T7C	
17460	ZM_0189_B1_A05	ZM_0189_B1_A05_T7C	
17461	ZM_0189_B1_A05		ZM_0189_B1_A05_MR
17462	ZM_0189_B1_A06	ZM_0189_B1_A06_T7C	
17463	ZM_0189_B1_A07	ZM_0189_B1_A07_T7C	
17464	ZM_0189_B1_A09	ZM_0189_B1_A09_T7C	
17465	ZM_0189_B1_A10	ZM_0189_B1_A10_T7C	
17466	ZM_0189_B1_A11	ZM_0189_B1_A11_T7C	
17467	ZM_0189_B1_A12	ZM_0189_B1_A12_T7C	
17468	ZM_0189_B1_B01	ZM_0189_B1_B01_T7C	
17469	ZM_0189_B1_B01		ZM_0189_B1_B01_MR
17470	ZM_0189_B1_B02		ZM_0189_B1_B02_MR
17471	ZM_0189_B1_B03	ZM_0189_B1_B03_T7C	
17472	ZM_0189_B1_B04	ZM_0189_B1_B04_T7C	
17473	ZM_0189_B1_B06	ZM_0189_B1_B06_T7C	
17474	ZM_0189_B1_B06		ZM_0189_B1_B06_MR
17475	ZM_0189_B1_B07	ZM_0189_B1_B07_T7C	
17476	ZM_0189_B1_B07		ZM_0189_B1_B07_MR
17477	ZM_0189_B1_B09	ZM_0189_B1_B09_T7C	
17478	ZM_0189_B1_B10	ZM_0189_B1_B10_T7C	
17479	ZM_0189_B1_B10		ZM_0189_B1_B10_MR
17480	ZM_0189_B1_B11	ZM_0189_B1_B11_T7C	
17481	ZM_0189_B1_B11		ZM_0189_B1_B11_MR
17482	ZM_0189_B1_B12	ZM_0189_B1_B12_T7C	
17483	ZM_0189_B1_C01	ZM_0189_B1_C01_T7C	
17484	ZM_0189_B1_C02	ZM_0189_B1_C02_T7C	
17485	ZM_0189_B1_C03	ZM_0189_B1_C03_T7C	
17486	ZM_0189_B1_C04	ZM_0189_B1_C04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17487	ZM_0189_B1_C05	ZM_0189_B1_C05_T7C	
17488	ZM_0189_B1_C06	ZM_0189_B1_C06_T7C	
17489	ZM_0189_B1_C06		ZM_0189_B1_C06_MR
17490	ZM_0189_B1_C07	ZM_0189_B1_C07_T7C	
17491	ZM_0189_B1_C07		ZM_0189_B1_C07_MR
17492	ZM_0189_B1_C08	ZM_0189_B1_C08_T7C	
17493	ZM_0189_B1_C09	ZM_0189_B1_C09_T7C	
17494	ZM_0189_B1_C10	ZM_0189_B1_C10_T7C	
17495	ZM_0189_B1_C11	ZM_0189_B1_C11_T7C	
17496	ZM_0189_B1_C11		ZM_0189_B1_C11_MR
17497	ZM_0189_B1_C12	ZM_0189_B1_C12_T7C	
17498	ZM_0189_B1_D01	ZM_0189_B1_D01_T7C	
17499	ZM_0189_B1_D02		ZM_0189_B1_D02_MR
17500	ZM_0189_B1_D03	ZM_0189_B1_D03_T7C	
17501	ZM_0189_B1_D04	ZM_0189_B1_D04_T7C	
17502	ZM_0189_B1_D05	ZM_0189_B1_D05_T7C	
17503	ZM_0189_B1_D06	ZM_0189_B1_D06_T7C	
17504	ZM_0189_B1_D06		ZM_0189_B1_D06_MR
17505	ZM_0189_B1_D07	ZM_0189_B1_D07_T7C	
17506	ZM_0189_B1_D08	ZM_0189_B1_D08_T7C	
17507	ZM_0189_B1_D09	ZM_0189_B1_D09_T7C	
17508	ZM_0189_B1_D10	ZM_0189_B1_D10_T7C	
17509	ZM_0189_B1_D12	ZM_0189_B1_D12_T7C	
17510	ZM_0189_B1_E01	ZM_0189_B1_E01_T7C	
17511	ZM_0189_B1_E02	ZM_0189_B1_E02_T7C	
17512	ZM_0189_B1_E02		ZM_0189_B1_E02_MR
17513	ZM_0189_B1_E03	ZM_0189_B1_E03_T7C	
17514	ZM_0189_B1_E04	ZM_0189_B1_E04_T7C	
17515	ZM_0189_B1_E05	ZM_0189_B1_E05_T7C	
17516	ZM_0189_B1_E05		ZM_0189_B1_E05_MR
17517	ZM_0189_B1_E06	ZM_0189_B1_E06_T7C	
17518	ZM_0189_B1_E07	ZM_0189_B1_E07_T7C	
17519	ZM_0189_B1_E08	ZM_0189_B1_E08_T7C	
17520	ZM_0189_B1_E09	ZM_0189_B1_E09_T7C	
17521	ZM_0189_B1_E10	ZM_0189_B1_E10_T7C	
17522	ZM_0189_B1_E11	ZM_0189_B1_E11_T7C	
17523	ZM_0189_B1_E12	ZM_0189_B1_E12_T7C	
17524	ZM_0189_B1_F01	ZM_0189_B1_F01_T7C	
17525	ZM_0189_B1_F02	ZM_0189_B1_F02_T7C	
17526	ZM_0189_B1_F03	ZM_0189_B1_F03_T7C	
17527	ZM_0189_B1_F04	ZM_0189_B1_F04_T7C	
17528	ZM_0189_B1_F05	ZM_0189_B1_F05_T7C	
17529	ZM_0189_B1_F06	ZM_0189_B1_F06_T7C	
17530	ZM_0189_B1_F07	ZM_0189_B1_F07_T7C	
17531	ZM_0189_B1_F08	ZM_0189_B1_F08_T7C	
17532	ZM_0189_B1_F09	ZM_0189_B1_F09_T7C	
17533	ZM_0189_B1_F10	ZM_0189_B1_F10_T7C	
17534	ZM_0189_B1_F11	ZM_0189_B1_F11_T7C	
17535	ZM_0189_B1_F12	ZM_0189_B1_F12_T7C	
17536	ZM_0189_B1_G01	ZM_0189_B1_G01_T7C	
17537	ZM_0189_B1_G02	ZM_0189_B1_G02_T7C	
17538	ZM_0189_B1_G03	ZM_0189_B1_G03_T7C	
17539	ZM_0189_B1_G04	ZM_0189_B1_G04_T7C	
17540	ZM_0189_B1_G05	ZM_0189_B1_G05_T7C	
17541	ZM_0189_B1_G06	ZM_0189_B1_G06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17542	ZM_0189_B1_G07	ZM_0189_B1_G07_T7C	
17543	ZM_0189_B1_G08	ZM_0189_B1_G08_T7C	
17544	ZM_0189_B1_G09	ZM_0189_B1_G09_T7C	
17545	ZM_0189_B1_G10	ZM_0189_B1_G10_T7C	
17546	ZM_0189_B1_G11	ZM_0189_B1_G11_T7C	
17547	ZM_0189_B1_G12	ZM_0189_B1_G12_T7C	
17548	ZM_0189_B1_G12		ZM_0189_B1_G12_MR
17549	ZM_0189_B1_H01	ZM_0189_B1_H01_T7C	
17550	ZM_0189_B1_H02	ZM_0189_B1_H02_T7C	
17551	ZM_0189_B1_H03	ZM_0189_B1_H03_T7C	
17552	ZM_0189_B1_H03		ZM_0189_B1_H03_MR
17553	ZM_0189_B1_H04	ZM_0189_B1_H04_T7C	
17554	ZM_0189_B1_H04		ZM_0189_B1_H04_MR
17555	ZM_0189_B1_H05	ZM_0189_B1_H05_T7C	
17556	ZM_0189_B1_H06	ZM_0189_B1_H06_T7C	
17557	ZM_0189_B1_H07	ZM_0189_B1_H07_T7C	
17558	ZM_0189_B1_H08	ZM_0189_B1_H08_T7C	
17559	ZM_0189_B1_H08		ZM_0189_B1_H08_MR
17560	ZM_0189_B1_H09	ZM_0189_B1_H09_T7C	
17561	ZM_0189_B1_H10	ZM_0189_B1_H10_T7C	
17562	ZM_0189_B1_H11	ZM_0189_B1_H11_T7C	
17563	ZM_0189_B1_H12	ZM_0189_B1_H12_T7C	
17564	ZM_0189_B1_H12		ZM_0189_B1_H12_MR
17565	ZM_0189_B2_A01	ZM_0189_B2_A01_T7C	
17566	ZM_0189_B2_A01		ZM_0189_B2_A01_MR
17567	ZM_0189_B2_A02	ZM_0189_B2_A02_T7C	
17568	ZM_0189_B2_A02		ZM_0189_B2_A02_MR
17569	ZM_0189_B2_A03		ZM_0189_B2_A03_MR
17570	ZM_0189_B2_A04	ZM_0189_B2_A04_T7C	
17571	ZM_0189_B2_A04		ZM_0189_B2_A04_MR
17572	ZM_0189_B2_A05	ZM_0189_B2_A05_T7C	
17573	ZM_0189_B2_A05		ZM_0189_B2_A05_MR
17574	ZM_0189_B2_A06	ZM_0189_B2_A06_T7C	
17575	ZM_0189_B2_A06		ZM_0189_B2_A06_MR
17576	ZM_0189_B2_A07	ZM_0189_B2_A07_T7C	
17577	ZM_0189_B2_A07		ZM_0189_B2_A07_MR
17578	ZM_0189_B2_A08	ZM_0189_B2_A08_T7C	
17579	ZM_0189_B2_A08		ZM_0189_B2_A08_MR
17580	ZM_0189_B2_A09	ZM_0189_B2_A09_T7C	
17581	ZM_0189_B2_A10	ZM_0189_B2_A10_T7C	
17582	ZM_0189_B2_A10		ZM_0189_B2_A10_MR
17583	ZM_0189_B2_A11	ZM_0189_B2_A11_T7C	
17584	ZM_0189_B2_A11		ZM_0189_B2_A11_MR
17585	ZM_0189_B2_A12	ZM_0189_B2_A12_T7C	
17586	ZM_0189_B2_A12		ZM_0189_B2_A12_MR
17587	ZM_0189_B2_B01	ZM_0189_B2_B01_T7C	
17588	ZM_0189_B2_B02	ZM_0189_B2_B02_T7C	
17589	ZM_0189_B2_B02		ZM_0189_B2_B02_MR
17590	ZM_0189_B2_B03	ZM_0189_B2_B03_T7C	
17591	ZM_0189_B2_B03		ZM_0189_B2_B03_MR
17592	ZM_0189_B2_B04	ZM_0189_B2_B04_T7C	
17593	ZM_0189_B2_B04		ZM_0189_B2_B04_MR
17594	ZM_0189_B2_B05	ZM_0189_B2_B05_T7C	
17595	ZM_0189_B2_B05		ZM_0189_B2_B05_MR
17596	ZM_0189_B2_B06	ZM_0189_B2_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17597	ZM_0189_B2_B06		ZM_0189_B2_B06_MR
17598	ZM_0189_B2_B07	ZM_0189_B2_B07_T7C	
17599	ZM_0189_B2_B07		ZM_0189_B2_B07_MR
17600	ZM_0189_B2_B08	ZM_0189_B2_B08_T7C	
17601	ZM_0189_B2_B08		ZM_0189_B2_B08_MR
17602	ZM_0189_B2_B09	ZM_0189_B2_B09_T7C	
17603	ZM_0189_B2_B09		ZM_0189_B2_B09_MR
17604	ZM_0189_B2_B10	ZM_0189_B2_B10_T7C	
17605	ZM_0189_B2_B10		ZM_0189_B2_B10_MR
17606	ZM_0189_B2_B11	ZM_0189_B2_B11_T7C	
17607	ZM_0189_B2_B11		ZM_0189_B2_B11_MR
17608	ZM_0189_B2_B12	ZM_0189_B2_B12_T7C	
17609	ZM_0189_B2_B12		ZM_0189_B2_B12_MR
17610	ZM_0189_B2_C01	ZM_0189_B2_C01_T7C	
17611	ZM_0189_B2_C01		ZM_0189_B2_C01_MR
17612	ZM_0189_B2_C02	ZM_0189_B2_C02_T7C	
17613	ZM_0189_B2_C02		ZM_0189_B2_C02_MR
17614	ZM_0189_B2_C03	ZM_0189_B2_C03_T7C	
17615	ZM_0189_B2_C03		ZM_0189_B2_C03_MR
17616	ZM_0189_B2_C04	ZM_0189_B2_C04_T7C	
17617	ZM_0189_B2_C04		ZM_0189_B2_C04_MR
17618	ZM_0189_B2_C05	ZM_0189_B2_C05_T7C	
17619	ZM_0189_B2_C05		ZM_0189_B2_C05_MR
17620	ZM_0189_B2_C06	ZM_0189_B2_C06_T7C	
17621	ZM_0189_B2_C06		ZM_0189_B2_C06_MR
17622	ZM_0189_B2_C07	ZM_0189_B2_C07_T7C	
17623	ZM_0189_B2_C07		ZM_0189_B2_C07_MR
17624	ZM_0189_B2_C08	ZM_0189_B2_C08_T7C	
17625	ZM_0189_B2_C08		ZM_0189_B2_C08_MR
17626	ZM_0189_B2_C09	ZM_0189_B2_C09_T7C	
17627	ZM_0189_B2_C09		ZM_0189_B2_C09_MR
17628	ZM_0189_B2_C10	ZM_0189_B2_C10_T7C	
17629	ZM_0189_B2_C10		ZM_0189_B2_C10_MR
17630	ZM_0189_B2_C11	ZM_0189_B2_C11_T7C	
17631	ZM_0189_B2_C11		ZM_0189_B2_C11_MR
17632	ZM_0189_B2_C12	ZM_0189_B2_C12_T7C	
17633	ZM_0189_B2_C12		ZM_0189_B2_C12_MR
17634	ZM_0189_B2_D01	ZM_0189_B2_D01_T7C	
17635	ZM_0189_B2_D02	ZM_0189_B2_D02_T7C	
17636	ZM_0189_B2_D03	ZM_0189_B2_D03_T7C	
17637	ZM_0189_B2_D04	ZM_0189_B2_D04_T7C	
17638	ZM_0189_B2_D04		ZM_0189_B2_D04_MR
17639	ZM_0189_B2_D05	ZM_0189_B2_D05_T7C	
17640	ZM_0189_B2_D05		ZM_0189_B2_D05_MR
17641	ZM_0189_B2_D07	ZM_0189_B2_D07_T7C	
17642	ZM_0189_B2_D07		ZM_0189_B2_D07_MR
17643	ZM_0189_B2_D08	ZM_0189_B2_D08_T7C	
17644	ZM_0189_B2_D08		ZM_0189_B2_D08_MR
17645	ZM_0189_B2_D09	ZM_0189_B2_D09_T7C	
17646	ZM_0189_B2_D09		ZM_0189_B2_D09_MR
17647	ZM_0189_B2_D10	ZM_0189_B2_D10_T7C	
17648	ZM_0189_B2_D10		ZM_0189_B2_D10_MR
17649	ZM_0189_B2_D11	ZM_0189_B2_D11_T7C	
17650	ZM_0189_B2_D11		ZM_0189_B2_D11_MR
17651	ZM_0189_B2_D12	ZM_0189_B2_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17652	ZM_0189_B2_D12		ZM_0189_B2_D12_MR
17653	ZM_0189_B2_E01	ZM_0189_B2_E01_T7C	
17654	ZM_0189_B2_E01		ZM_0189_B2_E01_MR
17655	ZM_0189_B2_E02		ZM_0189_B2_E02_MR
17656	ZM_0189_B2_E03	ZM_0189_B2_E03_T7C	
17657	ZM_0189_B2_E03		ZM_0189_B2_E03_MR
17658	ZM_0189_B2_E04	ZM_0189_B2_E04_T7C	
17659	ZM_0189_B2_E04		ZM_0189_B2_E04_MR
17660	ZM_0189_B2_E05	ZM_0189_B2_E05_T7C	
17661	ZM_0189_B2_E05		ZM_0189_B2_E05_MR
17662	ZM_0189_B2_E06	ZM_0189_B2_E06_T7C	
17663	ZM_0189_B2_E06		ZM_0189_B2_E06_MR
17664	ZM_0189_B2_E07	ZM_0189_B2_E07_T7C	
17665	ZM_0189_B2_E07		ZM_0189_B2_E07_MR
17666	ZM_0189_B2_E08	ZM_0189_B2_E08_T7C	
17667	ZM_0189_B2_E08		ZM_0189_B2_E08_MR
17668	ZM_0189_B2_E09	ZM_0189_B2_E09_T7C	
17669	ZM_0189_B2_E09		ZM_0189_B2_E09_MR
17670	ZM_0189_B2_E10	ZM_0189_B2_E10_T7C	
17671	ZM_0189_B2_E10		ZM_0189_B2_E10_MR
17672	ZM_0189_B2_E11	ZM_0189_B2_E11_T7C	
17673	ZM_0189_B2_E11		ZM_0189_B2_E11_MR
17674	ZM_0189_B2_E12	ZM_0189_B2_E12_T7C	
17675	ZM_0189_B2_E12		ZM_0189_B2_E12_MR
17676	ZM_0189_B2_F01	ZM_0189_B2_F01_T7C	
17677	ZM_0189_B2_F02	ZM_0189_B2_F02_T7C	
17678	ZM_0189_B2_F02		ZM_0189_B2_F02_MR
17679	ZM_0189_B2_F03	ZM_0189_B2_F03_T7C	
17680	ZM_0189_B2_F03		ZM_0189_B2_F03_MR
17681	ZM_0189_B2_F04	ZM_0189_B2_F04_T7C	
17682	ZM_0189_B2_F04		ZM_0189_B2_F04_MR
17683	ZM_0189_B2_F05		ZM_0189_B2_F05_MR
17684	ZM_0189_B2_F07	ZM_0189_B2_F07_T7C	
17685	ZM_0189_B2_F07		ZM_0189_B2_F07_MR
17686	ZM_0189_B2_F08	ZM_0189_B2_F08_T7C	
17687	ZM_0189_B2_F08		ZM_0189_B2_F08_MR
17688	ZM_0189_B2_F09	ZM_0189_B2_F09_T7C	
17689	ZM_0189_B2_F09		ZM_0189_B2_F09_MR
17690	ZM_0189_B2_F10	ZM_0189_B2_F10_T7C	
17691	ZM_0189_B2_F10		ZM_0189_B2_F10_MR
17692	ZM_0189_B2_F11	ZM_0189_B2_F11_T7C	
17693	ZM_0189_B2_F11		ZM_0189_B2_F11_MR
17694	ZM_0189_B2_F12	ZM_0189_B2_F12_T7C	
17695	ZM_0189_B2_F12		ZM_0189_B2_F12_MR
17696	ZM_0189_B2_G01	ZM_0189_B2_G01_T7C	
17697	ZM_0189_B2_G01		ZM_0189_B2_G01_MR
17698	ZM_0189_B2_G03		ZM_0189_B2_G03_MR
17699	ZM_0189_B2_G04	ZM_0189_B2_G04_T7C	
17700	ZM_0189_B2_G04		ZM_0189_B2_G04_MR
17701	ZM_0189_B2_G05	ZM_0189_B2_G05_T7C	
17702	ZM_0189_B2_G05		ZM_0189_B2_G05_MR
17703	ZM_0189_B2_G06	ZM_0189_B2_G06_T7C	
17704	ZM_0189_B2_G07	ZM_0189_B2_G07_T7C	
17705	ZM_0189_B2_G07		ZM_0189_B2_G07_MR
17706	ZM_0189_B2_G08	ZM_0189_B2_G08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17707	ZM_0189_B2_G08		ZM_0189_B2_G08_MR
17708	ZM_0189_B2_G09	ZM_0189_B2_G09_T7C	
17709	ZM_0189_B2_G09		ZM_0189_B2_G09_MR
17710	ZM_0189_B2_G10	ZM_0189_B2_G10_T7C	
17711	ZM_0189_B2_G10		ZM_0189_B2_G10_MR
17712	ZM_0189_B2_G11	ZM_0189_B2_G11_T7C	
17713	ZM_0189_B2_G11		ZM_0189_B2_G11_MR
17714	ZM_0189_B2_G12		ZM_0189_B2_G12_MR
17715	ZM_0189_B2_H01	ZM_0189_B2_H01_T7C	
17716	ZM_0189_B2_H01		ZM_0189_B2_H01_MR
17717	ZM_0189_B2_H02	ZM_0189_B2_H02_T7C	
17718	ZM_0189_B2_H02		ZM_0189_B2_H02_MR
17719	ZM_0189_B2_H03	ZM_0189_B2_H03_T7C	
17720	ZM_0189_B2_H03		ZM_0189_B2_H03_MR
17721	ZM_0189_B2_H04	ZM_0189_B2_H04_T7C	
17722	ZM_0189_B2_H04		ZM_0189_B2_H04_MR
17723	ZM_0189_B2_H05		ZM_0189_B2_H05_MR
17724	ZM_0189_B2_H06	ZM_0189_B2_H06_T7C	
17725	ZM_0189_B2_H06		ZM_0189_B2_H06_MR
17726	ZM_0189_B2_H07	ZM_0189_B2_H07_T7C	
17727	ZM_0189_B2_H07		ZM_0189_B2_H07_MR
17728	ZM_0189_B2_H08	ZM_0189_B2_H08_T7C	
17729	ZM_0189_B2_H08		ZM_0189_B2_H08_MR
17730	ZM_0189_B2_H09	ZM_0189_B2_H09_T7C	
17731	ZM_0189_B2_H09		ZM_0189_B2_H09_MR
17732	ZM_0189_B2_H10	ZM_0189_B2_H10_T7C	
17733	ZM_0189_B2_H10		ZM_0189_B2_H10_MR
17734	ZM_0189_B2_H11	ZM_0189_B2_H11_T7C	
17735	ZM_0189_B2_H11		ZM_0189_B2_H11_MR
17736	ZM_0189_B2_H12	ZM_0189_B2_H12_T7C	
17737	ZM_0189_B2_H12		ZM_0189_B2_H12_MR
17738	ZM_018_A1_A01	ZM_018_A1_A01_T7C	
17739	ZM_018_A1_A01		ZM_018_A1_A01_MR
17740	ZM_018_A1_A02	ZM_018_A1_A02_T7C	
17741	ZM_018_A1_A02		ZM_018_A1_A02_MR
17742	ZM_018_A1_A03	ZM_018_A1_A03_T7C	
17743	ZM_018_A1_A03		ZM_018_A1_A03_MR
17744	ZM_018_A1_A04	ZM_018_A1_A04_T7C	
17745	ZM_018_A1_A05	ZM_018_A1_A05_T7C	
17746	ZM_018_A1_A05		ZM_018_A1_A05_MR
17747	ZM_018_A1_A06		ZM_018_A1_A06_MR
17748	ZM_018_A1_A07		ZM_018_A1_A07_MR
17749	ZM_018_A1_A08	ZM_018_A1_A08_T7C	
17750	ZM_018_A1_A09	ZM_018_A1_A09_T7C	
17751	ZM_018_A1_A09		ZM_018_A1_A09_MR
17752	ZM_018_A1_A10	ZM_018_A1_A10_T7C	
17753	ZM_018_A1_A10		ZM_018_A1_A10_MR
17754	ZM_018_A1_A11	ZM_018_A1_A11_T7C	
17755	ZM_018_A1_A12	ZM_018_A1_A12_T7C	
17756	ZM_018_A1_A12		ZM_018_A1_A12_MR
17757	ZM_018_A1_B01	ZM_018_A1_B01_T7C	
17758	ZM_018_A1_B01		ZM_018_A1_B01_MR
17759	ZM_018_A1_B02	ZM_018_A1_B02_T7C	
17760	ZM_018_A1_B02		ZM_018_A1_B02_MR
17761	ZM_018_A1_B03	ZM_018_A1_B03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17762	ZM_018_A1_B03		ZM_018_A1_B03_MR
17763	ZM_018_A1_B04	ZM_018_A1_B04_T7C	
17764	ZM_018_A1_B04		ZM_018_A1_B04_MR
17765	ZM_018_A1_B05	ZM_018_A1_B05_T7C	
17766	ZM_018_A1_B05		ZM_018_A1_B05_MR
17767	ZM_018_A1_B06	ZM_018_A1_B06_T7C	
17768	ZM_018_A1_B06		ZM_018_A1_B06_MR
17769	ZM_018_A1_B07	ZM_018_A1_B07_T7C	
17770	ZM_018_A1_B07		ZM_018_A1_B07_MR
17771	ZM_018_A1_B09	ZM_018_A1_B09_T7C	
17772	ZM_018_A1_B09		ZM_018_A1_B09_MR
17773	ZM_018_A1_B10		ZM_018_A1_B10_MR
17774	ZM_018_A1_B11	ZM_018_A1_B11_T7C	
17775	ZM_018_A1_B11		ZM_018_A1_B11_MR
17776	ZM_018_A1_B12	ZM_018_A1_B12_T7C	
17777	ZM_018_A1_B12		ZM_018_A1_B12_MR
17778	ZM_018_A1_C01	ZM_018_A1_C01_T7C	
17779	ZM_018_A1_C01		ZM_018_A1_C01_MR
17780	ZM_018_A1_C02	ZM_018_A1_C02_T7C	
17781	ZM_018_A1_C02		ZM_018_A1_C02_MR
17782	ZM_018_A1_C03	ZM_018_A1_C03_T7C	
17783	ZM_018_A1_C03		ZM_018_A1_C03_MR
17784	ZM_018_A1_C04	ZM_018_A1_C04_T7C	
17785	ZM_018_A1_C04		ZM_018_A1_C04_MR
17786	ZM_018_A1_C05	ZM_018_A1_C05_T7C	
17787	ZM_018_A1_C05		ZM_018_A1_C05_MR
17788	ZM_018_A1_C06	ZM_018_A1_C06_T7C	
17789	ZM_018_A1_C06		ZM_018_A1_C06_MR
17790	ZM_018_A1_C07	ZM_018_A1_C07_T7C	
17791	ZM_018_A1_C07		ZM_018_A1_C07_MR
17792	ZM_018_A1_C08	ZM_018_A1_C08_T7C	
17793	ZM_018_A1_C08		ZM_018_A1_C08_MR
17794	ZM_018_A1_C09	ZM_018_A1_C09_T7C	
17795	ZM_018_A1_C09		ZM_018_A1_C09_MR
17796	ZM_018_A1_C10	ZM_018_A1_C10_T7C	
17797	ZM_018_A1_C10		ZM_018_A1_C10_MR
17798	ZM_018_A1_C11	ZM_018_A1_C11_T7C	
17799	ZM_018_A1_C11		ZM_018_A1_C11_MR
17800	ZM_018_A1_C12	ZM_018_A1_C12_T7C	
17801	ZM_018_A1_C12		ZM_018_A1_C12_MR
17802	ZM_018_A1_D01	ZM_018_A1_D01_T7C	
17803	ZM_018_A1_D04	ZM_018_A1_D04_T7C	
17804	ZM_018_A1_D04		ZM_018_A1_D04_MR
17805	ZM_018_A1_D05	ZM_018_A1_D05_T7C	
17806	ZM_018_A1_D05		ZM_018_A1_D05_MR
17807	ZM_018_A1_D06	ZM_018_A1_D06_T7C	
17808	ZM_018_A1_D06		ZM_018_A1_D06_MR
17809	ZM_018_A1_D07	ZM_018_A1_D07_T7C	
17810	ZM_018_A1_D07		ZM_018_A1_D07_MR
17811	ZM_018_A1_D08	ZM_018_A1_D08_T7C	
17812	ZM_018_A1_D08		ZM_018_A1_D08_MR
17813	ZM_018_A1_D09	ZM_018_A1_D09_T7C	
17814	ZM_018_A1_D09		ZM_018_A1_D09_MR
17815	ZM_018_A1_D10	ZM_018_A1_D10_T7C	
17816	ZM_018_A1_D10		ZM_018_A1_D10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17817	ZM_018_A1_D11	ZM_018_A1_D11_T7C	
17818	ZM_018_A1_D11		ZM_018_A1_D11_MR
17819	ZM_018_A1_D12	ZM_018_A1_D12_T7C	
17820	ZM_018_A1_D12		ZM_018_A1_D12_MR
17821	ZM_018_A1_E01	ZM_018_A1_E01_T7C	
17822	ZM_018_A1_E01		ZM_018_A1_E01_MR
17823	ZM_018_A1_E02	ZM_018_A1_E02_T7C	
17824	ZM_018_A1_E02		ZM_018_A1_E02_MR
17825	ZM_018_A1_E03	ZM_018_A1_E03_T7C	
17826	ZM_018_A1_E03		ZM_018_A1_E03_MR
17827	ZM_018_A1_E04	ZM_018_A1_E04_T7C	
17828	ZM_018_A1_E04		ZM_018_A1_E04_MR
17829	ZM_018_A1_E05	ZM_018_A1_E05_T7C	
17830	ZM_018_A1_E05		ZM_018_A1_E05_MR
17831	ZM_018_A1_E06	ZM_018_A1_E06_T7C	
17832	ZM_018_A1_E06		ZM_018_A1_E06_MR
17833	ZM_018_A1_E07	ZM_018_A1_E07_T7C	
17834	ZM_018_A1_E07		ZM_018_A1_E07_MR
17835	ZM_018_A1_E08	ZM_018_A1_E08_T7C	
17836	ZM_018_A1_E08		ZM_018_A1_E08_MR
17837	ZM_018_A1_E09	ZM_018_A1_E09_T7C	
17838	ZM_018_A1_E09		ZM_018_A1_E09_MR
17839	ZM_018_A1_E10	ZM_018_A1_E10_T7C	
17840	ZM_018_A1_E10		ZM_018_A1_E10_MR
17841	ZM_018_A1_E11	ZM_018_A1_E11_T7C	
17842	ZM_018_A1_E11		ZM_018_A1_E11_MR
17843	ZM_018_A1_E12	ZM_018_A1_E12_T7C	
17844	ZM_018_A1_E12		ZM_018_A1_E12_MR
17845	ZM_018_A1_F01	ZM_018_A1_F01_T7C	
17846	ZM_018_A1_F01		ZM_018_A1_F01_MR
17847	ZM_018_A1_F02	ZM_018_A1_F02_T7C	
17848	ZM_018_A1_F02		ZM_018_A1_F02_MR
17849	ZM_018_A1_F03	ZM_018_A1_F03_T7C	
17850	ZM_018_A1_F03		ZM_018_A1_F03_MR
17851	ZM_018_A1_F04	ZM_018_A1_F04_T7C	
17852	ZM_018_A1_F04		ZM_018_A1_F04_MR
17853	ZM_018_A1_F05	ZM_018_A1_F05_T7C	
17854	ZM_018_A1_F05		ZM_018_A1_F05_MR
17855	ZM_018_A1_F06	ZM_018_A1_F06_T7C	
17856	ZM_018_A1_F06		ZM_018_A1_F06_MR
17857	ZM_018_A1_F07	ZM_018_A1_F07_T7C	
17858	ZM_018_A1_F07		ZM_018_A1_F07_MR
17859	ZM_018_A1_F08	ZM_018_A1_F08_T7C	
17860	ZM_018_A1_F08		ZM_018_A1_F08_MR
17861	ZM_018_A1_F09	ZM_018_A1_F09_T7C	
17862	ZM_018_A1_F09		ZM_018_A1_F09_MR
17863	ZM_018_A1_F10	ZM_018_A1_F10_T7C	
17864	ZM_018_A1_F10		ZM_018_A1_F10_MR
17865	ZM_018_A1_F11	ZM_018_A1_F11_T7C	
17866	ZM_018_A1_F11		ZM_018_A1_F11_MR
17867	ZM_018_A1_F12	ZM_018_A1_F12_T7C	
17868	ZM_018_A1_F12		ZM_018_A1_F12_MR
17869	ZM_018_A1_G01	ZM_018_A1_G01_T7C	
17870	ZM_018_A1_G01		ZM_018_A1_G01_MR
17871	ZM_018_A1_G02	ZM_018_A1_G02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17872	ZM_018_A1_G02		ZM_018_A1_G02_MR
17873	ZM_018_A1_G03	ZM_018_A1_G03_T7C	
17874	ZM_018_A1_G03		ZM_018_A1_G03_MR
17875	ZM_018_A1_G04	ZM_018_A1_G04_T7C	
17876	ZM_018_A1_G04		ZM_018_A1_G04_MR
17877	ZM_018_A1_G05	ZM_018_A1_G05_T7C	
17878	ZM_018_A1_G05		ZM_018_A1_G05_MR
17879	ZM_018_A1_G06	ZM_018_A1_G06_T7C	
17880	ZM_018_A1_G06		ZM_018_A1_G06_MR
17881	ZM_018_A1_G07	ZM_018_A1_G07_T7C	
17882	ZM_018_A1_G07		ZM_018_A1_G07_MR
17883	ZM_018_A1_G08	ZM_018_A1_G08_T7C	
17884	ZM_018_A1_G08		ZM_018_A1_G08_MR
17885	ZM_018_A1_G09	ZM_018_A1_G09_T7C	
17886	ZM_018_A1_G09		ZM_018_A1_G09_MR
17887	ZM_018_A1_G10	ZM_018_A1_G10_T7C	
17888	ZM_018_A1_G10		ZM_018_A1_G10_MR
17889	ZM_018_A1_G11	ZM_018_A1_G11_T7C	
17890	ZM_018_A1_G11		ZM_018_A1_G11_MR
17891	ZM_018_A1_G12	ZM_018_A1_G12_T7C	
17892	ZM_018_A1_G12		ZM_018_A1_G12_MR
17893	ZM_018_A1_H01	ZM_018_A1_H01_T7C	
17894	ZM_018_A1_H02		ZM_018_A1_H02_MR
17895	ZM_018_A1_H03	ZM_018_A1_H03_T7C	
17896	ZM_018_A1_H03		ZM_018_A1_H03_MR
17897	ZM_018_A1_H04		ZM_018_A1_H04_MR
17898	ZM_018_A1_H05	ZM_018_A1_H05_T7C	
17899	ZM_018_A1_H05		ZM_018_A1_H05_MR
17900	ZM_018_A1_H06	ZM_018_A1_H06_T7C	
17901	ZM_018_A1_H06		ZM_018_A1_H06_MR
17902	ZM_018_A1_H07	ZM_018_A1_H07_T7C	
17903	ZM_018_A1_H07		ZM_018_A1_H07_MR
17904	ZM_018_A1_H08	ZM_018_A1_H08_T7C	
17905	ZM_018_A1_H08		ZM_018_A1_H08_MR
17906	ZM_018_A1_H09		ZM_018_A1_H09_MR
17907	ZM_018_A1_H10		ZM_018_A1_H10_MR
17908	ZM_018_A1_H11	ZM_018_A1_H11_T7C	
17909	ZM_018_A1_H11		ZM_018_A1_H11_MR
17910	ZM_018_A1_H12	ZM_018_A1_H12_T7C	
17911	ZM_018_A1_H12		ZM_018_A1_H12_MR
17912	ZM_018_A2_A02	ZM_018_A2_A02_T7C	
17913	ZM_018_A2_A04	ZM_018_A2_A04_T7C	
17914	ZM_018_A2_A04		ZM_018_A2_A04_MR
17915	ZM_018_A2_A06	ZM_018_A2_A06_T7C	
17916	ZM_018_A2_A06		ZM_018_A2_A06_MR
17917	ZM_018_A2_A07	ZM_018_A2_A07_T7C	
17918	ZM_018_A2_A07		ZM_018_A2_A07_MR
17919	ZM_018_A2_A08	ZM_018_A2_A08_T7C	
17920	ZM_018_A2_A08		ZM_018_A2_A08_MR
17921	ZM_018_A2_A09	ZM_018_A2_A09_T7C	
17922	ZM_018_A2_A09		ZM_018_A2_A09_MR
17923	ZM_018_A2_A10	ZM_018_A2_A10_T7C	
17924	ZM_018_A2_A10		ZM_018_A2_A10_MR
17925	ZM_018_A2_A11	ZM_018_A2_A11_T7C	
17926	ZM_018_A2_A12	ZM_018_A2_A12_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17927	ZM_018_A2_A12		ZM_018_A2_A12_MR
17928	ZM_018_A2_B01	ZM_018_A2_B01_T7C	
17929	ZM_018_A2_B02		ZM_018_A2_B02_MR
17930	ZM_018_A2_B03	ZM_018_A2_B03_T7C	
17931	ZM_018_A2_B03		ZM_018_A2_B03_MR
17932	ZM_018_A2_B04	ZM_018_A2_B04_T7C	
17933	ZM_018_A2_B04		ZM_018_A2_B04_MR
17934	ZM_018_A2_B05	ZM_018_A2_B05_T7C	
17935	ZM_018_A2_B05		ZM_018_A2_B05_MR
17936	ZM_018_A2_B06	ZM_018_A2_B06_T7C	
17937	ZM_018_A2_B06		ZM_018_A2_B06_MR
17938	ZM_018_A2_B07	ZM_018_A2_B07_T7C	
17939	ZM_018_A2_B07		ZM_018_A2_B07_MR
17940	ZM_018_A2_B08		ZM_018_A2_B08_MR
17941	ZM_018_A2_B09	ZM_018_A2_B09_T7C	
17942	ZM_018_A2_B09		ZM_018_A2_B09_MR
17943	ZM_018_A2_B10	ZM_018_A2_B10_T7C	
17944	ZM_018_A2_B10		ZM_018_A2_B10_MR
17945	ZM_018_A2_B11	ZM_018_A2_B11_T7C	
17946	ZM_018_A2_B11		ZM_018_A2_B11_MR
17947	ZM_018_A2_B12	ZM_018_A2_B12_T7C	
17948	ZM_018_A2_B12		ZM_018_A2_B12_MR
17949	ZM_018_A2_C01	ZM_018_A2_C01_T7C	
17950	ZM_018_A2_C01		ZM_018_A2_C01_MR
17951	ZM_018_A2_C02	ZM_018_A2_C02_T7C	
17952	ZM_018_A2_C03	ZM_018_A2_C03_T7C	
17953	ZM_018_A2_C03		ZM_018_A2_C03_MR
17954	ZM_018_A2_C04	ZM_018_A2_C04_T7C	
17955	ZM_018_A2_C04		ZM_018_A2_C04_MR
17956	ZM_018_A2_C05	ZM_018_A2_C05_T7C	
17957	ZM_018_A2_C05		ZM_018_A2_C05_MR
17958	ZM_018_A2_C06	ZM_018_A2_C06_T7C	
17959	ZM_018_A2_C06		ZM_018_A2_C06_MR
17960	ZM_018_A2_C07	ZM_018_A2_C07_T7C	
17961	ZM_018_A2_C07		ZM_018_A2_C07_MR
17962	ZM_018_A2_C08		ZM_018_A2_C08_MR
17963	ZM_018_A2_C09	ZM_018_A2_C09_T7C	
17964	ZM_018_A2_C09		ZM_018_A2_C09_MR
17965	ZM_018_A2_C10		ZM_018_A2_C10_MR
17966	ZM_018_A2_C11		ZM_018_A2_C11_MR
17967	ZM_018_A2_C12	ZM_018_A2_C12_T7C	
17968	ZM_018_A2_D02	ZM_018_A2_D02_T7C	
17969	ZM_018_A2_D02		ZM_018_A2_D02_MR
17970	ZM_018_A2_D03	ZM_018_A2_D03_T7C	
17971	ZM_018_A2_D03		ZM_018_A2_D03_MR
17972	ZM_018_A2_D04	ZM_018_A2_D04_T7C	
17973	ZM_018_A2_D04		ZM_018_A2_D04_MR
17974	ZM_018_A2_D05	ZM_018_A2_D05_T7C	
17975	ZM_018_A2_D05		ZM_018_A2_D05_MR
17976	ZM_018_A2_D06		ZM_018_A2_D06_MR
17977	ZM_018_A2_D08	ZM_018_A2_D08_T7C	
17978	ZM_018_A2_D08		ZM_018_A2_D08_MR
17979	ZM_018_A2_D09	ZM_018_A2_D09_T7C	
17980	ZM_018_A2_D09		ZM_018_A2_D09_MR
17981	ZM_018_A2_D11	ZM_018_A2_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
17982	ZM_018_A2_D11		ZM_018_A2_D11_MR
17983	ZM_018_A2_D12	ZM_018_A2_D12_T7C	
17984	ZM_018_A2_D12		ZM_018_A2_D12_MR
17985	ZM_018_A2_E01	ZM_018_A2_E01_T7C	
17986	ZM_018_A2_E01		ZM_018_A2_E01_MR
17987	ZM_018_A2_E03		ZM_018_A2_E03_MR
17988	ZM_018_A2_E04	ZM_018_A2_E04_T7C	
17989	ZM_018_A2_E04		ZM_018_A2_E04_MR
17990	ZM_018_A2_E05	ZM_018_A2_E05_T7C	
17991	ZM_018_A2_E05		ZM_018_A2_E05_MR
17992	ZM_018_A2_E07	ZM_018_A2_E07_T7C	
17993	ZM_018_A2_E07		ZM_018_A2_E07_MR
17994	ZM_018_A2_E08		ZM_018_A2_E08_MR
17995	ZM_018_A2_E09	ZM_018_A2_E09_T7C	
17996	ZM_018_A2_E10	ZM_018_A2_E10_T7C	
17997	ZM_018_A2_E10		ZM_018_A2_E10_MR
17998	ZM_018_A2_E11	ZM_018_A2_E11_T7C	
17999	ZM_018_A2_E11		ZM_018_A2_E11_MR
18000	ZM_018_A2_E12	ZM_018_A2_E12_T7C	
18001	ZM_018_A2_F01	ZM_018_A2_F01_T7C	
18002	ZM_018_A2_F01		ZM_018_A2_F01_MR
18003	ZM_018_A2_F02	ZM_018_A2_F02_T7C	
18004	ZM_018_A2_F02		ZM_018_A2_F02_MR
18005	ZM_018_A2_F03		ZM_018_A2_F03_MR
18006	ZM_018_A2_F04	ZM_018_A2_F04_T7C	
18007	ZM_018_A2_F04		ZM_018_A2_F04_MR
18008	ZM_018_A2_F05		ZM_018_A2_F05_MR
18009	ZM_018_A2_F06	ZM_018_A2_F06_T7C	
18010	ZM_018_A2_F06		ZM_018_A2_F06_MR
18011	ZM_018_A2_F07	ZM_018_A2_F07_T7C	
18012	ZM_018_A2_F07		ZM_018_A2_F07_MR
18013	ZM_018_A2_F08	ZM_018_A2_F08_T7C	
18014	ZM_018_A2_F08		ZM_018_A2_F08_MR
18015	ZM_018_A2_F09	ZM_018_A2_F09_T7C	
18016	ZM_018_A2_F10	ZM_018_A2_F10_T7C	
18017	ZM_018_A2_F10		ZM_018_A2_F10_MR
18018	ZM_018_A2_F11	ZM_018_A2_F11_T7C	
18019	ZM_018_A2_F11		ZM_018_A2_F11_MR
18020	ZM_018_A2_F12		ZM_018_A2_F12_MR
18021	ZM_018_A2_G01	ZM_018_A2_G01_T7C	
18022	ZM_018_A2_G01		ZM_018_A2_G01_MR
18023	ZM_018_A2_G04	ZM_018_A2_G04_T7C	
18024	ZM_018_A2_G04		ZM_018_A2_G04_MR
18025	ZM_018_A2_G05	ZM_018_A2_G05_T7C	
18026	ZM_018_A2_G05		ZM_018_A2_G05_MR
18027	ZM_018_A2_G06	ZM_018_A2_G06_T7C	
18028	ZM_018_A2_G06		ZM_018_A2_G06_MR
18029	ZM_018_A2_G07	ZM_018_A2_G07_T7C	
18030	ZM_018_A2_G07		ZM_018_A2_G07_MR
18031	ZM_018_A2_G09		ZM_018_A2_G09_MR
18032	ZM_018_A2_G10		ZM_018_A2_G10_MR
18033	ZM_018_A2_G11	ZM_018_A2_G11_T7C	
18034	ZM_018_A2_G11		ZM_018_A2_G11_MR
18035	ZM_018_A2_G12		ZM_018_A2_G12_MR
18036	ZM_018_A2_H01	ZM_018_A2_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18037	ZM_018_A2_H01		ZM_018_A2_H01_MR
18038	ZM_018_A2_H02	ZM_018_A2_H02_T7C	
18039	ZM_018_A2_H04	ZM_018_A2_H04_T7C	
18040	ZM_018_A2_H05		ZM_018_A2_H05_MR
18041	ZM_018_A2_H06	ZM_018_A2_H06_T7C	
18042	ZM_018_A2_H06		ZM_018_A2_H06_MR
18043	ZM_018_A2_H07	ZM_018_A2_H07_T7C	
18044	ZM_018_A2_H07		ZM_018_A2_H07_MR
18045	ZM_018_A2_H08	ZM_018_A2_H08_T7C	
18046	ZM_018_A2_H09	ZM_018_A2_H09_T7C	
18047	ZM_018_A2_H09		ZM_018_A2_H09_MR
18048	ZM_018_A2_H10		ZM_018_A2_H10_MR
18049	ZM_018_A2_H11		ZM_018_A2_H11_MR
18050	ZM_018_B1_A01		ZM_018_B1_A01_MR
18051	ZM_018_B1_A02	ZM_018_B1_A02_T7	
18052	ZM_018_B1_A02		ZM_018_B1_A02_MR
18053	ZM_018_B1_A03	ZM_018_B1_A03_T7	
18054	ZM_018_B1_A04	ZM_018_B1_A04_T7	
18055	ZM_018_B1_A04		ZM_018_B1_A04_MR
18056	ZM_018_B1_A05	ZM_018_B1_A05_T7	
18057	ZM_018_B1_A06	ZM_018_B1_A06_T7	
18058	ZM_018_B1_A07	ZM_018_B1_A07_T7	
18059	ZM_018_B1_A07		ZM_018_B1_A07_MR
18060	ZM_018_B1_A08	ZM_018_B1_A08_T7	
18061	ZM_018_B1_A08		ZM_018_B1_A08_MR
18062	ZM_018_B1_A09	ZM_018_B1_A09_T7	
18063	ZM_018_B1_A09		ZM_018_B1_A09_MR
18064	ZM_018_B1_A10		ZM_018_B1_A10_MR
18065	ZM_018_B1_A11		ZM_018_B1_A11_MR
18066	ZM_018_B1_A12	ZM_018_B1_A12_T7	
18067	ZM_018_B1_A12		ZM_018_B1_A12_MR
18068	ZM_018_B1_B01	ZM_018_B1_B01_T7	
18069	ZM_018_B1_B01		ZM_018_B1_B01_MR
18070	ZM_018_B1_B02		ZM_018_B1_B02_MR
18071	ZM_018_B1_B03	ZM_018_B1_B03_T7	
18072	ZM_018_B1_B03		ZM_018_B1_B03_MR
18073	ZM_018_B1_B04	ZM_018_B1_B04_T7	
18074	ZM_018_B1_B04		ZM_018_B1_B04_MR
18075	ZM_018_B1_B05	ZM_018_B1_B05_T7	
18076	ZM_018_B1_B05		ZM_018_B1_B05_MR
18077	ZM_018_B1_B06	ZM_018_B1_B06_T7	
18078	ZM_018_B1_B06		ZM_018_B1_B06_MR
18079	ZM_018_B1_B07	ZM_018_B1_B07_T7	
18080	ZM_018_B1_B07		ZM_018_B1_B07_MR
18081	ZM_018_B1_B08	ZM_018_B1_B08_T7	
18082	ZM_018_B1_B08		ZM_018_B1_B08_MR
18083	ZM_018_B1_B09	ZM_018_B1_B09_T7	
18084	ZM_018_B1_B09		ZM_018_B1_B09_MR
18085	ZM_018_B1_B10	ZM_018_B1_B10_T7	
18086	ZM_018_B1_B10		ZM_018_B1_B10_MR
18087	ZM_018_B1_B11	ZM_018_B1_B11_T7	
18088	ZM_018_B1_B11		ZM_018_B1_B11_MR
18089	ZM_018_B1_B12	ZM_018_B1_B12_T7	
18090	ZM_018_B1_B12		ZM_018_B1_B12_MR
18091	ZM_018_B1_C01	ZM_018_B1_C01_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18092	ZM_018_B1_C01		ZM_018_B1_C01_MR
18093	ZM_018_B1_C02	ZM_018_B1_C02_T7	
18094	ZM_018_B1_C02		ZM_018_B1_C02_MR
18095	ZM_018_B1_C03	ZM_018_B1_C03_T7	
18096	ZM_018_B1_C03		ZM_018_B1_C03_MR
18097	ZM_018_B1_C04	ZM_018_B1_C04_T7	
18098	ZM_018_B1_C04		ZM_018_B1_C04_MR
18099	ZM_018_B1_C05	ZM_018_B1_C05_T7	
18100	ZM_018_B1_C05		ZM_018_B1_C05_MR
18101	ZM_018_B1_C06	ZM_018_B1_C06_T7	
18102	ZM_018_B1_C06		ZM_018_B1_C06_MR
18103	ZM_018_B1_C07	ZM_018_B1_C07_T7	
18104	ZM_018_B1_C07		ZM_018_B1_C07_MR
18105	ZM_018_B1_C08	ZM_018_B1_C08_T7	
18106	ZM_018_B1_C08		ZM_018_B1_C08_MR
18107	ZM_018_B1_C09	ZM_018_B1_C09_T7	
18108	ZM_018_B1_C09		ZM_018_B1_C09_MR
18109	ZM_018_B1_C10	ZM_018_B1_C10_T7	
18110	ZM_018_B1_C10		ZM_018_B1_C10_MR
18111	ZM_018_B1_C11	ZM_018_B1_C11_T7	
18112	ZM_018_B1_C11		ZM_018_B1_C11_MR
18113	ZM_018_B1_C12	ZM_018_B1_C12_T7	
18114	ZM_018_B1_C12		ZM_018_B1_C12_MR
18115	ZM_018_B1_D01	ZM_018_B1_D01_T7	
18116	ZM_018_B1_D02	ZM_018_B1_D02_T7	
18117	ZM_018_B1_D03	ZM_018_B1_D03_T7	
18118	ZM_018_B1_D04	ZM_018_B1_D04_T7	
18119	ZM_018_B1_D04		ZM_018_B1_D04_MR
18120	ZM_018_B1_D05	ZM_018_B1_D05_T7	
18121	ZM_018_B1_D05		ZM_018_B1_D05_MR
18122	ZM_018_B1_D06	ZM_018_B1_D06_T7	
18123	ZM_018_B1_D06		ZM_018_B1_D06_MR
18124	ZM_018_B1_D07	ZM_018_B1_D07_T7	
18125	ZM_018_B1_D07		ZM_018_B1_D07_MR
18126	ZM_018_B1_D08	ZM_018_B1_D08_T7	
18127	ZM_018_B1_D08		ZM_018_B1_D08_MR
18128	ZM_018_B1_D09	ZM_018_B1_D09_T7	
18129	ZM_018_B1_D09		ZM_018_B1_D09_MR
18130	ZM_018_B1_D10	ZM_018_B1_D10_T7	
18131	ZM_018_B1_D10		ZM_018_B1_D10_MR
18132	ZM_018_B1_D11	ZM_018_B1_D11_T7	
18133	ZM_018_B1_D11		ZM_018_B1_D11_MR
18134	ZM_018_B1_D12	ZM_018_B1_D12_T7	
18135	ZM_018_B1_E01		ZM_018_B1_E01_MR
18136	ZM_018_B1_E02	ZM_018_B1_E02_T7	
18137	ZM_018_B1_E02		ZM_018_B1_E02_MR
18138	ZM_018_B1_E03	ZM_018_B1_E03_T7	
18139	ZM_018_B1_E03		ZM_018_B1_E03_MR
18140	ZM_018_B1_E04	ZM_018_B1_E04_T7	
18141	ZM_018_B1_E04		ZM_018_B1_E04_MR
18142	ZM_018_B1_E05	ZM_018_B1_E05_T7	
18143	ZM_018_B1_E05		ZM_018_B1_E05_MR
18144	ZM_018_B1_E06	ZM_018_B1_E06_T7	
18145	ZM_018_B1_E07	ZM_018_B1_E07_T7	
18146	ZM_018_B1_E07		ZM_018_B1_E07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18147	ZM_018_B1_E08	ZM_018_B1_E08_T7	
18148	ZM_018_B1_E08		ZM_018_B1_E08_MR
18149	ZM_018_B1_E09	ZM_018_B1_E09_T7	
18150	ZM_018_B1_E09		ZM_018_B1_E09_MR
18151	ZM_018_B1_E10	ZM_018_B1_E10_T7	
18152	ZM_018_B1_E10		ZM_018_B1_E10_MR
18153	ZM_018_B1_E11	ZM_018_B1_E11_T7	
18154	ZM_018_B1_E12	ZM_018_B1_E12_T7	
18155	ZM_018_B1_E12		ZM_018_B1_E12_MR
18156	ZM_018_B1_F01	ZM_018_B1_F01_T7	
18157	ZM_018_B1_F01		ZM_018_B1_F01_MR
18158	ZM_018_B1_F02	ZM_018_B1_F02_T7	
18159	ZM_018_B1_F02		ZM_018_B1_F02_MR
18160	ZM_018_B1_F03	ZM_018_B1_F03_T7	
18161	ZM_018_B1_F03		ZM_018_B1_F03_MR
18162	ZM_018_B1_F04	ZM_018_B1_F04_T7	
18163	ZM_018_B1_F05	ZM_018_B1_F05_T7	
18164	ZM_018_B1_F05		ZM_018_B1_F05_MR
18165	ZM_018_B1_F06	ZM_018_B1_F06_T7	
18166	ZM_018_B1_F06		ZM_018_B1_F06_MR
18167	ZM_018_B1_F07	ZM_018_B1_F07_T7	
18168	ZM_018_B1_F07		ZM_018_B1_F07_MR
18169	ZM_018_B1_F08	ZM_018_B1_F08_T7	
18170	ZM_018_B1_F08		ZM_018_B1_F08_MR
18171	ZM_018_B1_F09	ZM_018_B1_F09_T7	
18172	ZM_018_B1_F09		ZM_018_B1_F09_MR
18173	ZM_018_B1_F10	ZM_018_B1_F10_T7	
18174	ZM_018_B1_F10		ZM_018_B1_F10_MR
18175	ZM_018_B1_F11	ZM_018_B1_F11_T7	
18176	ZM_018_B1_F11		ZM_018_B1_F11_MR
18177	ZM_018_B1_F12	ZM_018_B1_F12_T7	
18178	ZM_018_B1_F12		ZM_018_B1_F12_MR
18179	ZM_018_B1_G01	ZM_018_B1_G01_T7	
18180	ZM_018_B1_G01		ZM_018_B1_G01_MR
18181	ZM_018_B1_G02	ZM_018_B1_G02_T7	
18182	ZM_018_B1_G02		ZM_018_B1_G02_MR
18183	ZM_018_B1_G03		ZM_018_B1_G03_MR
18184	ZM_018_B1_G04	ZM_018_B1_G04_T7	
18185	ZM_018_B1_G04		ZM_018_B1_G04_MR
18186	ZM_018_B1_G05	ZM_018_B1_G05_T7	
18187	ZM_018_B1_G05		ZM_018_B1_G05_MR
18188	ZM_018_B1_G06		ZM_018_B1_G06_MR
18189	ZM_018_B1_G07	ZM_018_B1_G07_T7	
18190	ZM_018_B1_G07		ZM_018_B1_G07_MR
18191	ZM_018_B1_G08	ZM_018_B1_G08_T7	
18192	ZM_018_B1_G09	ZM_018_B1_G09_T7	
18193	ZM_018_B1_G09		ZM_018_B1_G09_MR
18194	ZM_018_B1_G10	ZM_018_B1_G10_T7	
18195	ZM_018_B1_G10		ZM_018_B1_G10_MR
18196	ZM_018_B1_G11	ZM_018_B1_G11_T7	
18197	ZM_018_B1_G11		ZM_018_B1_G11_MR
18198	ZM_018_B1_G12	ZM_018_B1_G12_T7	
18199	ZM_018_B1_H01	ZM_018_B1_H01_T7	
18200	ZM_018_B1_H01		ZM_018_B1_H01_MR
18201	ZM_018_B1_H02	ZM_018_B1_H02_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18202	ZM_018_B1_H02		ZM_018_B1_H02_MR
18203	ZM_018_B1_H03		ZM_018_B1_H03_MR
18204	ZM_018_B1_H04	ZM_018_B1_H04_T7	
18205	ZM_018_B1_H04		ZM_018_B1_H04_MR
18206	ZM_018_B1_H05	ZM_018_B1_H05_T7	
18207	ZM_018_B1_H05		ZM_018_B1_H05_MR
18208	ZM_018_B1_H06	ZM_018_B1_H06_T7	
18209	ZM_018_B1_H06		ZM_018_B1_H06_MR
18210	ZM_018_B1_H07	ZM_018_B1_H07_T7	
18211	ZM_018_B1_H07		ZM_018_B1_H07_MR
18212	ZM_018_B1_H08	ZM_018_B1_H08_T7	
18213	ZM_018_B1_H08		ZM_018_B1_H08_MR
18214	ZM_018_B1_H09	ZM_018_B1_H09_T7	
18215	ZM_018_B1_H09		ZM_018_B1_H09_MR
18216	ZM_018_B1_H10	ZM_018_B1_H10_T7	
18217	ZM_018_B1_H10		ZM_018_B1_H10_MR
18218	ZM_018_B1_H11	ZM_018_B1_H11_T7	
18219	ZM_018_B1_H11		ZM_018_B1_H11_MR
18220	ZM_018_B1_H12	ZM_018_B1_H12_T7	
18221	ZM_018_B1_H12		ZM_018_B1_H12_MR
18222	ZM_0190_A1_A04		ZM_0190_A1_A04_MR
18223	ZM_0190_A1_A06	ZM_0190_A1_A06_T7C	
18224	ZM_0190_A1_A07	ZM_0190_A1_A07_T7C	
18225	ZM_0190_A1_A08		ZM_0190_A1_A08_MR
18226	ZM_0190_A1_A09	ZM_0190_A1_A09_T7C	
18227	ZM_0190_A1_A10	ZM_0190_A1_A10_T7C	
18228	ZM_0190_A1_A10		ZM_0190_A1_A10_MR
18229	ZM_0190_A1_A11		ZM_0190_A1_A11_MR
18230	ZM_0190_A1_A12	ZM_0190_A1_A12_T7C	
18231	ZM_0190_A1_A12		ZM_0190_A1_A12_MR
18232	ZM_0190_A1_B02		ZM_0190_A1_B02_MR
18233	ZM_0190_A1_B03		ZM_0190_A1_B03_MR
18234	ZM_0190_A1_B07		ZM_0190_A1_B07_MR
18235	ZM_0190_A1_B08	ZM_0190_A1_B08_T7C	
18236	ZM_0190_A1_B09	ZM_0190_A1_B09_T7C	
18237	ZM_0190_A1_B10	ZM_0190_A1_B10_T7C	
18238	ZM_0190_A1_B10		ZM_0190_A1_B10_MR
18239	ZM_0190_A1_B11	ZM_0190_A1_B11_T7C	
18240	ZM_0190_A1_B12	ZM_0190_A1_B12_T7C	
18241	ZM_0190_A1_C03		ZM_0190_A1_C03_MR
18242	ZM_0190_A1_C06	ZM_0190_A1_C06_T7C	
18243	ZM_0190_A1_C07	ZM_0190_A1_C07_T7C	
18244	ZM_0190_A1_C08	ZM_0190_A1_C08_T7C	
18245	ZM_0190_A1_C08		ZM_0190_A1_C08_MR
18246	ZM_0190_A1_C10	ZM_0190_A1_C10_T7C	
18247	ZM_0190_A1_C11	ZM_0190_A1_C11_T7C	
18248	ZM_0190_A1_C11		ZM_0190_A1_C11_MR
18249	ZM_0190_A1_D01	ZM_0190_A1_D01_T7C	
18250	ZM_0190_A1_D05	ZM_0190_A1_D05_T7C	
18251	ZM_0190_A1_D06	ZM_0190_A1_D06_T7C	
18252	ZM_0190_A1_D07	ZM_0190_A1_D07_T7C	
18253	ZM_0190_A1_D07		ZM_0190_A1_D07_MR
18254	ZM_0190_A1_D08		ZM_0190_A1_D08_MR
18255	ZM_0190_A1_D09		ZM_0190_A1_D09_MR
18256	ZM_0190_A1_D10		ZM_0190_A1_D10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18257	ZM_0190_A1_D11	ZM_0190_A1_D11_T7C	
18258	ZM_0190_A1_D12	ZM_0190_A1_D12_T7C	
18259	ZM_0190_A1_D12		ZM_0190_A1_D12_MR
18260	ZM_0190_A1_E01	ZM_0190_A1_E01_T7C	
18261	ZM_0190_A1_E05	ZM_0190_A1_E05_T7C	
18262	ZM_0190_A1_E06	ZM_0190_A1_E06_T7C	
18263	ZM_0190_A1_E07	ZM_0190_A1_E07_T7C	
18264	ZM_0190_A1_E07		ZM_0190_A1_E07_MR
18265	ZM_0190_A1_E10	ZM_0190_A1_E10_T7C	
18266	ZM_0190_A1_E11	ZM_0190_A1_E11_T7C	
18267	ZM_0190_A1_E11		ZM_0190_A1_E11_MR
18268	ZM_0190_A1_E12	ZM_0190_A1_E12_T7C	
18269	ZM_0190_A1_F01	ZM_0190_A1_F01_T7C	
18270	ZM_0190_A1_F01		ZM_0190_A1_F01_MR
18271	ZM_0190_A1_F02	ZM_0190_A1_F02_T7C	
18272	ZM_0190_A1_F04	ZM_0190_A1_F04_T7C	
18273	ZM_0190_A1_F04		ZM_0190_A1_F04_MR
18274	ZM_0190_A1_F05	ZM_0190_A1_F05_T7C	
18275	ZM_0190_A1_F05		ZM_0190_A1_F05_MR
18276	ZM_0190_A1_F06	ZM_0190_A1_F06_T7C	
18277	ZM_0190_A1_F07		ZM_0190_A1_F07_MR
18278	ZM_0190_A1_F08	ZM_0190_A1_F08_T7C	
18279	ZM_0190_A1_F10		ZM_0190_A1_F10_MR
18280	ZM_0190_A1_F11	ZM_0190_A1_F11_T7C	
18281	ZM_0190_A1_F11		ZM_0190_A1_F11_MR
18282	ZM_0190_A1_F12	ZM_0190_A1_F12_T7C	
18283	ZM_0190_A1_G01		ZM_0190_A1_G01_MR
18284	ZM_0190_A1_G02		ZM_0190_A1_G02_MR
18285	ZM_0190_A1_G03		ZM_0190_A1_G03_MR
18286	ZM_0190_A1_G05		ZM_0190_A1_G05_MR
18287	ZM_0190_A1_G06		ZM_0190_A1_G06_MR
18288	ZM_0190_A1_G10		ZM_0190_A1_G10_MR
18289	ZM_0190_A1_G11	ZM_0190_A1_G11_T7C	
18290	ZM_0190_A1_H02		ZM_0190_A1_H02_MR
18291	ZM_0190_A1_H04		ZM_0190_A1_H04_MR
18292	ZM_0190_A1_H06	ZM_0190_A1_H06_T7C	
18293	ZM_0190_A1_H07	ZM_0190_A1_H07_T7C	
18294	ZM_0190_A1_H07		ZM_0190_A1_H07_MR
18295	ZM_0190_A1_H08	ZM_0190_A1_H08_T7C	
18296	ZM_0190_A1_H08		ZM_0190_A1_H08_MR
18297	ZM_0190_A1_H09	ZM_0190_A1_H09_T7C	
18298	ZM_0190_A1_H09		ZM_0190_A1_H09_MR
18299	ZM_0190_A1_H10	ZM_0190_A1_H10_T7C	
18300	ZM_0190_A1_H10		ZM_0190_A1_H10_MR
18301	ZM_0190_A1_H11	ZM_0190_A1_H11_T7C	
18302	ZM_0190_A1_H11		ZM_0190_A1_H11_MR
18303	ZM_0190_A1_H12	ZM_0190_A1_H12_T7C	
18304	ZM_0190_A1_H12		ZM_0190_A1_H12_MR
18305	ZM_0190_A2_A01		ZM_0190_A2_A01_MR
18306	ZM_0190_A2_A02	ZM_0190_A2_A02_T7C	
18307	ZM_0190_A2_A02		ZM_0190_A2_A02_MR
18308	ZM_0190_A2_A03	ZM_0190_A2_A03_T7C	
18309	ZM_0190_A2_A03		ZM_0190_A2_A03_MR
18310	ZM_0190_A2_A04	ZM_0190_A2_A04_T7C	
18311	ZM_0190_A2_A05	ZM_0190_A2_A05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18312	ZM_0190_A2_A05		ZM_0190_A2_A05_MR
18313	ZM_0190_A2_A06	ZM_0190_A2_A06_T7C	
18314	ZM_0190_A2_A06		ZM_0190_A2_A06_MR
18315	ZM_0190_A2_A07	ZM_0190_A2_A07_T7C	
18316	ZM_0190_A2_A07		ZM_0190_A2_A07_MR
18317	ZM_0190_A2_A08		ZM_0190_A2_A08_MR
18318	ZM_0190_A2_A09	ZM_0190_A2_A09_T7C	
18319	ZM_0190_A2_A09		ZM_0190_A2_A09_MR
18320	ZM_0190_A2_A10	ZM_0190_A2_A10_T7C	
18321	ZM_0190_A2_A10		ZM_0190_A2_A10_MR
18322	ZM_0190_A2_A11	ZM_0190_A2_A11_T7C	
18323	ZM_0190_A2_A11		ZM_0190_A2_A11_MR
18324	ZM_0190_A2_A12	ZM_0190_A2_A12_T7C	
18325	ZM_0190_A2_A12		ZM_0190_A2_A12_MR
18326	ZM_0190_A2_B01	ZM_0190_A2_B01_T7C	
18327	ZM_0190_A2_B01		ZM_0190_A2_B01_MR
18328	ZM_0190_A2_B02	ZM_0190_A2_B02_T7C	
18329	ZM_0190_A2_B03	ZM_0190_A2_B03_T7C	
18330	ZM_0190_A2_B03		ZM_0190_A2_B03_MR
18331	ZM_0190_A2_B04	ZM_0190_A2_B04_T7C	
18332	ZM_0190_A2_B04		ZM_0190_A2_B04_MR
18333	ZM_0190_A2_B05	ZM_0190_A2_B05_T7C	
18334	ZM_0190_A2_B05		ZM_0190_A2_B05_MR
18335	ZM_0190_A2_B06	ZM_0190_A2_B06_T7C	
18336	ZM_0190_A2_B06		ZM_0190_A2_B06_MR
18337	ZM_0190_A2_B07	ZM_0190_A2_B07_T7C	
18338	ZM_0190_A2_B08	ZM_0190_A2_B08_T7C	
18339	ZM_0190_A2_B08		ZM_0190_A2_B08_MR
18340	ZM_0190_A2_B09	ZM_0190_A2_B09_T7C	
18341	ZM_0190_A2_B09		ZM_0190_A2_B09_MR
18342	ZM_0190_A2_B10	ZM_0190_A2_B10_T7C	
18343	ZM_0190_A2_B10		ZM_0190_A2_B10_MR
18344	ZM_0190_A2_B11	ZM_0190_A2_B11_T7C	
18345	ZM_0190_A2_B11		ZM_0190_A2_B11_MR
18346	ZM_0190_A2_B12	ZM_0190_A2_B12_T7C	
18347	ZM_0190_A2_B12		ZM_0190_A2_B12_MR
18348	ZM_0190_A2_C01	ZM_0190_A2_C01_T7C	
18349	ZM_0190_A2_C01		ZM_0190_A2_C01_MR
18350	ZM_0190_A2_C02	ZM_0190_A2_C02_T7C	
18351	ZM_0190_A2_C02		ZM_0190_A2_C02_MR
18352	ZM_0190_A2_C03	ZM_0190_A2_C03_T7C	
18353	ZM_0190_A2_C03		ZM_0190_A2_C03_MR
18354	ZM_0190_A2_C04	ZM_0190_A2_C04_T7C	
18355	ZM_0190_A2_C04		ZM_0190_A2_C04_MR
18356	ZM_0190_A2_C05	ZM_0190_A2_C05_T7C	
18357	ZM_0190_A2_C05		ZM_0190_A2_C05_MR
18358	ZM_0190_A2_C06	ZM_0190_A2_C06_T7C	
18359	ZM_0190_A2_C06		ZM_0190_A2_C06_MR
18360	ZM_0190_A2_C07	ZM_0190_A2_C07_T7C	
18361	ZM_0190_A2_C07		ZM_0190_A2_C07_MR
18362	ZM_0190_A2_C08	ZM_0190_A2_C08_T7C	
18363	ZM_0190_A2_C08		ZM_0190_A2_C08_MR
18364	ZM_0190_A2_C09	ZM_0190_A2_C09_T7C	
18365	ZM_0190_A2_C09		ZM_0190_A2_C09_MR
18366	ZM_0190_A2_C10	ZM_0190_A2_C10_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18367	ZM_0190_A2_C10		ZM_0190_A2_C10_MR
18368	ZM_0190_A2_C11	ZM_0190_A2_C11_T7C	
18369	ZM_0190_A2_C11		ZM_0190_A2_C11_MR
18370	ZM_0190_A2_C12	ZM_0190_A2_C12_T7C	
18371	ZM_0190_A2_C12		ZM_0190_A2_C12_MR
18372	ZM_0190_A2_D01	ZM_0190_A2_D01_T7C	
18373	ZM_0190_A2_D02	ZM_0190_A2_D02_T7C	
18374	ZM_0190_A2_D02		ZM_0190_A2_D02_MR
18375	ZM_0190_A2_D03	ZM_0190_A2_D03_T7C	
18376	ZM_0190_A2_D03		ZM_0190_A2_D03_MR
18377	ZM_0190_A2_D04	ZM_0190_A2_D04_T7C	
18378	ZM_0190_A2_D04		ZM_0190_A2_D04_MR
18379	ZM_0190_A2_D05	ZM_0190_A2_D05_T7C	
18380	ZM_0190_A2_D05		ZM_0190_A2_D05_MR
18381	ZM_0190_A2_D06	ZM_0190_A2_D06_T7C	
18382	ZM_0190_A2_D06		ZM_0190_A2_D06_MR
18383	ZM_0190_A2_D07	ZM_0190_A2_D07_T7C	
18384	ZM_0190_A2_D07		ZM_0190_A2_D07_MR
18385	ZM_0190_A2_D08	ZM_0190_A2_D08_T7C	
18386	ZM_0190_A2_D08		ZM_0190_A2_D08_MR
18387	ZM_0190_A2_D09	ZM_0190_A2_D09_T7C	
18388	ZM_0190_A2_D09		ZM_0190_A2_D09_MR
18389	ZM_0190_A2_D10	ZM_0190_A2_D10_T7C	
18390	ZM_0190_A2_D10		ZM_0190_A2_D10_MR
18391	ZM_0190_A2_D11	ZM_0190_A2_D11_T7C	
18392	ZM_0190_A2_D12	ZM_0190_A2_D12_T7C	
18393	ZM_0190_A2_D12		ZM_0190_A2_D12_MR
18394	ZM_0190_A2_E01	ZM_0190_A2_E01_T7C	
18395	ZM_0190_A2_E02	ZM_0190_A2_E02_T7C	
18396	ZM_0190_A2_E02		ZM_0190_A2_E02_MR
18397	ZM_0190_A2_E03	ZM_0190_A2_E03_T7C	
18398	ZM_0190_A2_E03		ZM_0190_A2_E03_MR
18399	ZM_0190_A2_E04	ZM_0190_A2_E04_T7C	
18400	ZM_0190_A2_E04		ZM_0190_A2_E04_MR
18401	ZM_0190_A2_E05	ZM_0190_A2_E05_T7C	
18402	ZM_0190_A2_E05		ZM_0190_A2_E05_MR
18403	ZM_0190_A2_E06	ZM_0190_A2_E06_T7C	
18404	ZM_0190_A2_E06		ZM_0190_A2_E06_MR
18405	ZM_0190_A2_E07	ZM_0190_A2_E07_T7C	
18406	ZM_0190_A2_E07		ZM_0190_A2_E07_MR
18407	ZM_0190_A2_E08	ZM_0190_A2_E08_T7C	
18408	ZM_0190_A2_E08		ZM_0190_A2_E08_MR
18409	ZM_0190_A2_E09	ZM_0190_A2_E09_T7C	
18410	ZM_0190_A2_E09		ZM_0190_A2_E09_MR
18411	ZM_0190_A2_E10	ZM_0190_A2_E10_T7C	
18412	ZM_0190_A2_E10		ZM_0190_A2_E10_MR
18413	ZM_0190_A2_E11		ZM_0190_A2_E11_MR
18414	ZM_0190_A2_E12	ZM_0190_A2_E12_T7C	
18415	ZM_0190_A2_E12		ZM_0190_A2_E12_MR
18416	ZM_0190_A2_F01	ZM_0190_A2_F01_T7C	
18417	ZM_0190_A2_F01		ZM_0190_A2_F01_MR
18418	ZM_0190_A2_F02		ZM_0190_A2_F02_MR
18419	ZM_0190_A2_F03	ZM_0190_A2_F03_T7C	
18420	ZM_0190_A2_F04	ZM_0190_A2_F04_T7C	
18421	ZM_0190_A2_F04		ZM_0190_A2_F04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18422	ZM_0190_A2_F05	ZM_0190_A2_F05_T7C	
18423	ZM_0190_A2_F05		ZM_0190_A2_F05_MR
18424	ZM_0190_A2_F06	ZM_0190_A2_F06_T7C	
18425	ZM_0190_A2_F06		ZM_0190_A2_F06_MR
18426	ZM_0190_A2_F07	ZM_0190_A2_F07_T7C	
18427	ZM_0190_A2_F07		ZM_0190_A2_F07_MR
18428	ZM_0190_A2_F09	ZM_0190_A2_F09_T7C	
18429	ZM_0190_A2_F09		ZM_0190_A2_F09_MR
18430	ZM_0190_A2_F10	ZM_0190_A2_F10_T7C	
18431	ZM_0190_A2_F10		ZM_0190_A2_F10_MR
18432	ZM_0190_A2_F11	ZM_0190_A2_F11_T7C	
18433	ZM_0190_A2_F11		ZM_0190_A2_F11_MR
18434	ZM_0190_A2_F12	ZM_0190_A2_F12_T7C	
18435	ZM_0190_A2_F12		ZM_0190_A2_F12_MR
18436	ZM_0190_A2_G01	ZM_0190_A2_G01_T7C	
18437	ZM_0190_A2_G01		ZM_0190_A2_G01_MR
18438	ZM_0190_A2_G02	ZM_0190_A2_G02_T7C	
18439	ZM_0190_A2_G02		ZM_0190_A2_G02_MR
18440	ZM_0190_A2_G03	ZM_0190_A2_G03_T7C	
18441	ZM_0190_A2_G03		ZM_0190_A2_G03_MR
18442	ZM_0190_A2_G04	ZM_0190_A2_G04_T7C	
18443	ZM_0190_A2_G04		ZM_0190_A2_G04_MR
18444	ZM_0190_A2_G05	ZM_0190_A2_G05_T7C	
18445	ZM_0190_A2_G05		ZM_0190_A2_G05_MR
18446	ZM_0190_A2_G06	ZM_0190_A2_G06_T7C	
18447	ZM_0190_A2_G06		ZM_0190_A2_G06_MR
18448	ZM_0190_A2_G07	ZM_0190_A2_G07_T7C	
18449	ZM_0190_A2_G07		ZM_0190_A2_G07_MR
18450	ZM_0190_A2_G08	ZM_0190_A2_G08_T7C	
18451	ZM_0190_A2_G08		ZM_0190_A2_G08_MR
18452	ZM_0190_A2_G09	ZM_0190_A2_G09_T7C	
18453	ZM_0190_A2_G09		ZM_0190_A2_G09_MR
18454	ZM_0190_A2_G10	ZM_0190_A2_G10_T7C	
18455	ZM_0190_A2_G10		ZM_0190_A2_G10_MR
18456	ZM_0190_A2_G11	ZM_0190_A2_G11_T7C	
18457	ZM_0190_A2_G11		ZM_0190_A2_G11_MR
18458	ZM_0190_A2_G12	ZM_0190_A2_G12_T7C	
18459	ZM_0190_A2_G12		ZM_0190_A2_G12_MR
18460	ZM_0190_A2_H01	ZM_0190_A2_H01_T7C	
18461	ZM_0190_A2_H01		ZM_0190_A2_H01_MR
18462	ZM_0190_A2_H02	ZM_0190_A2_H02_T7C	
18463	ZM_0190_A2_H02		ZM_0190_A2_H02_MR
18464	ZM_0190_A2_H03	ZM_0190_A2_H03_T7C	
18465	ZM_0190_A2_H03		ZM_0190_A2_H03_MR
18466	ZM_0190_A2_H04	ZM_0190_A2_H04_T7C	
18467	ZM_0190_A2_H04		ZM_0190_A2_H04_MR
18468	ZM_0190_A2_H05	ZM_0190_A2_H05_T7C	
18469	ZM_0190_A2_H05		ZM_0190_A2_H05_MR
18470	ZM_0190_A2_H06	ZM_0190_A2_H06_T7C	
18471	ZM_0190_A2_H06		ZM_0190_A2_H06_MR
18472	ZM_0190_A2_H07	ZM_0190_A2_H07_T7C	
18473	ZM_0190_A2_H07		ZM_0190_A2_H07_MR
18474	ZM_0190_A2_H08	ZM_0190_A2_H08_T7C	
18475	ZM_0190_A2_H08		ZM_0190_A2_H08_MR
18476	ZM_0190_A2_H09	ZM_0190_A2_H09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18477	ZM_0190_A2_H09		ZM_0190_A2_H09_MR
18478	ZM_0190_A2_H10		ZM_0190_A2_H10_MR
18479	ZM_0190_A2_H11	ZM_0190_A2_H11_T7C	
18480	ZM_0190_A2_H12	ZM_0190_A2_H12_T7C	
18481	ZM_0190_A2_H12		ZM_0190_A2_H12_MR
18482	ZM_0190_B1_A01	ZM_0190_B1_A01_T7C	
18483	ZM_0190_B1_A01		ZM_0190_B1_A01_MR
18484	ZM_0190_B1_A02		ZM_0190_B1_A02_MR
18485	ZM_0190_B1_A03	ZM_0190_B1_A03_T7C	
18486	ZM_0190_B1_A03		ZM_0190_B1_A03_MR
18487	ZM_0190_B1_A04	ZM_0190_B1_A04_T7C	
18488	ZM_0190_B1_A04		ZM_0190_B1_A04_MR
18489	ZM_0190_B1_A05	ZM_0190_B1_A05_T7C	
18490	ZM_0190_B1_A05		ZM_0190_B1_A05_MR
18491	ZM_0190_B1_A06	ZM_0190_B1_A06_T7C	
18492	ZM_0190_B1_A06		ZM_0190_B1_A06_MR
18493	ZM_0190_B1_A07	ZM_0190_B1_A07_T7C	
18494	ZM_0190_B1_A07		ZM_0190_B1_A07_MR
18495	ZM_0190_B1_A08	ZM_0190_B1_A08_T7C	
18496	ZM_0190_B1_A08		ZM_0190_B1_A08_MR
18497	ZM_0190_B1_A09	ZM_0190_B1_A09_T7C	
18498	ZM_0190_B1_A09		ZM_0190_B1_A09_MR
18499	ZM_0190_B1_A11	ZM_0190_B1_A11_T7C	
18500	ZM_0190_B1_A12	ZM_0190_B1_A12_T7C	
18501	ZM_0190_B1_A12		ZM_0190_B1_A12_MR
18502	ZM_0190_B1_B01	ZM_0190_B1_B01_T7C	
18503	ZM_0190_B1_B01		ZM_0190_B1_B01_MR
18504	ZM_0190_B1_B02	ZM_0190_B1_B02_T7C	
18505	ZM_0190_B1_B02		ZM_0190_B1_B02_MR
18506	ZM_0190_B1_B03	ZM_0190_B1_B03_T7C	
18507	ZM_0190_B1_B03		ZM_0190_B1_B03_MR
18508	ZM_0190_B1_B04	ZM_0190_B1_B04_T7C	
18509	ZM_0190_B1_B04		ZM_0190_B1_B04_MR
18510	ZM_0190_B1_B05	ZM_0190_B1_B05_T7C	
18511	ZM_0190_B1_B05		ZM_0190_B1_B05_MR
18512	ZM_0190_B1_B06	ZM_0190_B1_B06_T7C	
18513	ZM_0190_B1_B06		ZM_0190_B1_B06_MR
18514	ZM_0190_B1_B07	ZM_0190_B1_B07_T7C	
18515	ZM_0190_B1_B07		ZM_0190_B1_B07_MR
18516	ZM_0190_B1_B08	ZM_0190_B1_B08_T7C	
18517	ZM_0190_B1_B08		ZM_0190_B1_B08_MR
18518	ZM_0190_B1_B09	ZM_0190_B1_B09_T7C	
18519	ZM_0190_B1_B09		ZM_0190_B1_B09_MR
18520	ZM_0190_B1_B10	ZM_0190_B1_B10_T7C	
18521	ZM_0190_B1_B10		ZM_0190_B1_B10_MR
18522	ZM_0190_B1_B11	ZM_0190_B1_B11_T7C	
18523	ZM_0190_B1_B11		ZM_0190_B1_B11_MR
18524	ZM_0190_B1_B12	ZM_0190_B1_B12_T7C	
18525	ZM_0190_B1_B12		ZM_0190_B1_B12_MR
18526	ZM_0190_B1_C01	ZM_0190_B1_C01_T7C	
18527	ZM_0190_B1_C01		ZM_0190_B1_C01_MR
18528	ZM_0190_B1_C02	ZM_0190_B1_C02_T7C	
18529	ZM_0190_B1_C02		ZM_0190_B1_C02_MR
18530	ZM_0190_B1_C03	ZM_0190_B1_C03_T7C	
18531	ZM_0190_B1_C04		ZM_0190_B1_C04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18532	ZM_0190_B1_C05	ZM_0190_B1_C05_T7C	
18533	ZM_0190_B1_C05		ZM_0190_B1_C05_MR
18534	ZM_0190_B1_C06	ZM_0190_B1_C06_T7C	
18535	ZM_0190_B1_C07	ZM_0190_B1_C07_T7C	
18536	ZM_0190_B1_C07		ZM_0190_B1_C07_MR
18537	ZM_0190_B1_C08	ZM_0190_B1_C08_T7C	
18538	ZM_0190_B1_C08		ZM_0190_B1_C08_MR
18539	ZM_0190_B1_C09		ZM_0190_B1_C09_MR
18540	ZM_0190_B1_C10	ZM_0190_B1_C10_T7C	
18541	ZM_0190_B1_C10		ZM_0190_B1_C10_MR
18542	ZM_0190_B1_C11	ZM_0190_B1_C11_T7C	
18543	ZM_0190_B1_C11		ZM_0190_B1_C11_MR
18544	ZM_0190_B1_C12	ZM_0190_B1_C12_T7C	
18545	ZM_0190_B1_C12		ZM_0190_B1_C12_MR
18546	ZM_0190_B1_D01	ZM_0190_B1_D01_T7C	
18547	ZM_0190_B1_D01		ZM_0190_B1_D01_MR
18548	ZM_0190_B1_D02		ZM_0190_B1_D02_MR
18549	ZM_0190_B1_D03		ZM_0190_B1_D03_MR
18550	ZM_0190_B1_D04	ZM_0190_B1_D04_T7C	
18551	ZM_0190_B1_D04		ZM_0190_B1_D04_MR
18552	ZM_0190_B1_D05	ZM_0190_B1_D05_T7C	
18553	ZM_0190_B1_D05		ZM_0190_B1_D05_MR
18554	ZM_0190_B1_D06		ZM_0190_B1_D06_MR
18555	ZM_0190_B1_D07		ZM_0190_B1_D07_MR
18556	ZM_0190_B1_D08	ZM_0190_B1_D08_T7C	
18557	ZM_0190_B1_D08		ZM_0190_B1_D08_MR
18558	ZM_0190_B1_D09		ZM_0190_B1_D09_MR
18559	ZM_0190_B1_D10	ZM_0190_B1_D10_T7C	
18560	ZM_0190_B1_D10		ZM_0190_B1_D10_MR
18561	ZM_0190_B1_D11	ZM_0190_B1_D11_T7C	
18562	ZM_0190_B1_D11		ZM_0190_B1_D11_MR
18563	ZM_0190_B1_D12	ZM_0190_B1_D12_T7C	
18564	ZM_0190_B1_D12		ZM_0190_B1_D12_MR
18565	ZM_0190_B1_E01	ZM_0190_B1_E01_T7C	
18566	ZM_0190_B1_E01		ZM_0190_B1_E01_MR
18567	ZM_0190_B1_E02	ZM_0190_B1_E02_T7C	
18568	ZM_0190_B1_E02		ZM_0190_B1_E02_MR
18569	ZM_0190_B1_E03		ZM_0190_B1_E03_MR
18570	ZM_0190_B1_E04	ZM_0190_B1_E04_T7C	
18571	ZM_0190_B1_E04		ZM_0190_B1_E04_MR
18572	ZM_0190_B1_E05	ZM_0190_B1_E05_T7C	
18573	ZM_0190_B1_E05		ZM_0190_B1_E05_MR
18574	ZM_0190_B1_E06	ZM_0190_B1_E06_T7C	
18575	ZM_0190_B1_E06		ZM_0190_B1_E06_MR
18576	ZM_0190_B1_E07	ZM_0190_B1_E07_T7C	
18577	ZM_0190_B1_E07		ZM_0190_B1_E07_MR
18578	ZM_0190_B1_E08	ZM_0190_B1_E08_T7C	
18579	ZM_0190_B1_E08		ZM_0190_B1_E08_MR
18580	ZM_0190_B1_E09	ZM_0190_B1_E09_T7C	
18581	ZM_0190_B1_E09		ZM_0190_B1_E09_MR
18582	ZM_0190_B1_E10	ZM_0190_B1_E10_T7C	
18583	ZM_0190_B1_E10		ZM_0190_B1_E10_MR
18584	ZM_0190_B1_E11		ZM_0190_B1_E11_MR
18585	ZM_0190_B1_E12	ZM_0190_B1_E12_T7C	
18586	ZM_0190_B1_E12		ZM_0190_B1_E12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18587	ZM_0190_B1_F01	ZM_0190_B1_F01_T7C	
18588	ZM_0190_B1_F01		ZM_0190_B1_F01_MR
18589	ZM_0190_B1_F02	ZM_0190_B1_F02_T7C	
18590	ZM_0190_B1_F02		ZM_0190_B1_F02_MR
18591	ZM_0190_B1_F03		ZM_0190_B1_F03_MR
18592	ZM_0190_B1_F04	ZM_0190_B1_F04_T7C	
18593	ZM_0190_B1_F04		ZM_0190_B1_F04_MR
18594	ZM_0190_B1_F05	ZM_0190_B1_F05_T7C	
18595	ZM_0190_B1_F05		ZM_0190_B1_F05_MR
18596	ZM_0190_B1_F06	ZM_0190_B1_F06_T7C	
18597	ZM_0190_B1_F06		ZM_0190_B1_F06_MR
18598	ZM_0190_B1_F07	ZM_0190_B1_F07_T7C	
18599	ZM_0190_B1_F07		ZM_0190_B1_F07_MR
18600	ZM_0190_B1_F08	ZM_0190_B1_F08_T7C	
18601	ZM_0190_B1_F08		ZM_0190_B1_F08_MR
18602	ZM_0190_B1_F09	ZM_0190_B1_F09_T7C	
18603	ZM_0190_B1_F09		ZM_0190_B1_F09_MR
18604	ZM_0190_B1_F10	ZM_0190_B1_F10_T7C	
18605	ZM_0190_B1_F10		ZM_0190_B1_F10_MR
18606	ZM_0190_B1_F11	ZM_0190_B1_F11_T7C	
18607	ZM_0190_B1_F11		ZM_0190_B1_F11_MR
18608	ZM_0190_B1_F12		ZM_0190_B1_F12_MR
18609	ZM_0190_B1_G01	ZM_0190_B1_G01_T7C	
18610	ZM_0190_B1_G01		ZM_0190_B1_G01_MR
18611	ZM_0190_B1_G02	ZM_0190_B1_G02_T7C	
18612	ZM_0190_B1_G02		ZM_0190_B1_G02_MR
18613	ZM_0190_B1_G03		ZM_0190_B1_G03_MR
18614	ZM_0190_B1_G04	ZM_0190_B1_G04_T7C	
18615	ZM_0190_B1_G04		ZM_0190_B1_G04_MR
18616	ZM_0190_B1_G05	ZM_0190_B1_G05_T7C	
18617	ZM_0190_B1_G07	ZM_0190_B1_G07_T7C	
18618	ZM_0190_B1_G07		ZM_0190_B1_G07_MR
18619	ZM_0190_B1_G08	ZM_0190_B1_G08_T7C	
18620	ZM_0190_B1_G08		ZM_0190_B1_G08_MR
18621	ZM_0190_B1_G09	ZM_0190_B1_G09_T7C	
18622	ZM_0190_B1_G09		ZM_0190_B1_G09_MR
18623	ZM_0190_B1_G10	ZM_0190_B1_G10_T7C	
18624	ZM_0190_B1_G10		ZM_0190_B1_G10_MR
18625	ZM_0190_B1_G11	ZM_0190_B1_G11_T7C	
18626	ZM_0190_B1_G11		ZM_0190_B1_G11_MR
18627	ZM_0190_B1_G12	ZM_0190_B1_G12_T7C	
18628	ZM_0190_B1_G12		ZM_0190_B1_G12_MR
18629	ZM_0190_B1_H01	ZM_0190_B1_H01_T7C	
18630	ZM_0190_B1_H01		ZM_0190_B1_H01_MR
18631	ZM_0190_B1_H03		ZM_0190_B1_H03_MR
18632	ZM_0190_B1_H04	ZM_0190_B1_H04_T7C	
18633	ZM_0190_B1_H04		ZM_0190_B1_H04_MR
18634	ZM_0190_B1_H05	ZM_0190_B1_H05_T7C	
18635	ZM_0190_B1_H05		ZM_0190_B1_H05_MR
18636	ZM_0190_B1_H06	ZM_0190_B1_H06_T7C	
18637	ZM_0190_B1_H06		ZM_0190_B1_H06_MR
18638	ZM_0190_B1_H07	ZM_0190_B1_H07_T7C	
18639	ZM_0190_B1_H07		ZM_0190_B1_H07_MR
18640	ZM_0190_B1_H08	ZM_0190_B1_H08_T7C	
18641	ZM_0190_B1_H08		ZM_0190_B1_H08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18642	ZM_0190_B1_H09	ZM_0190_B1_H09_T7C	
18643	ZM_0190_B1_H09		ZM_0190_B1_H09_MR
18644	ZM_0190_B1_H10	ZM_0190_B1_H10_T7C	
18645	ZM_0190_B1_H10		ZM_0190_B1_H10_MR
18646	ZM_0190_B1_H11	ZM_0190_B1_H11_T7C	
18647	ZM_0190_B1_H11		ZM_0190_B1_H11_MR
18648	ZM_0190_B1_H12	ZM_0190_B1_H12_T7C	
18649	ZM_0190_B1_H12		ZM_0190_B1_H12_MR
18650	ZM_0190_B2_A02	ZM_0190_B2_A02_T7C	
18651	ZM_0190_B2_A02		ZM_0190_B2_A02_MR
18652	ZM_0190_B2_A03	ZM_0190_B2_A03_T7C	
18653	ZM_0190_B2_A04	ZM_0190_B2_A04_T7C	
18654	ZM_0190_B2_A04		ZM_0190_B2_A04_MR
18655	ZM_0190_B2_A05	ZM_0190_B2_A05_T7C	
18656	ZM_0190_B2_A05		ZM_0190_B2_A05_MR
18657	ZM_0190_B2_A06	ZM_0190_B2_A06_T7C	
18658	ZM_0190_B2_A06		ZM_0190_B2_A06_MR
18659	ZM_0190_B2_A07	ZM_0190_B2_A07_T7C	
18660	ZM_0190_B2_A07		ZM_0190_B2_A07_MR
18661	ZM_0190_B2_A08	ZM_0190_B2_A08_T7C	
18662	ZM_0190_B2_A08		ZM_0190_B2_A08_MR
18663	ZM_0190_B2_A10	ZM_0190_B2_A10_T7C	
18664	ZM_0190_B2_A11	ZM_0190_B2_A11_T7C	
18665	ZM_0190_B2_A11		ZM_0190_B2_A11_MR
18666	ZM_0190_B2_A12	ZM_0190_B2_A12_T7C	
18667	ZM_0190_B2_A12		ZM_0190_B2_A12_MR
18668	ZM_0190_B2_B01	ZM_0190_B2_B01_T7C	
18669	ZM_0190_B2_B01		ZM_0190_B2_B01_MR
18670	ZM_0190_B2_B02	ZM_0190_B2_B02_T7C	
18671	ZM_0190_B2_B03	ZM_0190_B2_B03_T7C	
18672	ZM_0190_B2_B03		ZM_0190_B2_B03_MR
18673	ZM_0190_B2_B04		ZM_0190_B2_B04_MR
18674	ZM_0190_B2_B05	ZM_0190_B2_B05_T7C	
18675	ZM_0190_B2_B05		ZM_0190_B2_B05_MR
18676	ZM_0190_B2_B06		ZM_0190_B2_B06_MR
18677	ZM_0190_B2_B07	ZM_0190_B2_B07_T7C	
18678	ZM_0190_B2_B07		ZM_0190_B2_B07_MR
18679	ZM_0190_B2_B08	ZM_0190_B2_B08_T7C	
18680	ZM_0190_B2_B08		ZM_0190_B2_B08_MR
18681	ZM_0190_B2_B09	ZM_0190_B2_B09_T7C	
18682	ZM_0190_B2_B09		ZM_0190_B2_B09_MR
18683	ZM_0190_B2_B10	ZM_0190_B2_B10_T7C	
18684	ZM_0190_B2_B10		ZM_0190_B2_B10_MR
18685	ZM_0190_B2_B11	ZM_0190_B2_B11_T7C	
18686	ZM_0190_B2_B11		ZM_0190_B2_B11_MR
18687	ZM_0190_B2_B12	ZM_0190_B2_B12_T7C	
18688	ZM_0190_B2_B12		ZM_0190_B2_B12_MR
18689	ZM_0190_B2_C01	ZM_0190_B2_C01_T7C	
18690	ZM_0190_B2_C01		ZM_0190_B2_C01_MR
18691	ZM_0190_B2_C02	ZM_0190_B2_C02_T7C	
18692	ZM_0190_B2_C02		ZM_0190_B2_C02_MR
18693	ZM_0190_B2_C04	ZM_0190_B2_C04_T7C	
18694	ZM_0190_B2_C04		ZM_0190_B2_C04_MR
18695	ZM_0190_B2_C05	ZM_0190_B2_C05_T7C	
18696	ZM_0190_B2_C05		ZM_0190_B2_C05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18697	ZM_0190_B2_C06	ZM_0190_B2_C06_T7C	
18698	ZM_0190_B2_C07	ZM_0190_B2_C07_T7C	
18699	ZM_0190_B2_C07		ZM_0190_B2_C07_MR
18700	ZM_0190_B2_C08	ZM_0190_B2_C08_T7C	
18701	ZM_0190_B2_C08		ZM_0190_B2_C08_MR
18702	ZM_0190_B2_C09	ZM_0190_B2_C09_T7C	
18703	ZM_0190_B2_C09		ZM_0190_B2_C09_MR
18704	ZM_0190_B2_C11	ZM_0190_B2_C11_T7C	
18705	ZM_0190_B2_C11		ZM_0190_B2_C11_MR
18706	ZM_0190_B2_C12		ZM_0190_B2_C12_MR
18707	ZM_0190_B2_D01	ZM_0190_B2_D01_T7C	
18708	ZM_0190_B2_D01		ZM_0190_B2_D01_MR
18709	ZM_0190_B2_D02		ZM_0190_B2_D02_MR
18710	ZM_0190_B2_D03	ZM_0190_B2_D03_T7C	
18711	ZM_0190_B2_D03		ZM_0190_B2_D03_MR
18712	ZM_0190_B2_D04	ZM_0190_B2_D04_T7C	
18713	ZM_0190_B2_D04		ZM_0190_B2_D04_MR
18714	ZM_0190_B2_D05	ZM_0190_B2_D05_T7C	
18715	ZM_0190_B2_D05		ZM_0190_B2_D05_MR
18716	ZM_0190_B2_D06		ZM_0190_B2_D06_MR
18717	ZM_0190_B2_D07		ZM_0190_B2_D07_MR
18718	ZM_0190_B2_D08		ZM_0190_B2_D08_MR
18719	ZM_0190_B2_D09		ZM_0190_B2_D09_MR
18720	ZM_0190_B2_E01	ZM_0190_B2_E01_T7C	
18721	ZM_0190_B2_E01		ZM_0190_B2_E01_MR
18722	ZM_0190_B2_E02	ZM_0190_B2_E02_T7C	
18723	ZM_0190_B2_E02		ZM_0190_B2_E02_MR
18724	ZM_0190_B2_E03	ZM_0190_B2_E03_T7C	
18725	ZM_0190_B2_E03		ZM_0190_B2_E03_MR
18726	ZM_0190_B2_E04	ZM_0190_B2_E04_T7C	
18727	ZM_0190_B2_E04		ZM_0190_B2_E04_MR
18728	ZM_0190_B2_E05	ZM_0190_B2_E05_T7C	
18729	ZM_0190_B2_E05		ZM_0190_B2_E05_MR
18730	ZM_0190_B2_E06		ZM_0190_B2_E06_MR
18731	ZM_0190_B2_E07	ZM_0190_B2_E07_T7C	
18732	ZM_0190_B2_E07		ZM_0190_B2_E07_MR
18733	ZM_0190_B2_E08	ZM_0190_B2_E08_T7C	
18734	ZM_0190_B2_E08		ZM_0190_B2_E08_MR
18735	ZM_0190_B2_E09	ZM_0190_B2_E09_T7C	
18736	ZM_0190_B2_E10		ZM_0190_B2_E10_MR
18737	ZM_0190_B2_E11	ZM_0190_B2_E11_T7C	
18738	ZM_0190_B2_E11		ZM_0190_B2_E11_MR
18739	ZM_0190_B2_E12	ZM_0190_B2_E12_T7C	
18740	ZM_0190_B2_E12		ZM_0190_B2_E12_MR
18741	ZM_0190_B2_F01	ZM_0190_B2_F01_T7C	
18742	ZM_0190_B2_F01		ZM_0190_B2_F01_MR
18743	ZM_0190_B2_F02	ZM_0190_B2_F02_T7C	
18744	ZM_0190_B2_F02		ZM_0190_B2_F02_MR
18745	ZM_0190_B2_F03	ZM_0190_B2_F03_T7C	
18746	ZM_0190_B2_F03		ZM_0190_B2_F03_MR
18747	ZM_0190_B2_F04		ZM_0190_B2_F04_MR
18748	ZM_0190_B2_F05		ZM_0190_B2_F05_MR
18749	ZM_0190_B2_F07	ZM_0190_B2_F07_T7C	
18750	ZM_0190_B2_F07		ZM_0190_B2_F07_MR
18751	ZM_0190_B2_F08	ZM_0190_B2_F08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18752	ZM_0190_B2_F08		ZM_0190_B2_F08_MR
18753	ZM_0190_B2_F09		ZM_0190_B2_F09_MR
18754	ZM_0190_B2_F10		ZM_0190_B2_F10_MR
18755	ZM_0190_B2_F11	ZM_0190_B2_F11_T7C	
18756	ZM_0190_B2_F11		ZM_0190_B2_F11_MR
18757	ZM_0190_B2_F12	ZM_0190_B2_F12_T7C	
18758	ZM_0190_B2_F12		ZM_0190_B2_F12_MR
18759	ZM_0190_B2_G01		ZM_0190_B2_G01_MR
18760	ZM_0190_B2_G02		ZM_0190_B2_G02_MR
18761	ZM_0190_B2_G03	ZM_0190_B2_G03_T7C	
18762	ZM_0190_B2_G03		ZM_0190_B2_G03_MR
18763	ZM_0190_B2_G04	ZM_0190_B2_G04_T7C	
18764	ZM_0190_B2_G04		ZM_0190_B2_G04_MR
18765	ZM_0190_B2_G05	ZM_0190_B2_G05_T7C	
18766	ZM_0190_B2_G06	ZM_0190_B2_G06_T7C	
18767	ZM_0190_B2_G06		ZM_0190_B2_G06_MR
18768	ZM_0190_B2_G07	ZM_0190_B2_G07_T7C	
18769	ZM_0190_B2_G07		ZM_0190_B2_G07_MR
18770	ZM_0190_B2_G08	ZM_0190_B2_G08_T7C	
18771	ZM_0190_B2_G08		ZM_0190_B2_G08_MR
18772	ZM_0190_B2_G09	ZM_0190_B2_G09_T7C	
18773	ZM_0190_B2_G09		ZM_0190_B2_G09_MR
18774	ZM_0190_B2_G10	ZM_0190_B2_G10_T7C	
18775	ZM_0190_B2_G10		ZM_0190_B2_G10_MR
18776	ZM_0190_B2_G11	ZM_0190_B2_G11_T7C	
18777	ZM_0190_B2_G11		ZM_0190_B2_G11_MR
18778	ZM_0190_B2_G12	ZM_0190_B2_G12_T7C	
18779	ZM_0190_B2_G12		ZM_0190_B2_G12_MR
18780	ZM_0190_B2_H01	ZM_0190_B2_H01_T7C	
18781	ZM_0190_B2_H01		ZM_0190_B2_H01_MR
18782	ZM_0190_B2_H02	ZM_0190_B2_H02_T7C	
18783	ZM_0190_B2_H02		ZM_0190_B2_H02_MR
18784	ZM_0190_B2_H03	ZM_0190_B2_H03_T7C	
18785	ZM_0190_B2_H04	ZM_0190_B2_H04_T7C	
18786	ZM_0190_B2_H04		ZM_0190_B2_H04_MR
18787	ZM_0190_B2_H05	ZM_0190_B2_H05_T7C	
18788	ZM_0190_B2_H05		ZM_0190_B2_H05_MR
18789	ZM_0190_B2_H06	ZM_0190_B2_H06_T7C	
18790	ZM_0190_B2_H06		ZM_0190_B2_H06_MR
18791	ZM_0190_B2_H07		ZM_0190_B2_H07_MR
18792	ZM_0190_B2_H08	ZM_0190_B2_H08_T7C	
18793	ZM_0190_B2_H08		ZM_0190_B2_H08_MR
18794	ZM_0190_B2_H09	ZM_0190_B2_H09_T7C	
18795	ZM_0190_B2_H09		ZM_0190_B2_H09_MR
18796	ZM_0191_A1_A02		ZM_0191_A1_A02_MR
18797	ZM_0191_A1_A03	ZM_0191_A1_A03_T7C	
18798	ZM_0191_A1_A03		ZM_0191_A1_A03_MR
18799	ZM_0191_A1_A04	ZM_0191_A1_A04_T7C	
18800	ZM_0191_A1_A05		ZM_0191_A1_A05_MR
18801	ZM_0191_A1_A06	ZM_0191_A1_A06_T7C	
18802	ZM_0191_A1_A06		ZM_0191_A1_A06_MR
18803	ZM_0191_A1_A09	ZM_0191_A1_A09_T7C	
18804	ZM_0191_A1_A11		ZM_0191_A1_A11_MR
18805	ZM_0191_A1_A12	ZM_0191_A1_A12_T7C	
18806	ZM_0191_A1_B01	ZM_0191_A1_B01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18807	ZM_0191_A1_B05		ZM_0191_A1_B05_MR
18808	ZM_0191_A1_B09	ZM_0191_A1_B09_T7C	
18809	ZM_0191_A1_B09		ZM_0191_A1_B09_MR
18810	ZM_0191_A1_B10	ZM_0191_A1_B10_T7C	
18811	ZM_0191_A1_B10		ZM_0191_A1_B10_MR
18812	ZM_0191_A1_B11	ZM_0191_A1_B11_T7C	
18813	ZM_0191_A1_B12	ZM_0191_A1_B12_T7C	
18814	ZM_0191_A1_C01		ZM_0191_A1_C01_MR
18815	ZM_0191_A1_C03		ZM_0191_A1_C03_MR
18816	ZM_0191_A1_C04		ZM_0191_A1_C04_MR
18817	ZM_0191_A1_C05		ZM_0191_A1_C05_MR
18818	ZM_0191_A1_C07	ZM_0191_A1_C07_T7C	
18819	ZM_0191_A1_C08		ZM_0191_A1_C08_MR
18820	ZM_0191_A1_C10	ZM_0191_A1_C10_T7C	
18821	ZM_0191_A1_C11	ZM_0191_A1_C11_T7C	
18822	ZM_0191_A1_C12	ZM_0191_A1_C12_T7C	
18823	ZM_0191_A1_D05	ZM_0191_A1_D05_T7C	
18824	ZM_0191_A1_D07		ZM_0191_A1_D07_MR
18825	ZM_0191_A1_D08		ZM_0191_A1_D08_MR
18826	ZM_0191_A1_D09		ZM_0191_A1_D09_MR
18827	ZM_0191_A1_D10	ZM_0191_A1_D10_T7C	
18828	ZM_0191_A1_D10		ZM_0191_A1_D10_MR
18829	ZM_0191_A1_D12	ZM_0191_A1_D12_T7C	
18830	ZM_0191_A1_E01		ZM_0191_A1_E01_MR
18831	ZM_0191_A1_E02	ZM_0191_A1_E02_T7C	
18832	ZM_0191_A1_E03		ZM_0191_A1_E03_MR
18833	ZM_0191_A1_E04		ZM_0191_A1_E04_MR
18834	ZM_0191_A1_E08	ZM_0191_A1_E08_T7C	
18835	ZM_0191_A1_E10	ZM_0191_A1_E10_T7C	
18836	ZM_0191_A1_E10		ZM_0191_A1_E10_MR
18837	ZM_0191_A1_E11	ZM_0191_A1_E11_T7C	
18838	ZM_0191_A1_E12		ZM_0191_A1_E12_MR
18839	ZM_0191_A1_F01		ZM_0191_A1_F01_MR
18840	ZM_0191_A1_F04		ZM_0191_A1_F04_MR
18841	ZM_0191_A1_F08	ZM_0191_A1_F08_T7C	
18842	ZM_0191_A1_F08		ZM_0191_A1_F08_MR
18843	ZM_0191_A1_F09		ZM_0191_A1_F09_MR
18844	ZM_0191_A1_F10		ZM_0191_A1_F10_MR
18845	ZM_0191_A1_F11		ZM_0191_A1_F11_MR
18846	ZM_0191_A1_F12	ZM_0191_A1_F12_T7C	
18847	ZM_0191_A1_G02		ZM_0191_A1_G02_MR
18848	ZM_0191_A1_G05		ZM_0191_A1_G05_MR
18849	ZM_0191_A1_G07		ZM_0191_A1_G07_MR
18850	ZM_0191_A1_G08		ZM_0191_A1_G08_MR
18851	ZM_0191_A1_G09		ZM_0191_A1_G09_MR
18852	ZM_0191_A1_G10	ZM_0191_A1_G10_T7C	
18853	ZM_0191_A1_G10		ZM_0191_A1_G10_MR
18854	ZM_0191_A1_H03		ZM_0191_A1_H03_MR
18855	ZM_0191_A1_H04	ZM_0191_A1_H04_T7C	
18856	ZM_0191_A1_H04		ZM_0191_A1_H04_MR
18857	ZM_0191_A1_H07		ZM_0191_A1_H07_MR
18858	ZM_0191_A1_H08		ZM_0191_A1_H08_MR
18859	ZM_0191_A1_H12		ZM_0191_A1_H12_MR
18860	ZM_0191_A2_A02	ZM_0191_A2_A02_T7C	
18861	ZM_0191_A2_A02		ZM_0191_A2_A02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18862	ZM_0191_A2_A03	ZM_0191_A2_A03_T7C	
18863	ZM_0191_A2_A03		ZM_0191_A2_A03_MR
18864	ZM_0191_A2_A04	ZM_0191_A2_A04_T7C	
18865	ZM_0191_A2_A04		ZM_0191_A2_A04_MR
18866	ZM_0191_A2_A05	ZM_0191_A2_A05_T7C	
18867	ZM_0191_A2_A05		ZM_0191_A2_A05_MR
18868	ZM_0191_A2_A06	ZM_0191_A2_A06_T7C	
18869	ZM_0191_A2_A06		ZM_0191_A2_A06_MR
18870	ZM_0191_A2_A07	ZM_0191_A2_A07_T7C	
18871	ZM_0191_A2_A07		ZM_0191_A2_A07_MR
18872	ZM_0191_A2_A08	ZM_0191_A2_A08_T7C	
18873	ZM_0191_A2_A09	ZM_0191_A2_A09_T7C	
18874	ZM_0191_A2_A09		ZM_0191_A2_A09_MR
18875	ZM_0191_A2_A10	ZM_0191_A2_A10_T7C	
18876	ZM_0191_A2_A10		ZM_0191_A2_A10_MR
18877	ZM_0191_A2_A11	ZM_0191_A2_A11_T7C	
18878	ZM_0191_A2_A11		ZM_0191_A2_A11_MR
18879	ZM_0191_A2_A12	ZM_0191_A2_A12_T7C	
18880	ZM_0191_A2_A12		ZM_0191_A2_A12_MR
18881	ZM_0191_A2_B01	ZM_0191_A2_B01_T7C	
18882	ZM_0191_A2_B01		ZM_0191_A2_B01_MR
18883	ZM_0191_A2_B02	ZM_0191_A2_B02_T7C	
18884	ZM_0191_A2_B02		ZM_0191_A2_B02_MR
18885	ZM_0191_A2_B03	ZM_0191_A2_B03_T7C	
18886	ZM_0191_A2_B03		ZM_0191_A2_B03_MR
18887	ZM_0191_A2_B04	ZM_0191_A2_B04_T7C	
18888	ZM_0191_A2_B04		ZM_0191_A2_B04_MR
18889	ZM_0191_A2_B05	ZM_0191_A2_B05_T7C	
18890	ZM_0191_A2_B05		ZM_0191_A2_B05_MR
18891	ZM_0191_A2_B06	ZM_0191_A2_B06_T7C	
18892	ZM_0191_A2_B06		ZM_0191_A2_B06_MR
18893	ZM_0191_A2_B07	ZM_0191_A2_B07_T7C	
18894	ZM_0191_A2_B07		ZM_0191_A2_B07_MR
18895	ZM_0191_A2_B08	ZM_0191_A2_B08_T7C	
18896	ZM_0191_A2_B08		ZM_0191_A2_B08_MR
18897	ZM_0191_A2_B09	ZM_0191_A2_B09_T7C	
18898	ZM_0191_A2_B09		ZM_0191_A2_B09_MR
18899	ZM_0191_A2_B10	ZM_0191_A2_B10_T7C	
18900	ZM_0191_A2_B10		ZM_0191_A2_B10_MR
18901	ZM_0191_A2_B11	ZM_0191_A2_B11_T7C	
18902	ZM_0191_A2_B12	ZM_0191_A2_B12_T7C	
18903	ZM_0191_A2_C01	ZM_0191_A2_C01_T7C	
18904	ZM_0191_A2_C01		ZM_0191_A2_C01_MR
18905	ZM_0191_A2_C02	ZM_0191_A2_C02_T7C	
18906	ZM_0191_A2_C03	ZM_0191_A2_C03_T7C	
18907	ZM_0191_A2_C04	ZM_0191_A2_C04_T7C	
18908	ZM_0191_A2_C05	ZM_0191_A2_C05_T7C	
18909	ZM_0191_A2_C05		ZM_0191_A2_C05_MR
18910	ZM_0191_A2_C06	ZM_0191_A2_C06_T7C	
18911	ZM_0191_A2_C06		ZM_0191_A2_C06_MR
18912	ZM_0191_A2_C07	ZM_0191_A2_C07_T7C	
18913	ZM_0191_A2_C07		ZM_0191_A2_C07_MR
18914	ZM_0191_A2_C08	ZM_0191_A2_C08_T7C	
18915	ZM_0191_A2_C08		ZM_0191_A2_C08_MR
18916	ZM_0191_A2_C09	ZM_0191_A2_C09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18917	ZM_0191_A2_C09		ZM_0191_A2_C09_MR
18918	ZM_0191_A2_C10	ZM_0191_A2_C10_T7C	
18919	ZM_0191_A2_C10		ZM_0191_A2_C10_MR
18920	ZM_0191_A2_C11	ZM_0191_A2_C11_T7C	
18921	ZM_0191_A2_C12	ZM_0191_A2_C12_T7C	
18922	ZM_0191_A2_C12		ZM_0191_A2_C12_MR
18923	ZM_0191_A2_D01	ZM_0191_A2_D01_T7C	
18924	ZM_0191_A2_D01		ZM_0191_A2_D01_MR
18925	ZM_0191_A2_D02	ZM_0191_A2_D02_T7C	
18926	ZM_0191_A2_D02		ZM_0191_A2_D02_MR
18927	ZM_0191_A2_D03	ZM_0191_A2_D03_T7C	
18928	ZM_0191_A2_D03		ZM_0191_A2_D03_MR
18929	ZM_0191_A2_D04	ZM_0191_A2_D04_T7C	
18930	ZM_0191_A2_D04		ZM_0191_A2_D04_MR
18931	ZM_0191_A2_D05	ZM_0191_A2_D05_T7C	
18932	ZM_0191_A2_D05		ZM_0191_A2_D05_MR
18933	ZM_0191_A2_D06	ZM_0191_A2_D06_T7C	
18934	ZM_0191_A2_D06		ZM_0191_A2_D06_MR
18935	ZM_0191_A2_D07	ZM_0191_A2_D07_T7C	
18936	ZM_0191_A2_D07		ZM_0191_A2_D07_MR
18937	ZM_0191_A2_D08	ZM_0191_A2_D08_T7C	
18938	ZM_0191_A2_D08		ZM_0191_A2_D08_MR
18939	ZM_0191_A2_D09	ZM_0191_A2_D09_T7C	
18940	ZM_0191_A2_D09		ZM_0191_A2_D09_MR
18941	ZM_0191_A2_D10	ZM_0191_A2_D10_T7C	
18942	ZM_0191_A2_D10		ZM_0191_A2_D10_MR
18943	ZM_0191_A2_D11	ZM_0191_A2_D11_T7C	
18944	ZM_0191_A2_D12	ZM_0191_A2_D12_T7C	
18945	ZM_0191_A2_D12		ZM_0191_A2_D12_MR
18946	ZM_0191_A2_E01	ZM_0191_A2_E01_T7C	
18947	ZM_0191_A2_E01		ZM_0191_A2_E01_MR
18948	ZM_0191_A2_E02	ZM_0191_A2_E02_T7C	
18949	ZM_0191_A2_E03	ZM_0191_A2_E03_T7C	
18950	ZM_0191_A2_E03		ZM_0191_A2_E03_MR
18951	ZM_0191_A2_E04	ZM_0191_A2_E04_T7C	
18952	ZM_0191_A2_E04		ZM_0191_A2_E04_MR
18953	ZM_0191_A2_E05	ZM_0191_A2_E05_T7C	
18954	ZM_0191_A2_E06		ZM_0191_A2_E06_MR
18955	ZM_0191_A2_E07	ZM_0191_A2_E07_T7C	
18956	ZM_0191_A2_E07		ZM_0191_A2_E07_MR
18957	ZM_0191_A2_E08	ZM_0191_A2_E08_T7C	
18958	ZM_0191_A2_E09	ZM_0191_A2_E09_T7C	
18959	ZM_0191_A2_E10	ZM_0191_A2_E10_T7C	
18960	ZM_0191_A2_E10		ZM_0191_A2_E10_MR
18961	ZM_0191_A2_E11	ZM_0191_A2_E11_T7C	
18962	ZM_0191_A2_E12	ZM_0191_A2_E12_T7C	
18963	ZM_0191_A2_E12		ZM_0191_A2_E12_MR
18964	ZM_0191_A2_F01	ZM_0191_A2_F01_T7C	
18965	ZM_0191_A2_F01		ZM_0191_A2_F01_MR
18966	ZM_0191_A2_F02	ZM_0191_A2_F02_T7C	
18967	ZM_0191_A2_F03	ZM_0191_A2_F03_T7C	
18968	ZM_0191_A2_F04	ZM_0191_A2_F04_T7C	
18969	ZM_0191_A2_F05	ZM_0191_A2_F05_T7C	
18970	ZM_0191_A2_F05		ZM_0191_A2_F05_MR
18971	ZM_0191_A2_F06	ZM_0191_A2_F06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
18972	ZM_0191_A2_F07	ZM_0191_A2_F07_T7C	
18973	ZM_0191_A2_F07		ZM_0191_A2_F07_MR
18974	ZM_0191_A2_F08	ZM_0191_A2_F08_T7C	
18975	ZM_0191_A2_F08		ZM_0191_A2_F08_MR
18976	ZM_0191_A2_F10	ZM_0191_A2_F10_T7C	
18977	ZM_0191_A2_F10		ZM_0191_A2_F10_MR
18978	ZM_0191_A2_F11	ZM_0191_A2_F11_T7C	
18979	ZM_0191_A2_F11		ZM_0191_A2_F11_MR
18980	ZM_0191_A2_F12	ZM_0191_A2_F12_T7C	
18981	ZM_0191_A2_F12		ZM_0191_A2_F12_MR
18982	ZM_0191_A2_G01	ZM_0191_A2_G01_T7C	
18983	ZM_0191_A2_G01		ZM_0191_A2_G01_MR
18984	ZM_0191_A2_G02	ZM_0191_A2_G02_T7C	
18985	ZM_0191_A2_G02		ZM_0191_A2_G02_MR
18986	ZM_0191_A2_G03	ZM_0191_A2_G03_T7C	
18987	ZM_0191_A2_G04	ZM_0191_A2_G04_T7C	
18988	ZM_0191_A2_G04		ZM_0191_A2_G04_MR
18989	ZM_0191_A2_G05	ZM_0191_A2_G05_T7C	
18990	ZM_0191_A2_G05		ZM_0191_A2_G05_MR
18991	ZM_0191_A2_G06	ZM_0191_A2_G06_T7C	
18992	ZM_0191_A2_G06		ZM_0191_A2_G06_MR
18993	ZM_0191_A2_G07	ZM_0191_A2_G07_T7C	
18994	ZM_0191_A2_G07		ZM_0191_A2_G07_MR
18995	ZM_0191_A2_G08	ZM_0191_A2_G08_T7C	
18996	ZM_0191_A2_G08		ZM_0191_A2_G08_MR
18997	ZM_0191_A2_G09	ZM_0191_A2_G09_T7C	
18998	ZM_0191_A2_G10	ZM_0191_A2_G10_T7C	
18999	ZM_0191_A2_G10		ZM_0191_A2_G10_MR
19000	ZM_0191_A2_G11	ZM_0191_A2_G11_T7C	
19001	ZM_0191_A2_G11		ZM_0191_A2_G11_MR
19002	ZM_0191_A2_G12	ZM_0191_A2_G12_T7C	
19003	ZM_0191_A2_G12		ZM_0191_A2_G12_MR
19004	ZM_0191_A2_H01	ZM_0191_A2_H01_T7C	
19005	ZM_0191_A2_H01		ZM_0191_A2_H01_MR
19006	ZM_0191_A2_H02	ZM_0191_A2_H02_T7C	
19007	ZM_0191_A2_H02		ZM_0191_A2_H02_MR
19008	ZM_0191_A2_H03	ZM_0191_A2_H03_T7C	
19009	ZM_0191_A2_H03		ZM_0191_A2_H03_MR
19010	ZM_0191_A2_H04	ZM_0191_A2_H04_T7C	
19011	ZM_0191_A2_H04		ZM_0191_A2_H04_MR
19012	ZM_0191_A2_H05	ZM_0191_A2_H05_T7C	
19013	ZM_0191_A2_H05		ZM_0191_A2_H05_MR
19014	ZM_0191_A2_H06	ZM_0191_A2_H06_T7C	
19015	ZM_0191_A2_H06		ZM_0191_A2_H06_MR
19016	ZM_0191_A2_H07	ZM_0191_A2_H07_T7C	
19017	ZM_0191_A2_H07		ZM_0191_A2_H07_MR
19018	ZM_0191_A2_H08	ZM_0191_A2_H08_T7C	
19019	ZM_0191_A2_H08		ZM_0191_A2_H08_MR
19020	ZM_0191_A2_H09	ZM_0191_A2_H09_T7C	
19021	ZM_0191_A2_H09		ZM_0191_A2_H09_MR
19022	ZM_0191_A2_H10	ZM_0191_A2_H10_T7C	
19023	ZM_0191_A2_H10		ZM_0191_A2_H10_MR
19024	ZM_0191_A2_H11	ZM_0191_A2_H11_T7C	
19025	ZM_0191_A2_H11		ZM_0191_A2_H11_MR
19026	ZM_0191_A2_H12	ZM_0191_A2_H12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19027	ZM_0191_A2_H12		ZM_0191_A2_H12_MR
19028	ZM_0191_B1_A01	ZM_0191_B1_A01_T7C	
19029	ZM_0191_B1_A01		ZM_0191_B1_A01_MR
19030	ZM_0191_B1_A02		ZM_0191_B1_A02_MR
19031	ZM_0191_B1_A03	ZM_0191_B1_A03_T7C	
19032	ZM_0191_B1_A03		ZM_0191_B1_A03_MR
19033	ZM_0191_B1_A04	ZM_0191_B1_A04_T7C	
19034	ZM_0191_B1_A05	ZM_0191_B1_A05_T7C	
19035	ZM_0191_B1_A05		ZM_0191_B1_A05_MR
19036	ZM_0191_B1_A06	ZM_0191_B1_A06_T7C	
19037	ZM_0191_B1_A07	ZM_0191_B1_A07_T7C	
19038	ZM_0191_B1_A07		ZM_0191_B1_A07_MR
19039	ZM_0191_B1_A08	ZM_0191_B1_A08_T7C	
19040	ZM_0191_B1_A08		ZM_0191_B1_A08_MR
19041	ZM_0191_B1_A09	ZM_0191_B1_A09_T7C	
19042	ZM_0191_B1_A10	ZM_0191_B1_A10_T7C	
19043	ZM_0191_B1_A10		ZM_0191_B1_A10_MR
19044	ZM_0191_B1_A11	ZM_0191_B1_A11_T7C	
19045	ZM_0191_B1_A12	ZM_0191_B1_A12_T7C	
19046	ZM_0191_B1_B02	ZM_0191_B1_B02_T7C	
19047	ZM_0191_B1_B02		ZM_0191_B1_B02_MR
19048	ZM_0191_B1_B03	ZM_0191_B1_B03_T7C	
19049	ZM_0191_B1_B03		ZM_0191_B1_B03_MR
19050	ZM_0191_B1_B04	ZM_0191_B1_B04_T7C	
19051	ZM_0191_B1_B04		ZM_0191_B1_B04_MR
19052	ZM_0191_B1_B05	ZM_0191_B1_B05_T7C	
19053	ZM_0191_B1_B05		ZM_0191_B1_B05_MR
19054	ZM_0191_B1_B06	ZM_0191_B1_B06_T7C	
19055	ZM_0191_B1_B07	ZM_0191_B1_B07_T7C	
19056	ZM_0191_B1_B07		ZM_0191_B1_B07_MR
19057	ZM_0191_B1_B08	ZM_0191_B1_B08_T7C	
19058	ZM_0191_B1_B08		ZM_0191_B1_B08_MR
19059	ZM_0191_B1_B09	ZM_0191_B1_B09_T7C	
19060	ZM_0191_B1_B10	ZM_0191_B1_B10_T7C	
19061	ZM_0191_B1_B10		ZM_0191_B1_B10_MR
19062	ZM_0191_B1_B11		ZM_0191_B1_B11_MR
19063	ZM_0191_B1_B12	ZM_0191_B1_B12_T7C	
19064	ZM_0191_B1_C01	ZM_0191_B1_C01_T7C	
19065	ZM_0191_B1_C01		ZM_0191_B1_C01_MR
19066	ZM_0191_B1_C02	ZM_0191_B1_C02_T7C	
19067	ZM_0191_B1_C02		ZM_0191_B1_C02_MR
19068	ZM_0191_B1_C03	ZM_0191_B1_C03_T7C	
19069	ZM_0191_B1_C03		ZM_0191_B1_C03_MR
19070	ZM_0191_B1_C04	ZM_0191_B1_C04_T7C	
19071	ZM_0191_B1_C04		ZM_0191_B1_C04_MR
19072	ZM_0191_B1_C05	ZM_0191_B1_C05_T7C	
19073	ZM_0191_B1_C05		ZM_0191_B1_C05_MR
19074	ZM_0191_B1_C06	ZM_0191_B1_C06_T7C	
19075	ZM_0191_B1_C07	ZM_0191_B1_C07_T7C	
19076	ZM_0191_B1_C07		ZM_0191_B1_C07_MR
19077	ZM_0191_B1_C08	ZM_0191_B1_C08_T7C	
19078	ZM_0191_B1_C08		ZM_0191_B1_C08_MR
19079	ZM_0191_B1_C09	ZM_0191_B1_C09_T7C	
19080	ZM_0191_B1_C09		ZM_0191_B1_C09_MR
19081	ZM_0191_B1_C10	ZM_0191_B1_C10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19082	ZM_0191_B1_C10		ZM_0191_B1_C10_MR
19083	ZM_0191_B1_C11		ZM_0191_B1_C11_MR
19084	ZM_0191_B1_C12	ZM_0191_B1_C12_T7C	
19085	ZM_0191_B1_C12		ZM_0191_B1_C12_MR
19086	ZM_0191_B1_D01	ZM_0191_B1_D01_T7C	
19087	ZM_0191_B1_D01		ZM_0191_B1_D01_MR
19088	ZM_0191_B1_D02	ZM_0191_B1_D02_T7C	
19089	ZM_0191_B1_D03	ZM_0191_B1_D03_T7C	
19090	ZM_0191_B1_D03		ZM_0191_B1_D03_MR
19091	ZM_0191_B1_D04	ZM_0191_B1_D04_T7C	
19092	ZM_0191_B1_D05	ZM_0191_B1_D05_T7C	
19093	ZM_0191_B1_D05		ZM_0191_B1_D05_MR
19094	ZM_0191_B1_D07	ZM_0191_B1_D07_T7C	
19095	ZM_0191_B1_D07		ZM_0191_B1_D07_MR
19096	ZM_0191_B1_D08		ZM_0191_B1_D08_MR
19097	ZM_0191_B1_D09	ZM_0191_B1_D09_T7C	
19098	ZM_0191_B1_D10	ZM_0191_B1_D10_T7C	
19099	ZM_0191_B1_D11		ZM_0191_B1_D11_MR
19100	ZM_0191_B1_D12	ZM_0191_B1_D12_T7C	
19101	ZM_0191_B1_D12		ZM_0191_B1_D12_MR
19102	ZM_0191_B1_E01	ZM_0191_B1_E01_T7C	
19103	ZM_0191_B1_E01		ZM_0191_B1_E01_MR
19104	ZM_0191_B1_E02	ZM_0191_B1_E02_T7C	
19105	ZM_0191_B1_E02		ZM_0191_B1_E02_MR
19106	ZM_0191_B1_E03	ZM_0191_B1_E03_T7C	
19107	ZM_0191_B1_E04	ZM_0191_B1_E04_T7C	
19108	ZM_0191_B1_E04		ZM_0191_B1_E04_MR
19109	ZM_0191_B1_E05	ZM_0191_B1_E05_T7C	
19110	ZM_0191_B1_E05		ZM_0191_B1_E05_MR
19111	ZM_0191_B1_E06	ZM_0191_B1_E06_T7C	
19112	ZM_0191_B1_E06		ZM_0191_B1_E06_MR
19113	ZM_0191_B1_E07	ZM_0191_B1_E07_T7C	
19114	ZM_0191_B1_E07		ZM_0191_B1_E07_MR
19115	ZM_0191_B1_E08	ZM_0191_B1_E08_T7C	
19116	ZM_0191_B1_E08		ZM_0191_B1_E08_MR
19117	ZM_0191_B1_E09	ZM_0191_B1_E09_T7C	
19118	ZM_0191_B1_E09		ZM_0191_B1_E09_MR
19119	ZM_0191_B1_E10	ZM_0191_B1_E10_T7C	
19120	ZM_0191_B1_E10		ZM_0191_B1_E10_MR
19121	ZM_0191_B1_E12	ZM_0191_B1_E12_T7C	
19122	ZM_0191_B1_E12		ZM_0191_B1_E12_MR
19123	ZM_0191_B1_F01	ZM_0191_B1_F01_T7C	
19124	ZM_0191_B1_F02	ZM_0191_B1_F02_T7C	
19125	ZM_0191_B1_F02		ZM_0191_B1_F02_MR
19126	ZM_0191_B1_F03	ZM_0191_B1_F03_T7C	
19127	ZM_0191_B1_F03		ZM_0191_B1_F03_MR
19128	ZM_0191_B1_F04	ZM_0191_B1_F04_T7C	
19129	ZM_0191_B1_F04		ZM_0191_B1_F04_MR
19130	ZM_0191_B1_F05	ZM_0191_B1_F05_T7C	
19131	ZM_0191_B1_F05		ZM_0191_B1_F05_MR
19132	ZM_0191_B1_F06	ZM_0191_B1_F06_T7C	
19133	ZM_0191_B1_F06		ZM_0191_B1_F06_MR
19134	ZM_0191_B1_F07	ZM_0191_B1_F07_T7C	
19135	ZM_0191_B1_F07		ZM_0191_B1_F07_MR
19136	ZM_0191_B1_F08	ZM_0191_B1_F08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19137	ZM_0191_B1_F08		ZM_0191_B1_F08_MR
19138	ZM_0191_B1_F09	ZM_0191_B1_F09_T7C	
19139	ZM_0191_B1_F09		ZM_0191_B1_F09_MR
19140	ZM_0191_B1_F10	ZM_0191_B1_F10_T7C	
19141	ZM_0191_B1_F10		ZM_0191_B1_F10_MR
19142	ZM_0191_B1_F11	ZM_0191_B1_F11_T7C	
19143	ZM_0191_B1_F11		ZM_0191_B1_F11_MR
19144	ZM_0191_B1_F12	ZM_0191_B1_F12_T7C	
19145	ZM_0191_B1_G01	ZM_0191_B1_G01_T7C	
19146	ZM_0191_B1_G02	ZM_0191_B1_G02_T7C	
19147	ZM_0191_B1_G02		ZM_0191_B1_G02_MR
19148	ZM_0191_B1_G03	ZM_0191_B1_G03_T7C	
19149	ZM_0191_B1_G03		ZM_0191_B1_G03_MR
19150	ZM_0191_B1_G04	ZM_0191_B1_G04_T7C	
19151	ZM_0191_B1_G04		ZM_0191_B1_G04_MR
19152	ZM_0191_B1_G05	ZM_0191_B1_G05_T7C	
19153	ZM_0191_B1_G05		ZM_0191_B1_G05_MR
19154	ZM_0191_B1_G06		ZM_0191_B1_G06_MR
19155	ZM_0191_B1_G07	ZM_0191_B1_G07_T7C	
19156	ZM_0191_B1_G07		ZM_0191_B1_G07_MR
19157	ZM_0191_B1_G08	ZM_0191_B1_G08_T7C	
19158	ZM_0191_B1_G08		ZM_0191_B1_G08_MR
19159	ZM_0191_B1_G10	ZM_0191_B1_G10_T7C	
19160	ZM_0191_B1_G10		ZM_0191_B1_G10_MR
19161	ZM_0191_B1_G11	ZM_0191_B1_G11_T7C	
19162	ZM_0191_B1_G11		ZM_0191_B1_G11_MR
19163	ZM_0191_B1_G12	ZM_0191_B1_G12_T7C	
19164	ZM_0191_B1_G12		ZM_0191_B1_G12_MR
19165	ZM_0191_B1_H01		ZM_0191_B1_H01_MR
19166	ZM_0191_B1_H02	ZM_0191_B1_H02_T7C	
19167	ZM_0191_B1_H02		ZM_0191_B1_H02_MR
19168	ZM_0191_B1_H03	ZM_0191_B1_H03_T7C	
19169	ZM_0191_B1_H03		ZM_0191_B1_H03_MR
19170	ZM_0191_B1_H04	ZM_0191_B1_H04_T7C	
19171	ZM_0191_B1_H04		ZM_0191_B1_H04_MR
19172	ZM_0191_B1_H05	ZM_0191_B1_H05_T7C	
19173	ZM_0191_B1_H05		ZM_0191_B1_H05_MR
19174	ZM_0191_B1_H06	ZM_0191_B1_H06_T7C	
19175	ZM_0191_B1_H06		ZM_0191_B1_H06_MR
19176	ZM_0191_B1_H07	ZM_0191_B1_H07_T7C	
19177	ZM_0191_B1_H07		ZM_0191_B1_H07_MR
19178	ZM_0191_B1_H08		ZM_0191_B1_H08_MR
19179	ZM_0191_B1_H09	ZM_0191_B1_H09_T7C	
19180	ZM_0191_B1_H09		ZM_0191_B1_H09_MR
19181	ZM_0191_B1_H10		ZM_0191_B1_H10_MR
19182	ZM_0191_B1_H11	ZM_0191_B1_H11_T7C	
19183	ZM_0191_B1_H11		ZM_0191_B1_H11_MR
19184	ZM_0191_B1_H12		ZM_0191_B1_H12_MR
19185	ZM_0191_B2_A01		ZM_0191_B2_A01_MR
19186	ZM_0191_B2_A02	ZM_0191_B2_A02_T7C	
19187	ZM_0191_B2_A02		ZM_0191_B2_A02_MR
19188	ZM_0191_B2_A03	ZM_0191_B2_A03_T7C	
19189	ZM_0191_B2_A03		ZM_0191_B2_A03_MR
19190	ZM_0191_B2_A04	ZM_0191_B2_A04_T7C	
19191	ZM_0191_B2_A04		ZM_0191_B2_A04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19192	ZM_0191_B2_A05	ZM_0191_B2_A05_T7C	
19193	ZM_0191_B2_A05		ZM_0191_B2_A05_MR
19194	ZM_0191_B2_A06	ZM_0191_B2_A06_T7C	
19195	ZM_0191_B2_A06		ZM_0191_B2_A06_MR
19196	ZM_0191_B2_A07	ZM_0191_B2_A07_T7C	
19197	ZM_0191_B2_A07		ZM_0191_B2_A07_MR
19198	ZM_0191_B2_A08	ZM_0191_B2_A08_T7C	
19199	ZM_0191_B2_A08		ZM_0191_B2_A08_MR
19200	ZM_0191_B2_A09	ZM_0191_B2_A09_T7C	
19201	ZM_0191_B2_A10	ZM_0191_B2_A10_T7C	
19202	ZM_0191_B2_A10		ZM_0191_B2_A10_MR
19203	ZM_0191_B2_A11	ZM_0191_B2_A11_T7C	
19204	ZM_0191_B2_A11		ZM_0191_B2_A11_MR
19205	ZM_0191_B2_A12	ZM_0191_B2_A12_T7C	
19206	ZM_0191_B2_A12		ZM_0191_B2_A12_MR
19207	ZM_0191_B2_B01	ZM_0191_B2_B01_T7C	
19208	ZM_0191_B2_B01		ZM_0191_B2_B01_MR
19209	ZM_0191_B2_B02	ZM_0191_B2_B02_T7C	
19210	ZM_0191_B2_B02		ZM_0191_B2_B02_MR
19211	ZM_0191_B2_B03	ZM_0191_B2_B03_T7C	
19212	ZM_0191_B2_B03		ZM_0191_B2_B03_MR
19213	ZM_0191_B2_B04	ZM_0191_B2_B04_T7C	
19214	ZM_0191_B2_B04		ZM_0191_B2_B04_MR
19215	ZM_0191_B2_B05	ZM_0191_B2_B05_T7C	
19216	ZM_0191_B2_B05		ZM_0191_B2_B05_MR
19217	ZM_0191_B2_B06	ZM_0191_B2_B06_T7C	
19218	ZM_0191_B2_B06		ZM_0191_B2_B06_MR
19219	ZM_0191_B2_B07	ZM_0191_B2_B07_T7C	
19220	ZM_0191_B2_B07		ZM_0191_B2_B07_MR
19221	ZM_0191_B2_B08	ZM_0191_B2_B08_T7C	
19222	ZM_0191_B2_B08		ZM_0191_B2_B08_MR
19223	ZM_0191_B2_B10	ZM_0191_B2_B10_T7C	
19224	ZM_0191_B2_B10		ZM_0191_B2_B10_MR
19225	ZM_0191_B2_B11	ZM_0191_B2_B11_T7C	
19226	ZM_0191_B2_B11		ZM_0191_B2_B11_MR
19227	ZM_0191_B2_B12		ZM_0191_B2_B12_MR
19228	ZM_0191_B2_C01	ZM_0191_B2_C01_T7C	
19229	ZM_0191_B2_C01		ZM_0191_B2_C01_MR
19230	ZM_0191_B2_C02		ZM_0191_B2_C02_MR
19231	ZM_0191_B2_C03	ZM_0191_B2_C03_T7C	
19232	ZM_0191_B2_C03		ZM_0191_B2_C03_MR
19233	ZM_0191_B2_C04	ZM_0191_B2_C04_T7C	
19234	ZM_0191_B2_C04		ZM_0191_B2_C04_MR
19235	ZM_0191_B2_C05	ZM_0191_B2_C05_T7C	
19236	ZM_0191_B2_C05		ZM_0191_B2_C05_MR
19237	ZM_0191_B2_C06	ZM_0191_B2_C06_T7C	
19238	ZM_0191_B2_C06		ZM_0191_B2_C06_MR
19239	ZM_0191_B2_C07	ZM_0191_B2_C07_T7C	
19240	ZM_0191_B2_C07		ZM_0191_B2_C07_MR
19241	ZM_0191_B2_C08	ZM_0191_B2_C08_T7C	
19242	ZM_0191_B2_C08		ZM_0191_B2_C08_MR
19243	ZM_0191_B2_C09	ZM_0191_B2_C09_T7C	
19244	ZM_0191_B2_C09		ZM_0191_B2_C09_MR
19245	ZM_0191_B2_C10	ZM_0191_B2_C10_T7C	
19246	ZM_0191_B2_C10		ZM_0191_B2_C10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19247	ZM_0191_B2_C12	ZM_0191_B2_C12_T7C	
19248	ZM_0191_B2_C12		ZM_0191_B2_C12_MR
19249	ZM_0191_B2_D02	ZM_0191_B2_D02_T7C	
19250	ZM_0191_B2_D02		ZM_0191_B2_D02_MR
19251	ZM_0191_B2_D03	ZM_0191_B2_D03_T7C	
19252	ZM_0191_B2_D03		ZM_0191_B2_D03_MR
19253	ZM_0191_B2_D04	ZM_0191_B2_D04_T7C	
19254	ZM_0191_B2_D04		ZM_0191_B2_D04_MR
19255	ZM_0191_B2_D05	ZM_0191_B2_D05_T7C	
19256	ZM_0191_B2_D05		ZM_0191_B2_D05_MR
19257	ZM_0191_B2_D06	ZM_0191_B2_D06_T7C	
19258	ZM_0191_B2_D06		ZM_0191_B2_D06_MR
19259	ZM_0191_B2_D07	ZM_0191_B2_D07_T7C	
19260	ZM_0191_B2_D07		ZM_0191_B2_D07_MR
19261	ZM_0191_B2_D08	ZM_0191_B2_D08_T7C	
19262	ZM_0191_B2_D08		ZM_0191_B2_D08_MR
19263	ZM_0191_B2_D09	ZM_0191_B2_D09_T7C	
19264	ZM_0191_B2_D09		ZM_0191_B2_D09_MR
19265	ZM_0191_B2_D10	ZM_0191_B2_D10_T7C	
19266	ZM_0191_B2_D10		ZM_0191_B2_D10_MR
19267	ZM_0191_B2_D11	ZM_0191_B2_D11_T7C	
19268	ZM_0191_B2_D11		ZM_0191_B2_D11_MR
19269	ZM_0191_B2_D12	ZM_0191_B2_D12_T7C	
19270	ZM_0191_B2_D12		ZM_0191_B2_D12_MR
19271	ZM_0191_B2_E01	ZM_0191_B2_E01_T7C	
19272	ZM_0191_B2_E01		ZM_0191_B2_E01_MR
19273	ZM_0191_B2_E02	ZM_0191_B2_E02_T7C	
19274	ZM_0191_B2_E02		ZM_0191_B2_E02_MR
19275	ZM_0191_B2_E03	ZM_0191_B2_E03_T7C	
19276	ZM_0191_B2_E03		ZM_0191_B2_E03_MR
19277	ZM_0191_B2_E04	ZM_0191_B2_E04_T7C	
19278	ZM_0191_B2_E04		ZM_0191_B2_E04_MR
19279	ZM_0191_B2_E05	ZM_0191_B2_E05_T7C	
19280	ZM_0191_B2_E05		ZM_0191_B2_E05_MR
19281	ZM_0191_B2_E06	ZM_0191_B2_E06_T7C	
19282	ZM_0191_B2_E06		ZM_0191_B2_E06_MR
19283	ZM_0191_B2_E07	ZM_0191_B2_E07_T7C	
19284	ZM_0191_B2_E07		ZM_0191_B2_E07_MR
19285	ZM_0191_B2_E08	ZM_0191_B2_E08_T7C	
19286	ZM_0191_B2_E08		ZM_0191_B2_E08_MR
19287	ZM_0191_B2_E09	ZM_0191_B2_E09_T7C	
19288	ZM_0191_B2_E09		ZM_0191_B2_E09_MR
19289	ZM_0191_B2_E10	ZM_0191_B2_E10_T7C	
19290	ZM_0191_B2_E10		ZM_0191_B2_E10_MR
19291	ZM_0191_B2_E11	ZM_0191_B2_E11_T7C	
19292	ZM_0191_B2_E11		ZM_0191_B2_E11_MR
19293	ZM_0191_B2_E12	ZM_0191_B2_E12_T7C	
19294	ZM_0191_B2_E12		ZM_0191_B2_E12_MR
19295	ZM_0191_B2_F01	ZM_0191_B2_F01_T7C	
19296	ZM_0191_B2_F01		ZM_0191_B2_F01_MR
19297	ZM_0191_B2_F02	ZM_0191_B2_F02_T7C	
19298	ZM_0191_B2_F02		ZM_0191_B2_F02_MR
19299	ZM_0191_B2_F03	ZM_0191_B2_F03_T7C	
19300	ZM_0191_B2_F03		ZM_0191_B2_F03_MR
19301	ZM_0191_B2_F04	ZM_0191_B2_F04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19302	ZM_0191_B2_F04		ZM_0191_B2_F04_MR
19303	ZM_0191_B2_F05	ZM_0191_B2_F05_T7C	
19304	ZM_0191_B2_F05		ZM_0191_B2_F05_MR
19305	ZM_0191_B2_F06	ZM_0191_B2_F06_T7C	
19306	ZM_0191_B2_F06		ZM_0191_B2_F06_MR
19307	ZM_0191_B2_F07	ZM_0191_B2_F07_T7C	
19308	ZM_0191_B2_F07		ZM_0191_B2_F07_MR
19309	ZM_0191_B2_F08	ZM_0191_B2_F08_T7C	
19310	ZM_0191_B2_F08		ZM_0191_B2_F08_MR
19311	ZM_0191_B2_F09	ZM_0191_B2_F09_T7C	
19312	ZM_0191_B2_F09		ZM_0191_B2_F09_MR
19313	ZM_0191_B2_F10	ZM_0191_B2_F10_T7C	
19314	ZM_0191_B2_F10		ZM_0191_B2_F10_MR
19315	ZM_0191_B2_F12	ZM_0191_B2_F12_T7C	
19316	ZM_0191_B2_F12		ZM_0191_B2_F12_MR
19317	ZM_0191_B2_G01	ZM_0191_B2_G01_T7C	
19318	ZM_0191_B2_G01		ZM_0191_B2_G01_MR
19319	ZM_0191_B2_G02	ZM_0191_B2_G02_T7C	
19320	ZM_0191_B2_G02		ZM_0191_B2_G02_MR
19321	ZM_0191_B2_G03	ZM_0191_B2_G03_T7C	
19322	ZM_0191_B2_G03		ZM_0191_B2_G03_MR
19323	ZM_0191_B2_G04	ZM_0191_B2_G04_T7C	
19324	ZM_0191_B2_G04		ZM_0191_B2_G04_MR
19325	ZM_0191_B2_G05	ZM_0191_B2_G05_T7C	
19326	ZM_0191_B2_G05		ZM_0191_B2_G05_MR
19327	ZM_0191_B2_G06	ZM_0191_B2_G06_T7C	
19328	ZM_0191_B2_G06		ZM_0191_B2_G06_MR
19329	ZM_0191_B2_G07	ZM_0191_B2_G07_T7C	
19330	ZM_0191_B2_G07		ZM_0191_B2_G07_MR
19331	ZM_0191_B2_G08	ZM_0191_B2_G08_T7C	
19332	ZM_0191_B2_G08		ZM_0191_B2_G08_MR
19333	ZM_0191_B2_G09	ZM_0191_B2_G09_T7C	
19334	ZM_0191_B2_G09		ZM_0191_B2_G09_MR
19335	ZM_0191_B2_G10	ZM_0191_B2_G10_T7C	
19336	ZM_0191_B2_G10		ZM_0191_B2_G10_MR
19337	ZM_0191_B2_G11	ZM_0191_B2_G11_T7C	
19338	ZM_0191_B2_G11		ZM_0191_B2_G11_MR
19339	ZM_0191_B2_G12	ZM_0191_B2_G12_T7C	
19340	ZM_0191_B2_G12		ZM_0191_B2_G12_MR
19341	ZM_0191_B2_H01	ZM_0191_B2_H01_T7C	
19342	ZM_0191_B2_H01		ZM_0191_B2_H01_MR
19343	ZM_0191_B2_H02	ZM_0191_B2_H02_T7C	
19344	ZM_0191_B2_H02		ZM_0191_B2_H02_MR
19345	ZM_0191_B2_H03	ZM_0191_B2_H03_T7C	
19346	ZM_0191_B2_H03		ZM_0191_B2_H03_MR
19347	ZM_0191_B2_H04	ZM_0191_B2_H04_T7C	
19348	ZM_0191_B2_H04		ZM_0191_B2_H04_MR
19349	ZM_0191_B2_H05	ZM_0191_B2_H05_T7C	
19350	ZM_0191_B2_H05		ZM_0191_B2_H05_MR
19351	ZM_0191_B2_H06	ZM_0191_B2_H06_T7C	
19352	ZM_0191_B2_H06		ZM_0191_B2_H06_MR
19353	ZM_0191_B2_H07	ZM_0191_B2_H07_T7C	
19354	ZM_0191_B2_H07		ZM_0191_B2_H07_MR
19355	ZM_0191_B2_H08	ZM_0191_B2_H08_T7C	
19356	ZM_0191_B2_H08		ZM_0191_B2_H08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19357	ZM_0191_B2_H09	ZM_0191_B2_H09_T7C	
19358	ZM_0191_B2_H09		ZM_0191_B2_H09_MR
19359	ZM_0191_B2_H10	ZM_0191_B2_H10_T7C	
19360	ZM_0191_B2_H10		ZM_0191_B2_H10_MR
19361	ZM_0191_B2_H11	ZM_0191_B2_H11_T7C	
19362	ZM_0191_B2_H11		ZM_0191_B2_H11_MR
19363	ZM_0191_B2_H12	ZM_0191_B2_H12_T7C	
19364	ZM_0191_B2_H12		ZM_0191_B2_H12_MR
19365	ZM_0192_A1_A02		ZM_0192_A1_A02_MR
19366	ZM_0192_A1_A03		ZM_0192_A1_A03_MR
19367	ZM_0192_A1_A05	ZM_0192_A1_A05_T7C	
19368	ZM_0192_A1_A06	ZM_0192_A1_A06_T7C	
19369	ZM_0192_A1_A06		ZM_0192_A1_A06_MR
19370	ZM_0192_A1_A07	ZM_0192_A1_A07_T7C	
19371	ZM_0192_A1_A07		ZM_0192_A1_A07_MR
19372	ZM_0192_A1_A08	ZM_0192_A1_A08_T7C	
19373	ZM_0192_A1_A09	ZM_0192_A1_A09_T7C	
19374	ZM_0192_A1_A11	ZM_0192_A1_A11_T7C	
19375	ZM_0192_A1_B01	ZM_0192_A1_B01_T7C	
19376	ZM_0192_A1_B01		ZM_0192_A1_B01_MR
19377	ZM_0192_A1_B02		ZM_0192_A1_B02_MR
19378	ZM_0192_A1_B04	ZM_0192_A1_B04_T7C	
19379	ZM_0192_A1_B04		ZM_0192_A1_B04_MR
19380	ZM_0192_A1_B05	ZM_0192_A1_B05_T7C	
19381	ZM_0192_A1_B05		ZM_0192_A1_B05_MR
19382	ZM_0192_A1_B06		ZM_0192_A1_B06_MR
19383	ZM_0192_A1_B07	ZM_0192_A1_B07_T7C	
19384	ZM_0192_A1_B07		ZM_0192_A1_B07_MR
19385	ZM_0192_A1_B08		ZM_0192_A1_B08_MR
19386	ZM_0192_A1_B09	ZM_0192_A1_B09_T7C	
19387	ZM_0192_A1_B10	ZM_0192_A1_B10_T7C	
19388	ZM_0192_A1_B11		ZM_0192_A1_B11_MR
19389	ZM_0192_A1_B12	ZM_0192_A1_B12_T7C	
19390	ZM_0192_A1_C01		ZM_0192_A1_C01_MR
19391	ZM_0192_A1_C02	ZM_0192_A1_C02_T7C	
19392	ZM_0192_A1_C02		ZM_0192_A1_C02_MR
19393	ZM_0192_A1_C03		ZM_0192_A1_C03_MR
19394	ZM_0192_A1_C04	ZM_0192_A1_C04_T7C	
19395	ZM_0192_A1_C05		ZM_0192_A1_C05_MR
19396	ZM_0192_A1_C06	ZM_0192_A1_C06_T7C	
19397	ZM_0192_A1_C06		ZM_0192_A1_C06_MR
19398	ZM_0192_A1_C07	ZM_0192_A1_C07_T7C	
19399	ZM_0192_A1_C07		ZM_0192_A1_C07_MR
19400	ZM_0192_A1_C08		ZM_0192_A1_C08_MR
19401	ZM_0192_A1_C09	ZM_0192_A1_C09_T7C	
19402	ZM_0192_A1_C09		ZM_0192_A1_C09_MR
19403	ZM_0192_A1_C10		ZM_0192_A1_C10_MR
19404	ZM_0192_A1_C11	ZM_0192_A1_C11_T7C	
19405	ZM_0192_A1_C12	ZM_0192_A1_C12_T7C	
19406	ZM_0192_A1_C12		ZM_0192_A1_C12_MR
19407	ZM_0192_A1_D01		ZM_0192_A1_D01_MR
19408	ZM_0192_A1_D02		ZM_0192_A1_D02_MR
19409	ZM_0192_A1_D04		ZM_0192_A1_D04_MR
19410	ZM_0192_A1_D05		ZM_0192_A1_D05_MR
19411	ZM_0192_A1_D06		ZM_0192_A1_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19412	ZM_0192_A1_D07	ZM_0192_A1_D07_T7C	
19413	ZM_0192_A1_D07		ZM_0192_A1_D07_MR
19414	ZM_0192_A1_D09	ZM_0192_A1_D09_T7C	
19415	ZM_0192_A1_D10	ZM_0192_A1_D10_T7C	
19416	ZM_0192_A1_D11	ZM_0192_A1_D11_T7C	
19417	ZM_0192_A1_D12	ZM_0192_A1_D12_T7C	
19418	ZM_0192_A1_D12		ZM_0192_A1_D12_MR
19419	ZM_0192_A1_E01		ZM_0192_A1_E01_MR
19420	ZM_0192_A1_E02		ZM_0192_A1_E02_MR
19421	ZM_0192_A1_E04	ZM_0192_A1_E04_T7C	
19422	ZM_0192_A1_E05	ZM_0192_A1_E05_T7C	
19423	ZM_0192_A1_E06	ZM_0192_A1_E06_T7C	
19424	ZM_0192_A1_E06		ZM_0192_A1_E06_MR
19425	ZM_0192_A1_E07	ZM_0192_A1_E07_T7C	
19426	ZM_0192_A1_E07		ZM_0192_A1_E07_MR
19427	ZM_0192_A1_E09	ZM_0192_A1_E09_T7C	
19428	ZM_0192_A1_E09		ZM_0192_A1_E09_MR
19429	ZM_0192_A1_E10		ZM_0192_A1_E10_MR
19430	ZM_0192_A1_E12	ZM_0192_A1_E12_T7C	
19431	ZM_0192_A1_F01		ZM_0192_A1_F01_MR
19432	ZM_0192_A1_F02		ZM_0192_A1_F02_MR
19433	ZM_0192_A1_F04	ZM_0192_A1_F04_T7C	
19434	ZM_0192_A1_F05	ZM_0192_A1_F05_T7C	
19435	ZM_0192_A1_F05		ZM_0192_A1_F05_MR
19436	ZM_0192_A1_F06	ZM_0192_A1_F06_T7C	
19437	ZM_0192_A1_F06		ZM_0192_A1_F06_MR
19438	ZM_0192_A1_F07	ZM_0192_A1_F07_T7C	
19439	ZM_0192_A1_F07		ZM_0192_A1_F07_MR
19440	ZM_0192_A1_F09	ZM_0192_A1_F09_T7C	
19441	ZM_0192_A1_F10	ZM_0192_A1_F10_T7C	
19442	ZM_0192_A1_F11	ZM_0192_A1_F11_T7C	
19443	ZM_0192_A1_F12	ZM_0192_A1_F12_T7C	
19444	ZM_0192_A1_F12		ZM_0192_A1_F12_MR
19445	ZM_0192_A1_G01		ZM_0192_A1_G01_MR
19446	ZM_0192_A1_G02	ZM_0192_A1_G02_T7C	
19447	ZM_0192_A1_G02		ZM_0192_A1_G02_MR
19448	ZM_0192_A1_G04		ZM_0192_A1_G04_MR
19449	ZM_0192_A1_G05	ZM_0192_A1_G05_T7C	
19450	ZM_0192_A1_G06	ZM_0192_A1_G06_T7C	
19451	ZM_0192_A1_G07	ZM_0192_A1_G07_T7C	
19452	ZM_0192_A1_G07		ZM_0192_A1_G07_MR
19453	ZM_0192_A1_G08	ZM_0192_A1_G08_T7C	
19454	ZM_0192_A1_G08		ZM_0192_A1_G08_MR
19455	ZM_0192_A1_G09	ZM_0192_A1_G09_T7C	
19456	ZM_0192_A1_G09		ZM_0192_A1_G09_MR
19457	ZM_0192_A1_G12	ZM_0192_A1_G12_T7C	
19458	ZM_0192_A1_H01		ZM_0192_A1_H01_MR
19459	ZM_0192_A1_H03		ZM_0192_A1_H03_MR
19460	ZM_0192_A1_H04	ZM_0192_A1_H04_T7C	
19461	ZM_0192_A1_H06		ZM_0192_A1_H06_MR
19462	ZM_0192_A1_H07	ZM_0192_A1_H07_T7C	
19463	ZM_0192_A1_H07		ZM_0192_A1_H07_MR
19464	ZM_0192_A1_H08	ZM_0192_A1_H08_T7C	
19465	ZM_0192_A1_H09		ZM_0192_A1_H09_MR
19466	ZM_0192_A1_H10		ZM_0192_A1_H10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19467	ZM_0192_A1_H12	ZM_0192_A1_H12_T7C	
19468	ZM_0192_A2_A01		ZM_0192_A2_A01_MR
19469	ZM_0192_A2_A02		ZM_0192_A2_A02_MR
19470	ZM_0192_A2_A03		ZM_0192_A2_A03_MR
19471	ZM_0192_A2_A04		ZM_0192_A2_A04_MR
19472	ZM_0192_A2_A06		ZM_0192_A2_A06_MR
19473	ZM_0192_A2_A07		ZM_0192_A2_A07_MR
19474	ZM_0192_A2_A08		ZM_0192_A2_A08_MR
19475	ZM_0192_A2_A09		ZM_0192_A2_A09_MR
19476	ZM_0192_A2_A10		ZM_0192_A2_A10_MR
19477	ZM_0192_A2_A11		ZM_0192_A2_A11_MR
19478	ZM_0192_A2_A12		ZM_0192_A2_A12_MR
19479	ZM_0192_A2_B02		ZM_0192_A2_B02_MR
19480	ZM_0192_A2_B07		ZM_0192_A2_B07_MR
19481	ZM_0192_A2_B09		ZM_0192_A2_B09_MR
19482	ZM_0192_A2_B11		ZM_0192_A2_B11_MR
19483	ZM_0192_A2_B12		ZM_0192_A2_B12_MR
19484	ZM_0192_A2_C01		ZM_0192_A2_C01_MR
19485	ZM_0192_A2_C02		ZM_0192_A2_C02_MR
19486	ZM_0192_A2_C03		ZM_0192_A2_C03_MR
19487	ZM_0192_A2_C04		ZM_0192_A2_C04_MR
19488	ZM_0192_A2_C05		ZM_0192_A2_C05_MR
19489	ZM_0192_A2_C06		ZM_0192_A2_C06_MR
19490	ZM_0192_A2_C07		ZM_0192_A2_C07_MR
19491	ZM_0192_A2_C08		ZM_0192_A2_C08_MR
19492	ZM_0192_A2_C09		ZM_0192_A2_C09_MR
19493	ZM_0192_A2_C10		ZM_0192_A2_C10_MR
19494	ZM_0192_A2_C11		ZM_0192_A2_C11_MR
19495	ZM_0192_A2_C12		ZM_0192_A2_C12_MR
19496	ZM_0192_A2_D01		ZM_0192_A2_D01_MR
19497	ZM_0192_A2_D05		ZM_0192_A2_D05_MR
19498	ZM_0192_A2_D06		ZM_0192_A2_D06_MR
19499	ZM_0192_A2_D07		ZM_0192_A2_D07_MR
19500	ZM_0192_A2_D08		ZM_0192_A2_D08_MR
19501	ZM_0192_A2_D10		ZM_0192_A2_D10_MR
19502	ZM_0192_A2_D11		ZM_0192_A2_D11_MR
19503	ZM_0192_A2_E04		ZM_0192_A2_E04_MR
19504	ZM_0192_A2_E05		ZM_0192_A2_E05_MR
19505	ZM_0192_A2_E09		ZM_0192_A2_E09_MR
19506	ZM_0192_A2_E10		ZM_0192_A2_E10_MR
19507	ZM_0192_A2_F03		ZM_0192_A2_F03_MR
19508	ZM_0192_A2_F04		ZM_0192_A2_F04_MR
19509	ZM_0192_A2_F05		ZM_0192_A2_F05_MR
19510	ZM_0192_A2_F06		ZM_0192_A2_F06_MR
19511	ZM_0192_A2_F08		ZM_0192_A2_F08_MR
19512	ZM_0192_A2_F09		ZM_0192_A2_F09_MR
19513	ZM_0192_A2_F10		ZM_0192_A2_F10_MR
19514	ZM_0192_A2_F11		ZM_0192_A2_F11_MR
19515	ZM_0192_A2_F12		ZM_0192_A2_F12_MR
19516	ZM_0192_A2_G03		ZM_0192_A2_G03_MR
19517	ZM_0192_A2_G04		ZM_0192_A2_G04_MR
19518	ZM_0192_A2_G05		ZM_0192_A2_G05_MR
19519	ZM_0192_A2_G06		ZM_0192_A2_G06_MR
19520	ZM_0192_A2_G07		ZM_0192_A2_G07_MR
19521	ZM_0192_A2_G08		ZM_0192_A2_G08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19522	ZM_0192_A2_G09		ZM_0192_A2_G09_MR
19523	ZM_0192_A2_G10		ZM_0192_A2_G10_MR
19524	ZM_0192_A2_G12		ZM_0192_A2_G12_MR
19525	ZM_0192_A2_H02		ZM_0192_A2_H02_MR
19526	ZM_0192_A2_H04		ZM_0192_A2_H04_MR
19527	ZM_0192_A2_H05		ZM_0192_A2_H05_MR
19528	ZM_0192_A2_H06		ZM_0192_A2_H06_MR
19529	ZM_0192_A2_H07		ZM_0192_A2_H07_MR
19530	ZM_0192_A2_H08		ZM_0192_A2_H08_MR
19531	ZM_0192_A2_H10		ZM_0192_A2_H10_MR
19532	ZM_0192_A2_H11		ZM_0192_A2_H11_MR
19533	ZM_0192_A2_H12		ZM_0192_A2_H12_MR
19534	ZM_0192_B1_A01	ZM_0192_B1_A01_T7C	
19535	ZM_0192_B1_A01		ZM_0192_B1_A01_MR
19536	ZM_0192_B1_A02	ZM_0192_B1_A02_T7C	
19537	ZM_0192_B1_A02		ZM_0192_B1_A02_MR
19538	ZM_0192_B1_A03	ZM_0192_B1_A03_T7C	
19539	ZM_0192_B1_A03		ZM_0192_B1_A03_MR
19540	ZM_0192_B1_A04	ZM_0192_B1_A04_T7C	
19541	ZM_0192_B1_A05	ZM_0192_B1_A05_T7C	
19542	ZM_0192_B1_A05		ZM_0192_B1_A05_MR
19543	ZM_0192_B1_A06	ZM_0192_B1_A06_T7C	
19544	ZM_0192_B1_A06		ZM_0192_B1_A06_MR
19545	ZM_0192_B1_A07	ZM_0192_B1_A07_T7C	
19546	ZM_0192_B1_A07		ZM_0192_B1_A07_MR
19547	ZM_0192_B1_A08	ZM_0192_B1_A08_T7C	
19548	ZM_0192_B1_A08		ZM_0192_B1_A08_MR
19549	ZM_0192_B1_A09	ZM_0192_B1_A09_T7C	
19550	ZM_0192_B1_A09		ZM_0192_B1_A09_MR
19551	ZM_0192_B1_A10	ZM_0192_B1_A10_T7C	
19552	ZM_0192_B1_A10		ZM_0192_B1_A10_MR
19553	ZM_0192_B1_A11		ZM_0192_B1_A11_MR
19554	ZM_0192_B1_A12	ZM_0192_B1_A12_T7C	
19555	ZM_0192_B1_A12		ZM_0192_B1_A12_MR
19556	ZM_0192_B1_B01	ZM_0192_B1_B01_T7C	
19557	ZM_0192_B1_B01		ZM_0192_B1_B01_MR
19558	ZM_0192_B1_B02	ZM_0192_B1_B02_T7C	
19559	ZM_0192_B1_B02		ZM_0192_B1_B02_MR
19560	ZM_0192_B1_B03	ZM_0192_B1_B03_T7C	
19561	ZM_0192_B1_B03		ZM_0192_B1_B03_MR
19562	ZM_0192_B1_B04	ZM_0192_B1_B04_T7C	
19563	ZM_0192_B1_B04		ZM_0192_B1_B04_MR
19564	ZM_0192_B1_B05	ZM_0192_B1_B05_T7C	
19565	ZM_0192_B1_B05		ZM_0192_B1_B05_MR
19566	ZM_0192_B1_B06	ZM_0192_B1_B06_T7C	
19567	ZM_0192_B1_B06		ZM_0192_B1_B06_MR
19568	ZM_0192_B1_B07	ZM_0192_B1_B07_T7C	
19569	ZM_0192_B1_B07		ZM_0192_B1_B07_MR
19570	ZM_0192_B1_B09	ZM_0192_B1_B09_T7C	
19571	ZM_0192_B1_B09		ZM_0192_B1_B09_MR
19572	ZM_0192_B1_B10	ZM_0192_B1_B10_T7C	
19573	ZM_0192_B1_B10		ZM_0192_B1_B10_MR
19574	ZM_0192_B1_B11	ZM_0192_B1_B11_T7C	
19575	ZM_0192_B1_B11		ZM_0192_B1_B11_MR
19576	ZM_0192_B1_B12	ZM_0192_B1_B12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19577	ZM_0192_B1_B12		ZM_0192_B1_B12_MR
19578	ZM_0192_B1_C01	ZM_0192_B1_C01_T7C	
19579	ZM_0192_B1_C01		ZM_0192_B1_C01_MR
19580	ZM_0192_B1_C02	ZM_0192_B1_C02_T7C	
19581	ZM_0192_B1_C02		ZM_0192_B1_C02_MR
19582	ZM_0192_B1_C03	ZM_0192_B1_C03_T7C	
19583	ZM_0192_B1_C03		ZM_0192_B1_C03_MR
19584	ZM_0192_B1_C04	ZM_0192_B1_C04_T7C	
19585	ZM_0192_B1_C04		ZM_0192_B1_C04_MR
19586	ZM_0192_B1_C05	ZM_0192_B1_C05_T7C	
19587	ZM_0192_B1_C05		ZM_0192_B1_C05_MR
19588	ZM_0192_B1_C06	ZM_0192_B1_C06_T7C	
19589	ZM_0192_B1_C06		ZM_0192_B1_C06_MR
19590	ZM_0192_B1_C07	ZM_0192_B1_C07_T7C	
19591	ZM_0192_B1_C07		ZM_0192_B1_C07_MR
19592	ZM_0192_B1_C08	ZM_0192_B1_C08_T7C	
19593	ZM_0192_B1_C08		ZM_0192_B1_C08_MR
19594	ZM_0192_B1_C09	ZM_0192_B1_C09_T7C	
19595	ZM_0192_B1_C09		ZM_0192_B1_C09_MR
19596	ZM_0192_B1_C10	ZM_0192_B1_C10_T7C	
19597	ZM_0192_B1_C10		ZM_0192_B1_C10_MR
19598	ZM_0192_B1_C11	ZM_0192_B1_C11_T7C	
19599	ZM_0192_B1_C11		ZM_0192_B1_C11_MR
19600	ZM_0192_B1_C12	ZM_0192_B1_C12_T7C	
19601	ZM_0192_B1_C12		ZM_0192_B1_C12_MR
19602	ZM_0192_B1_D01	ZM_0192_B1_D01_T7C	
19603	ZM_0192_B1_D01		ZM_0192_B1_D01_MR
19604	ZM_0192_B1_D02	ZM_0192_B1_D02_T7C	
19605	ZM_0192_B1_D02		ZM_0192_B1_D02_MR
19606	ZM_0192_B1_D03	ZM_0192_B1_D03_T7C	
19607	ZM_0192_B1_D03		ZM_0192_B1_D03_MR
19608	ZM_0192_B1_D04	ZM_0192_B1_D04_T7C	
19609	ZM_0192_B1_D04		ZM_0192_B1_D04_MR
19610	ZM_0192_B1_D05	ZM_0192_B1_D05_T7C	
19611	ZM_0192_B1_D05		ZM_0192_B1_D05_MR
19612	ZM_0192_B1_D06	ZM_0192_B1_D06_T7C	
19613	ZM_0192_B1_D06		ZM_0192_B1_D06_MR
19614	ZM_0192_B1_D07	ZM_0192_B1_D07_T7C	
19615	ZM_0192_B1_D07		ZM_0192_B1_D07_MR
19616	ZM_0192_B1_D08	ZM_0192_B1_D08_T7C	
19617	ZM_0192_B1_D08		ZM_0192_B1_D08_MR
19618	ZM_0192_B1_D09	ZM_0192_B1_D09_T7C	
19619	ZM_0192_B1_D09		ZM_0192_B1_D09_MR
19620	ZM_0192_B1_D10	ZM_0192_B1_D10_T7C	
19621	ZM_0192_B1_D10		ZM_0192_B1_D10_MR
19622	ZM_0192_B1_D11		ZM_0192_B1_D11_MR
19623	ZM_0192_B1_D12	ZM_0192_B1_D12_T7C	
19624	ZM_0192_B1_D12		ZM_0192_B1_D12_MR
19625	ZM_0192_B1_E01	ZM_0192_B1_E01_T7C	
19626	ZM_0192_B1_E01		ZM_0192_B1_E01_MR
19627	ZM_0192_B1_E02	ZM_0192_B1_E02_T7C	
19628	ZM_0192_B1_E02		ZM_0192_B1_E02_MR
19629	ZM_0192_B1_E03	ZM_0192_B1_E03_T7C	
19630	ZM_0192_B1_E03		ZM_0192_B1_E03_MR
19631	ZM_0192_B1_E04	ZM_0192_B1_E04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19632	ZM_0192_B1_E04		ZM_0192_B1_E04_MR
19633	ZM_0192_B1_E05	ZM_0192_B1_E05_T7C	
19634	ZM_0192_B1_E05		ZM_0192_B1_E05_MR
19635	ZM_0192_B1_E06	ZM_0192_B1_E06_T7C	
19636	ZM_0192_B1_E06		ZM_0192_B1_E06_MR
19637	ZM_0192_B1_E07	ZM_0192_B1_E07_T7C	
19638	ZM_0192_B1_E07		ZM_0192_B1_E07_MR
19639	ZM_0192_B1_E08	ZM_0192_B1_E08_T7C	
19640	ZM_0192_B1_E08		ZM_0192_B1_E08_MR
19641	ZM_0192_B1_E09	ZM_0192_B1_E09_T7C	
19642	ZM_0192_B1_E09		ZM_0192_B1_E09_MR
19643	ZM_0192_B1_E10	ZM_0192_B1_E10_T7C	
19644	ZM_0192_B1_E10		ZM_0192_B1_E10_MR
19645	ZM_0192_B1_E11	ZM_0192_B1_E11_T7C	
19646	ZM_0192_B1_E11		ZM_0192_B1_E11_MR
19647	ZM_0192_B1_E12	ZM_0192_B1_E12_T7C	
19648	ZM_0192_B1_E12		ZM_0192_B1_E12_MR
19649	ZM_0192_B1_F01	ZM_0192_B1_F01_T7C	
19650	ZM_0192_B1_F01		ZM_0192_B1_F01_MR
19651	ZM_0192_B1_F02	ZM_0192_B1_F02_T7C	
19652	ZM_0192_B1_F02		ZM_0192_B1_F02_MR
19653	ZM_0192_B1_F03	ZM_0192_B1_F03_T7C	
19654	ZM_0192_B1_F03		ZM_0192_B1_F03_MR
19655	ZM_0192_B1_F04	ZM_0192_B1_F04_T7C	
19656	ZM_0192_B1_F04		ZM_0192_B1_F04_MR
19657	ZM_0192_B1_F05	ZM_0192_B1_F05_T7C	
19658	ZM_0192_B1_F05		ZM_0192_B1_F05_MR
19659	ZM_0192_B1_F06	ZM_0192_B1_F06_T7C	
19660	ZM_0192_B1_F06		ZM_0192_B1_F06_MR
19661	ZM_0192_B1_F07	ZM_0192_B1_F07_T7C	
19662	ZM_0192_B1_F07		ZM_0192_B1_F07_MR
19663	ZM_0192_B1_F08	ZM_0192_B1_F08_T7C	
19664	ZM_0192_B1_F08		ZM_0192_B1_F08_MR
19665	ZM_0192_B1_F09	ZM_0192_B1_F09_T7C	
19666	ZM_0192_B1_F09		ZM_0192_B1_F09_MR
19667	ZM_0192_B1_F10	ZM_0192_B1_F10_T7C	
19668	ZM_0192_B1_F10		ZM_0192_B1_F10_MR
19669	ZM_0192_B1_F11	ZM_0192_B1_F11_T7C	
19670	ZM_0192_B1_F11		ZM_0192_B1_F11_MR
19671	ZM_0192_B1_F12	ZM_0192_B1_F12_T7C	
19672	ZM_0192_B1_F12		ZM_0192_B1_F12_MR
19673	ZM_0192_B1_G01	ZM_0192_B1_G01_T7C	
19674	ZM_0192_B1_G01		ZM_0192_B1_G01_MR
19675	ZM_0192_B1_G02	ZM_0192_B1_G02_T7C	
19676	ZM_0192_B1_G02		ZM_0192_B1_G02_MR
19677	ZM_0192_B1_G03	ZM_0192_B1_G03_T7C	
19678	ZM_0192_B1_G05	ZM_0192_B1_G05_T7C	
19679	ZM_0192_B1_G05		ZM_0192_B1_G05_MR
19680	ZM_0192_B1_G06	ZM_0192_B1_G06_T7C	
19681	ZM_0192_B1_G06		ZM_0192_B1_G06_MR
19682	ZM_0192_B1_G07	ZM_0192_B1_G07_T7C	
19683	ZM_0192_B1_G07		ZM_0192_B1_G07_MR
19684	ZM_0192_B1_G08	ZM_0192_B1_G08_T7C	
19685	ZM_0192_B1_G08		ZM_0192_B1_G08_MR
19686	ZM_0192_B1_G09	ZM_0192_B1_G09_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19687	ZM_0192_B1_G09		ZM_0192_B1_G09_MR
19688	ZM_0192_B1_G10	ZM_0192_B1_G10_T7C	
19689	ZM_0192_B1_G10		ZM_0192_B1_G10_MR
19690	ZM_0192_B1_G11	ZM_0192_B1_G11_T7C	
19691	ZM_0192_B1_G11		ZM_0192_B1_G11_MR
19692	ZM_0192_B1_G12	ZM_0192_B1_G12_T7C	
19693	ZM_0192_B1_G12		ZM_0192_B1_G12_MR
19694	ZM_0192_B1_H01	ZM_0192_B1_H01_T7C	
19695	ZM_0192_B1_H01		ZM_0192_B1_H01_MR
19696	ZM_0192_B1_H02	ZM_0192_B1_H02_T7C	
19697	ZM_0192_B1_H02		ZM_0192_B1_H02_MR
19698	ZM_0192_B1_H03	ZM_0192_B1_H03_T7C	
19699	ZM_0192_B1_H03		ZM_0192_B1_H03_MR
19700	ZM_0192_B1_H04	ZM_0192_B1_H04_T7C	
19701	ZM_0192_B1_H04		ZM_0192_B1_H04_MR
19702	ZM_0192_B1_H05	ZM_0192_B1_H05_T7C	
19703	ZM_0192_B1_H05		ZM_0192_B1_H05_MR
19704	ZM_0192_B1_H06	ZM_0192_B1_H06_T7C	
19705	ZM_0192_B1_H06		ZM_0192_B1_H06_MR
19706	ZM_0192_B1_H07	ZM_0192_B1_H07_T7C	
19707	ZM_0192_B1_H07		ZM_0192_B1_H07_MR
19708	ZM_0192_B1_H08	ZM_0192_B1_H08_T7C	
19709	ZM_0192_B1_H08		ZM_0192_B1_H08_MR
19710	ZM_0192_B1_H09	ZM_0192_B1_H09_T7C	
19711	ZM_0192_B1_H09		ZM_0192_B1_H09_MR
19712	ZM_0192_B1_H10	ZM_0192_B1_H10_T7C	
19713	ZM_0192_B1_H10		ZM_0192_B1_H10_MR
19714	ZM_0192_B1_H11	ZM_0192_B1_H11_T7C	
19715	ZM_0192_B1_H11		ZM_0192_B1_H11_MR
19716	ZM_0192_B1_H12	ZM_0192_B1_H12_T7C	
19717	ZM_0192_B1_H12		ZM_0192_B1_H12_MR
19718	ZM_0192_B2_A01	ZM_0192_B2_A01_T7C	
19719	ZM_0192_B2_A01		ZM_0192_B2_A01_MR
19720	ZM_0192_B2_A02	ZM_0192_B2_A02_T7C	
19721	ZM_0192_B2_A02		ZM_0192_B2_A02_MR
19722	ZM_0192_B2_A03	ZM_0192_B2_A03_T7C	
19723	ZM_0192_B2_A03		ZM_0192_B2_A03_MR
19724	ZM_0192_B2_A04	ZM_0192_B2_A04_T7C	
19725	ZM_0192_B2_A04		ZM_0192_B2_A04_MR
19726	ZM_0192_B2_A05	ZM_0192_B2_A05_T7C	
19727	ZM_0192_B2_A05		ZM_0192_B2_A05_MR
19728	ZM_0192_B2_A06	ZM_0192_B2_A06_T7C	
19729	ZM_0192_B2_A06		ZM_0192_B2_A06_MR
19730	ZM_0192_B2_A07	ZM_0192_B2_A07_T7C	
19731	ZM_0192_B2_A07		ZM_0192_B2_A07_MR
19732	ZM_0192_B2_A08		ZM_0192_B2_A08_MR
19733	ZM_0192_B2_A09		ZM_0192_B2_A09_MR
19734	ZM_0192_B2_A10	ZM_0192_B2_A10_T7C	
19735	ZM_0192_B2_A10		ZM_0192_B2_A10_MR
19736	ZM_0192_B2_A11	ZM_0192_B2_A11_T7C	
19737	ZM_0192_B2_A11		ZM_0192_B2_A11_MR
19738	ZM_0192_B2_A12	ZM_0192_B2_A12_T7C	
19739	ZM_0192_B2_A12		ZM_0192_B2_A12_MR
19740	ZM_0192_B2_B01	ZM_0192_B2_B01_T7C	
19741	ZM_0192_B2_B01		ZM_0192_B2_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19742	ZM_0192_B2_B02	ZM_0192_B2_B02_T7C	
19743	ZM_0192_B2_B02		ZM_0192_B2_B02_MR
19744	ZM_0192_B2_B03	ZM_0192_B2_B03_T7C	
19745	ZM_0192_B2_B03		ZM_0192_B2_B03_MR
19746	ZM_0192_B2_B04	ZM_0192_B2_B04_T7C	
19747	ZM_0192_B2_B04		ZM_0192_B2_B04_MR
19748	ZM_0192_B2_B05	ZM_0192_B2_B05_T7C	
19749	ZM_0192_B2_B05		ZM_0192_B2_B05_MR
19750	ZM_0192_B2_B06	ZM_0192_B2_B06_T7C	
19751	ZM_0192_B2_B06		ZM_0192_B2_B06_MR
19752	ZM_0192_B2_B07	ZM_0192_B2_B07_T7C	
19753	ZM_0192_B2_B07		ZM_0192_B2_B07_MR
19754	ZM_0192_B2_B08	ZM_0192_B2_B08_T7C	
19755	ZM_0192_B2_B08		ZM_0192_B2_B08_MR
19756	ZM_0192_B2_B09	ZM_0192_B2_B09_T7C	
19757	ZM_0192_B2_B09		ZM_0192_B2_B09_MR
19758	ZM_0192_B2_B10	ZM_0192_B2_B10_T7C	
19759	ZM_0192_B2_B10		ZM_0192_B2_B10_MR
19760	ZM_0192_B2_B11	ZM_0192_B2_B11_T7C	
19761	ZM_0192_B2_B11		ZM_0192_B2_B11_MR
19762	ZM_0192_B2_B12	ZM_0192_B2_B12_T7C	
19763	ZM_0192_B2_B12		ZM_0192_B2_B12_MR
19764	ZM_0192_B2_C01		ZM_0192_B2_C01_MR
19765	ZM_0192_B2_C02	ZM_0192_B2_C02_T7C	
19766	ZM_0192_B2_C02		ZM_0192_B2_C02_MR
19767	ZM_0192_B2_C03	ZM_0192_B2_C03_T7C	
19768	ZM_0192_B2_C03		ZM_0192_B2_C03_MR
19769	ZM_0192_B2_C04	ZM_0192_B2_C04_T7C	
19770	ZM_0192_B2_C04		ZM_0192_B2_C04_MR
19771	ZM_0192_B2_C05	ZM_0192_B2_C05_T7C	
19772	ZM_0192_B2_C05		ZM_0192_B2_C05_MR
19773	ZM_0192_B2_C06	ZM_0192_B2_C06_T7C	
19774	ZM_0192_B2_C06		ZM_0192_B2_C06_MR
19775	ZM_0192_B2_C07	ZM_0192_B2_C07_T7C	
19776	ZM_0192_B2_C07		ZM_0192_B2_C07_MR
19777	ZM_0192_B2_C08	ZM_0192_B2_C08_T7C	
19778	ZM_0192_B2_C08		ZM_0192_B2_C08_MR
19779	ZM_0192_B2_C09	ZM_0192_B2_C09_T7C	
19780	ZM_0192_B2_C09		ZM_0192_B2_C09_MR
19781	ZM_0192_B2_C10	ZM_0192_B2_C10_T7C	
19782	ZM_0192_B2_C10		ZM_0192_B2_C10_MR
19783	ZM_0192_B2_C11	ZM_0192_B2_C11_T7C	
19784	ZM_0192_B2_C11		ZM_0192_B2_C11_MR
19785	ZM_0192_B2_C12	ZM_0192_B2_C12_T7C	
19786	ZM_0192_B2_C12		ZM_0192_B2_C12_MR
19787	ZM_0192_B2_D01	ZM_0192_B2_D01_T7C	
19788	ZM_0192_B2_D01		ZM_0192_B2_D01_MR
19789	ZM_0192_B2_D02	ZM_0192_B2_D02_T7C	
19790	ZM_0192_B2_D02		ZM_0192_B2_D02_MR
19791	ZM_0192_B2_D03	ZM_0192_B2_D03_T7C	
19792	ZM_0192_B2_D03		ZM_0192_B2_D03_MR
19793	ZM_0192_B2_D04	ZM_0192_B2_D04_T7C	
19794	ZM_0192_B2_D04		ZM_0192_B2_D04_MR
19795	ZM_0192_B2_D05	ZM_0192_B2_D05_T7C	
19796	ZM_0192_B2_D05		ZM_0192_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19797	ZM_0192_B2_D06	ZM_0192_B2_D06_T7C	
19798	ZM_0192_B2_D06		ZM_0192_B2_D06_MR
19799	ZM_0192_B2_D07	ZM_0192_B2_D07_T7C	
19800	ZM_0192_B2_D07		ZM_0192_B2_D07_MR
19801	ZM_0192_B2_D08	ZM_0192_B2_D08_T7C	
19802	ZM_0192_B2_D08		ZM_0192_B2_D08_MR
19803	ZM_0192_B2_D09	ZM_0192_B2_D09_T7C	
19804	ZM_0192_B2_D09		ZM_0192_B2_D09_MR
19805	ZM_0192_B2_D10	ZM_0192_B2_D10_T7C	
19806	ZM_0192_B2_D10		ZM_0192_B2_D10_MR
19807	ZM_0192_B2_D12	ZM_0192_B2_D12_T7C	
19808	ZM_0192_B2_D12		ZM_0192_B2_D12_MR
19809	ZM_0192_B2_E01	ZM_0192_B2_E01_T7C	
19810	ZM_0192_B2_E01		ZM_0192_B2_E01_MR
19811	ZM_0192_B2_E02	ZM_0192_B2_E02_T7C	
19812	ZM_0192_B2_E02		ZM_0192_B2_E02_MR
19813	ZM_0192_B2_E03	ZM_0192_B2_E03_T7C	
19814	ZM_0192_B2_E03		ZM_0192_B2_E03_MR
19815	ZM_0192_B2_E04	ZM_0192_B2_E04_T7C	
19816	ZM_0192_B2_E04		ZM_0192_B2_E04_MR
19817	ZM_0192_B2_E05	ZM_0192_B2_E05_T7C	
19818	ZM_0192_B2_E05		ZM_0192_B2_E05_MR
19819	ZM_0192_B2_E06	ZM_0192_B2_E06_T7C	
19820	ZM_0192_B2_E06		ZM_0192_B2_E06_MR
19821	ZM_0192_B2_E07	ZM_0192_B2_E07_T7C	
19822	ZM_0192_B2_E07		ZM_0192_B2_E07_MR
19823	ZM_0192_B2_E08	ZM_0192_B2_E08_T7C	
19824	ZM_0192_B2_E08		ZM_0192_B2_E08_MR
19825	ZM_0192_B2_E09	ZM_0192_B2_E09_T7C	
19826	ZM_0192_B2_E09		ZM_0192_B2_E09_MR
19827	ZM_0192_B2_E10	ZM_0192_B2_E10_T7C	
19828	ZM_0192_B2_E10		ZM_0192_B2_E10_MR
19829	ZM_0192_B2_E11	ZM_0192_B2_E11_T7C	
19830	ZM_0192_B2_E11		ZM_0192_B2_E11_MR
19831	ZM_0192_B2_E12	ZM_0192_B2_E12_T7C	
19832	ZM_0192_B2_E12		ZM_0192_B2_E12_MR
19833	ZM_0192_B2_F01	ZM_0192_B2_F01_T7C	
19834	ZM_0192_B2_F01		ZM_0192_B2_F01_MR
19835	ZM_0192_B2_F02	ZM_0192_B2_F02_T7C	
19836	ZM_0192_B2_F02		ZM_0192_B2_F02_MR
19837	ZM_0192_B2_F03	ZM_0192_B2_F03_T7C	
19838	ZM_0192_B2_F03		ZM_0192_B2_F03_MR
19839	ZM_0192_B2_F04	ZM_0192_B2_F04_T7C	
19840	ZM_0192_B2_F05		ZM_0192_B2_F05_MR
19841	ZM_0192_B2_F06	ZM_0192_B2_F06_T7C	
19842	ZM_0192_B2_F06		ZM_0192_B2_F06_MR
19843	ZM_0192_B2_F07	ZM_0192_B2_F07_T7C	
19844	ZM_0192_B2_F07		ZM_0192_B2_F07_MR
19845	ZM_0192_B2_F08	ZM_0192_B2_F08_T7C	
19846	ZM_0192_B2_F08		ZM_0192_B2_F08_MR
19847	ZM_0192_B2_F09	ZM_0192_B2_F09_T7C	
19848	ZM_0192_B2_F09		ZM_0192_B2_F09_MR
19849	ZM_0192_B2_F10	ZM_0192_B2_F10_T7C	
19850	ZM_0192_B2_F10		ZM_0192_B2_F10_MR
19851	ZM_0192_B2_F11	ZM_0192_B2_F11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19852	ZM_0192_B2_F11		ZM_0192_B2_F11_MR
19853	ZM_0192_B2_F12	ZM_0192_B2_F12_T7C	
19854	ZM_0192_B2_F12		ZM_0192_B2_F12_MR
19855	ZM_0192_B2_G01	ZM_0192_B2_G01_T7C	
19856	ZM_0192_B2_G01		ZM_0192_B2_G01_MR
19857	ZM_0192_B2_G02	ZM_0192_B2_G02_T7C	
19858	ZM_0192_B2_G02		ZM_0192_B2_G02_MR
19859	ZM_0192_B2_G03	ZM_0192_B2_G03_T7C	
19860	ZM_0192_B2_G03		ZM_0192_B2_G03_MR
19861	ZM_0192_B2_G04	ZM_0192_B2_G04_T7C	
19862	ZM_0192_B2_G04		ZM_0192_B2_G04_MR
19863	ZM_0192_B2_G05	ZM_0192_B2_G05_T7C	
19864	ZM_0192_B2_G05		ZM_0192_B2_G05_MR
19865	ZM_0192_B2_G06	ZM_0192_B2_G06_T7C	
19866	ZM_0192_B2_G06		ZM_0192_B2_G06_MR
19867	ZM_0192_B2_G07	ZM_0192_B2_G07_T7C	
19868	ZM_0192_B2_G07		ZM_0192_B2_G07_MR
19869	ZM_0192_B2_G08	ZM_0192_B2_G08_T7C	
19870	ZM_0192_B2_G08		ZM_0192_B2_G08_MR
19871	ZM_0192_B2_G09	ZM_0192_B2_G09_T7C	
19872	ZM_0192_B2_G09		ZM_0192_B2_G09_MR
19873	ZM_0192_B2_G10	ZM_0192_B2_G10_T7C	
19874	ZM_0192_B2_G10		ZM_0192_B2_G10_MR
19875	ZM_0192_B2_G11	ZM_0192_B2_G11_T7C	
19876	ZM_0192_B2_G11		ZM_0192_B2_G11_MR
19877	ZM_0192_B2_G12	ZM_0192_B2_G12_T7C	
19878	ZM_0192_B2_G12		ZM_0192_B2_G12_MR
19879	ZM_0192_B2_H01	ZM_0192_B2_H01_T7C	
19880	ZM_0192_B2_H01		ZM_0192_B2_H01_MR
19881	ZM_0192_B2_H02	ZM_0192_B2_H02_T7C	
19882	ZM_0192_B2_H02		ZM_0192_B2_H02_MR
19883	ZM_0192_B2_H03	ZM_0192_B2_H03_T7C	
19884	ZM_0192_B2_H03		ZM_0192_B2_H03_MR
19885	ZM_0192_B2_H04	ZM_0192_B2_H04_T7C	
19886	ZM_0192_B2_H04		ZM_0192_B2_H04_MR
19887	ZM_0192_B2_H05	ZM_0192_B2_H05_T7C	
19888	ZM_0192_B2_H05		ZM_0192_B2_H05_MR
19889	ZM_0192_B2_H06	ZM_0192_B2_H06_T7C	
19890	ZM_0192_B2_H06		ZM_0192_B2_H06_MR
19891	ZM_0192_B2_H07	ZM_0192_B2_H07_T7C	
19892	ZM_0192_B2_H07		ZM_0192_B2_H07_MR
19893	ZM_0192_B2_H08	ZM_0192_B2_H08_T7C	
19894	ZM_0192_B2_H08		ZM_0192_B2_H08_MR
19895	ZM_0192_B2_H10	ZM_0192_B2_H10_T7C	
19896	ZM_0192_B2_H10		ZM_0192_B2_H10_MR
19897	ZM_0192_B2_H11	ZM_0192_B2_H11_T7C	
19898	ZM_0192_B2_H11		ZM_0192_B2_H11_MR
19899	ZM_0192_B2_H12	ZM_0192_B2_H12_T7C	
19900	ZM_0192_B2_H12		ZM_0192_B2_H12_MR
19901	ZM_0193_A1_A03	ZM_0193_A1_A03_T7C	
19902	ZM_0193_A1_A03		ZM_0193_A1_A03_MR
19903	ZM_0193_A1_A04	ZM_0193_A1_A04_T7C	
19904	ZM_0193_A1_A04		ZM_0193_A1_A04_MR
19905	ZM_0193_A1_A05	ZM_0193_A1_A05_T7C	
19906	ZM_0193_A1_A05		ZM_0193_A1_A05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19907	ZM_0193_A1_A06		ZM_0193_A1_A06_MR
19908	ZM_0193_A1_A07	ZM_0193_A1_A07_T7C	
19909	ZM_0193_A1_A07		ZM_0193_A1_A07_MR
19910	ZM_0193_A1_A08		ZM_0193_A1_A08_MR
19911	ZM_0193_A1_A09	ZM_0193_A1_A09_T7C	
19912	ZM_0193_A1_A09		ZM_0193_A1_A09_MR
19913	ZM_0193_A1_A10	ZM_0193_A1_A10_T7C	
19914	ZM_0193_A1_A10		ZM_0193_A1_A10_MR
19915	ZM_0193_A1_A11		ZM_0193_A1_A11_MR
19916	ZM_0193_A1_B01	ZM_0193_A1_B01_T7C	
19917	ZM_0193_A1_B01		ZM_0193_A1_B01_MR
19918	ZM_0193_A1_B02	ZM_0193_A1_B02_T7C	
19919	ZM_0193_A1_B03	ZM_0193_A1_B03_T7C	
19920	ZM_0193_A1_B03		ZM_0193_A1_B03_MR
19921	ZM_0193_A1_B04	ZM_0193_A1_B04_T7C	
19922	ZM_0193_A1_B04		ZM_0193_A1_B04_MR
19923	ZM_0193_A1_B05	ZM_0193_A1_B05_T7C	
19924	ZM_0193_A1_B05		ZM_0193_A1_B05_MR
19925	ZM_0193_A1_B06	ZM_0193_A1_B06_T7C	
19926	ZM_0193_A1_B06		ZM_0193_A1_B06_MR
19927	ZM_0193_A1_B07	ZM_0193_A1_B07_T7C	
19928	ZM_0193_A1_B07		ZM_0193_A1_B07_MR
19929	ZM_0193_A1_B08	ZM_0193_A1_B08_T7C	
19930	ZM_0193_A1_B08		ZM_0193_A1_B08_MR
19931	ZM_0193_A1_B10	ZM_0193_A1_B10_T7C	
19932	ZM_0193_A1_B10		ZM_0193_A1_B10_MR
19933	ZM_0193_A1_B11		ZM_0193_A1_B11_MR
19934	ZM_0193_A1_B12	ZM_0193_A1_B12_T7C	
19935	ZM_0193_A1_B12		ZM_0193_A1_B12_MR
19936	ZM_0193_A1_C02	ZM_0193_A1_C02_T7C	
19937	ZM_0193_A1_C02		ZM_0193_A1_C02_MR
19938	ZM_0193_A1_C03		ZM_0193_A1_C03_MR
19939	ZM_0193_A1_C04	ZM_0193_A1_C04_T7C	
19940	ZM_0193_A1_C04		ZM_0193_A1_C04_MR
19941	ZM_0193_A1_C05	ZM_0193_A1_C05_T7C	
19942	ZM_0193_A1_C05		ZM_0193_A1_C05_MR
19943	ZM_0193_A1_C06		ZM_0193_A1_C06_MR
19944	ZM_0193_A1_C07		ZM_0193_A1_C07_MR
19945	ZM_0193_A1_C08	ZM_0193_A1_C08_T7C	
19946	ZM_0193_A1_C08		ZM_0193_A1_C08_MR
19947	ZM_0193_A1_C09	ZM_0193_A1_C09_T7C	
19948	ZM_0193_A1_C09		ZM_0193_A1_C09_MR
19949	ZM_0193_A1_C10	ZM_0193_A1_C10_T7C	
19950	ZM_0193_A1_C10		ZM_0193_A1_C10_MR
19951	ZM_0193_A1_C11	ZM_0193_A1_C11_T7C	
19952	ZM_0193_A1_C11		ZM_0193_A1_C11_MR
19953	ZM_0193_A1_C12	ZM_0193_A1_C12_T7C	
19954	ZM_0193_A1_C12		ZM_0193_A1_C12_MR
19955	ZM_0193_A1_D01	ZM_0193_A1_D01_T7C	
19956	ZM_0193_A1_D01		ZM_0193_A1_D01_MR
19957	ZM_0193_A1_D02		ZM_0193_A1_D02_MR
19958	ZM_0193_A1_D03	ZM_0193_A1_D03_T7C	
19959	ZM_0193_A1_D03		ZM_0193_A1_D03_MR
19960	ZM_0193_A1_D04	ZM_0193_A1_D04_T7C	
19961	ZM_0193_A1_D04		ZM_0193_A1_D04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
19962	ZM_0193_A1_D05	ZM_0193_A1_D05_T7C	
19963	ZM_0193_A1_D05		ZM_0193_A1_D05_MR
19964	ZM_0193_A1_D06	ZM_0193_A1_D06_T7C	
19965	ZM_0193_A1_D06		ZM_0193_A1_D06_MR
19966	ZM_0193_A1_D07		ZM_0193_A1_D07_MR
19967	ZM_0193_A1_D08	ZM_0193_A1_D08_T7C	
19968	ZM_0193_A1_D08		ZM_0193_A1_D08_MR
19969	ZM_0193_A1_D09	ZM_0193_A1_D09_T7C	
19970	ZM_0193_A1_D09		ZM_0193_A1_D09_MR
19971	ZM_0193_A1_D10	ZM_0193_A1_D10_T7C	
19972	ZM_0193_A1_D10		ZM_0193_A1_D10_MR
19973	ZM_0193_A1_D11	ZM_0193_A1_D11_T7C	
19974	ZM_0193_A1_D11		ZM_0193_A1_D11_MR
19975	ZM_0193_A1_D12	ZM_0193_A1_D12_T7C	
19976	ZM_0193_A1_D12		ZM_0193_A1_D12_MR
19977	ZM_0193_A1_E01		ZM_0193_A1_E01_MR
19978	ZM_0193_A1_E02	ZM_0193_A1_E02_T7C	
19979	ZM_0193_A1_E04	ZM_0193_A1_E04_T7C	
19980	ZM_0193_A1_E04		ZM_0193_A1_E04_MR
19981	ZM_0193_A1_E05	ZM_0193_A1_E05_T7C	
19982	ZM_0193_A1_E07	ZM_0193_A1_E07_T7C	
19983	ZM_0193_A1_E07		ZM_0193_A1_E07_MR
19984	ZM_0193_A1_E08	ZM_0193_A1_E08_T7C	
19985	ZM_0193_A1_E10	ZM_0193_A1_E10_T7C	
19986	ZM_0193_A1_E10		ZM_0193_A1_E10_MR
19987	ZM_0193_A1_E11	ZM_0193_A1_E11_T7C	
19988	ZM_0193_A1_F01	ZM_0193_A1_F01_T7C	
19989	ZM_0193_A1_F01		ZM_0193_A1_F01_MR
19990	ZM_0193_A1_F02	ZM_0193_A1_F02_T7C	
19991	ZM_0193_A1_F02		ZM_0193_A1_F02_MR
19992	ZM_0193_A1_F04		ZM_0193_A1_F04_MR
19993	ZM_0193_A1_F05	ZM_0193_A1_F05_T7C	
19994	ZM_0193_A1_F05		ZM_0193_A1_F05_MR
19995	ZM_0193_A1_F07	ZM_0193_A1_F07_T7C	
19996	ZM_0193_A1_F07		ZM_0193_A1_F07_MR
19997	ZM_0193_A1_F08	ZM_0193_A1_F08_T7C	
19998	ZM_0193_A1_F08		ZM_0193_A1_F08_MR
19999	ZM_0193_A1_F10	ZM_0193_A1_F10_T7C	
20000	ZM_0193_A1_F10		ZM_0193_A1_F10_MR
20001	ZM_0193_A1_F11	ZM_0193_A1_F11_T7C	
20002	ZM_0193_A1_F11		ZM_0193_A1_F11_MR
20003	ZM_0193_A1_G02		ZM_0193_A1_G02_MR
20004	ZM_0193_A1_G04		ZM_0193_A1_G04_MR
20005	ZM_0193_A1_G05	ZM_0193_A1_G05_T7C	
20006	ZM_0193_A1_G05		ZM_0193_A1_G05_MR
20007	ZM_0193_A1_G07		ZM_0193_A1_G07_MR
20008	ZM_0193_A1_G08		ZM_0193_A1_G08_MR
20009	ZM_0193_A1_G10	ZM_0193_A1_G10_T7C	
20010	ZM_0193_A1_G10		ZM_0193_A1_G10_MR
20011	ZM_0193_A1_G11	ZM_0193_A1_G11_T7C	
20012	ZM_0193_A1_G11		ZM_0193_A1_G11_MR
20013	ZM_0193_A1_H02	ZM_0193_A1_H02_T7C	
20014	ZM_0193_A1_H04	ZM_0193_A1_H04_T7C	
20015	ZM_0193_A1_H04		ZM_0193_A1_H04_MR
20016	ZM_0193_A1_H05	ZM_0193_A1_H05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20017	ZM_0193_A1_H07		ZM_0193_A1_H07_MR
20018	ZM_0193_A1_H08		ZM_0193_A1_H08_MR
20019	ZM_0193_A1_H10	ZM_0193_A1_H10_T7C	
20020	ZM_0193_A1_H11		ZM_0193_A1_H11_MR
20021	ZM_0193_A2_A01	ZM_0193_A2_A01_T7C	
20022	ZM_0193_A2_A01		ZM_0193_A2_A01_MR
20023	ZM_0193_A2_A02	ZM_0193_A2_A02_T7C	
20024	ZM_0193_A2_A03	ZM_0193_A2_A03_T7C	
20025	ZM_0193_A2_A04	ZM_0193_A2_A04_T7C	
20026	ZM_0193_A2_A04		ZM_0193_A2_A04_MR
20027	ZM_0193_A2_A05	ZM_0193_A2_A05_T7C	
20028	ZM_0193_A2_A05		ZM_0193_A2_A05_MR
20029	ZM_0193_A2_A06	ZM_0193_A2_A06_T7C	
20030	ZM_0193_A2_A06		ZM_0193_A2_A06_MR
20031	ZM_0193_A2_A07	ZM_0193_A2_A07_T7C	
20032	ZM_0193_A2_A07		ZM_0193_A2_A07_MR
20033	ZM_0193_A2_A08	ZM_0193_A2_A08_T7C	
20034	ZM_0193_A2_A09	ZM_0193_A2_A09_T7C	
20035	ZM_0193_A2_A09		ZM_0193_A2_A09_MR
20036	ZM_0193_A2_A10	ZM_0193_A2_A10_T7C	
20037	ZM_0193_A2_A10		ZM_0193_A2_A10_MR
20038	ZM_0193_A2_A11	ZM_0193_A2_A11_T7C	
20039	ZM_0193_A2_A11		ZM_0193_A2_A11_MR
20040	ZM_0193_A2_A12	ZM_0193_A2_A12_T7C	
20041	ZM_0193_A2_A12		ZM_0193_A2_A12_MR
20042	ZM_0193_A2_B01	ZM_0193_A2_B01_T7C	
20043	ZM_0193_A2_B01		ZM_0193_A2_B01_MR
20044	ZM_0193_A2_B02	ZM_0193_A2_B02_T7C	
20045	ZM_0193_A2_B02		ZM_0193_A2_B02_MR
20046	ZM_0193_A2_B03	ZM_0193_A2_B03_T7C	
20047	ZM_0193_A2_B03		ZM_0193_A2_B03_MR
20048	ZM_0193_A2_B04		ZM_0193_A2_B04_MR
20049	ZM_0193_A2_B05	ZM_0193_A2_B05_T7C	
20050	ZM_0193_A2_B05		ZM_0193_A2_B05_MR
20051	ZM_0193_A2_B06	ZM_0193_A2_B06_T7C	
20052	ZM_0193_A2_B06		ZM_0193_A2_B06_MR
20053	ZM_0193_A2_B07	ZM_0193_A2_B07_T7C	
20054	ZM_0193_A2_B07		ZM_0193_A2_B07_MR
20055	ZM_0193_A2_B08	ZM_0193_A2_B08_T7C	
20056	ZM_0193_A2_B08		ZM_0193_A2_B08_MR
20057	ZM_0193_A2_B09	ZM_0193_A2_B09_T7C	
20058	ZM_0193_A2_B09		ZM_0193_A2_B09_MR
20059	ZM_0193_A2_B10	ZM_0193_A2_B10_T7C	
20060	ZM_0193_A2_B10		ZM_0193_A2_B10_MR
20061	ZM_0193_A2_B11	ZM_0193_A2_B11_T7C	
20062	ZM_0193_A2_B11		ZM_0193_A2_B11_MR
20063	ZM_0193_A2_C01	ZM_0193_A2_C01_T7C	
20064	ZM_0193_A2_C01		ZM_0193_A2_C01_MR
20065	ZM_0193_A2_C02	ZM_0193_A2_C02_T7C	
20066	ZM_0193_A2_C02		ZM_0193_A2_C02_MR
20067	ZM_0193_A2_C03	ZM_0193_A2_C03_T7C	
20068	ZM_0193_A2_C03		ZM_0193_A2_C03_MR
20069	ZM_0193_A2_C04		ZM_0193_A2_C04_MR
20070	ZM_0193_A2_C05	ZM_0193_A2_C05_T7C	
20071	ZM_0193_A2_C05		ZM_0193_A2_C05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20072	ZM_0193_A2_C06	ZM_0193_A2_C06_T7C	
20073	ZM_0193_A2_C06		ZM_0193_A2_C06_MR
20074	ZM_0193_A2_C07	ZM_0193_A2_C07_T7C	
20075	ZM_0193_A2_C07		ZM_0193_A2_C07_MR
20076	ZM_0193_A2_C08	ZM_0193_A2_C08_T7C	
20077	ZM_0193_A2_C08		ZM_0193_A2_C08_MR
20078	ZM_0193_A2_C09	ZM_0193_A2_C09_T7C	
20079	ZM_0193_A2_C09		ZM_0193_A2_C09_MR
20080	ZM_0193_A2_C10	ZM_0193_A2_C10_T7C	
20081	ZM_0193_A2_C10		ZM_0193_A2_C10_MR
20082	ZM_0193_A2_C11	ZM_0193_A2_C11_T7C	
20083	ZM_0193_A2_C11		ZM_0193_A2_C11_MR
20084	ZM_0193_A2_C12	ZM_0193_A2_C12_T7C	
20085	ZM_0193_A2_C12		ZM_0193_A2_C12_MR
20086	ZM_0193_A2_D01	ZM_0193_A2_D01_T7C	
20087	ZM_0193_A2_D01		ZM_0193_A2_D01_MR
20088	ZM_0193_A2_D02		ZM_0193_A2_D02_MR
20089	ZM_0193_A2_D03	ZM_0193_A2_D03_T7C	
20090	ZM_0193_A2_D03		ZM_0193_A2_D03_MR
20091	ZM_0193_A2_D04	ZM_0193_A2_D04_T7C	
20092	ZM_0193_A2_D04		ZM_0193_A2_D04_MR
20093	ZM_0193_A2_D05	ZM_0193_A2_D05_T7C	
20094	ZM_0193_A2_D05		ZM_0193_A2_D05_MR
20095	ZM_0193_A2_D06	ZM_0193_A2_D06_T7C	
20096	ZM_0193_A2_D06		ZM_0193_A2_D06_MR
20097	ZM_0193_A2_D07		ZM_0193_A2_D07_MR
20098	ZM_0193_A2_D08	ZM_0193_A2_D08_T7C	
20099	ZM_0193_A2_D08		ZM_0193_A2_D08_MR
20100	ZM_0193_A2_D09	ZM_0193_A2_D09_T7C	
20101	ZM_0193_A2_D09		ZM_0193_A2_D09_MR
20102	ZM_0193_A2_D10	ZM_0193_A2_D10_T7C	
20103	ZM_0193_A2_D10		ZM_0193_A2_D10_MR
20104	ZM_0193_A2_D11	ZM_0193_A2_D11_T7C	
20105	ZM_0193_A2_D11		ZM_0193_A2_D11_MR
20106	ZM_0193_A2_D12	ZM_0193_A2_D12_T7C	
20107	ZM_0193_A2_D12		ZM_0193_A2_D12_MR
20108	ZM_0193_A2_E01	ZM_0193_A2_E01_T7C	
20109	ZM_0193_A2_E01		ZM_0193_A2_E01_MR
20110	ZM_0193_A2_E02	ZM_0193_A2_E02_T7C	
20111	ZM_0193_A2_E02		ZM_0193_A2_E02_MR
20112	ZM_0193_A2_E03	ZM_0193_A2_E03_T7C	
20113	ZM_0193_A2_E03		ZM_0193_A2_E03_MR
20114	ZM_0193_A2_E04	ZM_0193_A2_E04_T7C	
20115	ZM_0193_A2_E04		ZM_0193_A2_E04_MR
20116	ZM_0193_A2_E05	ZM_0193_A2_E05_T7C	
20117	ZM_0193_A2_E05		ZM_0193_A2_E05_MR
20118	ZM_0193_A2_E06	ZM_0193_A2_E06_T7C	
20119	ZM_0193_A2_E06		ZM_0193_A2_E06_MR
20120	ZM_0193_A2_E07	ZM_0193_A2_E07_T7C	
20121	ZM_0193_A2_E07		ZM_0193_A2_E07_MR
20122	ZM_0193_A2_E08	ZM_0193_A2_E08_T7C	
20123	ZM_0193_A2_E08		ZM_0193_A2_E08_MR
20124	ZM_0193_A2_E09	ZM_0193_A2_E09_T7C	
20125	ZM_0193_A2_E09		ZM_0193_A2_E09_MR
20126	ZM_0193_A2_E10	ZM_0193_A2_E10_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20127	ZM_0193_A2_E10		ZM_0193_A2_E10_MR
20128	ZM_0193_A2_E11	ZM_0193_A2_E11_T7C	
20129	ZM_0193_A2_E11		ZM_0193_A2_E11_MR
20130	ZM_0193_A2_E12	ZM_0193_A2_E12_T7C	
20131	ZM_0193_A2_E12		ZM_0193_A2_E12_MR
20132	ZM_0193_A2_F01	ZM_0193_A2_F01_T7C	
20133	ZM_0193_A2_F01		ZM_0193_A2_F01_MR
20134	ZM_0193_A2_F02	ZM_0193_A2_F02_T7C	
20135	ZM_0193_A2_F02		ZM_0193_A2_F02_MR
20136	ZM_0193_A2_F03	ZM_0193_A2_F03_T7C	
20137	ZM_0193_A2_F03		ZM_0193_A2_F03_MR
20138	ZM_0193_A2_F04	ZM_0193_A2_F04_T7C	
20139	ZM_0193_A2_F04		ZM_0193_A2_F04_MR
20140	ZM_0193_A2_F05	ZM_0193_A2_F05_T7C	
20141	ZM_0193_A2_F06	ZM_0193_A2_F06_T7C	
20142	ZM_0193_A2_F06		ZM_0193_A2_F06_MR
20143	ZM_0193_A2_F07	ZM_0193_A2_F07_T7C	
20144	ZM_0193_A2_F07		ZM_0193_A2_F07_MR
20145	ZM_0193_A2_F08	ZM_0193_A2_F08_T7C	
20146	ZM_0193_A2_F08		ZM_0193_A2_F08_MR
20147	ZM_0193_A2_F09		ZM_0193_A2_F09_MR
20148	ZM_0193_A2_F10	ZM_0193_A2_F10_T7C	
20149	ZM_0193_A2_F10		ZM_0193_A2_F10_MR
20150	ZM_0193_A2_F11	ZM_0193_A2_F11_T7C	
20151	ZM_0193_A2_F11		ZM_0193_A2_F11_MR
20152	ZM_0193_A2_F12	ZM_0193_A2_F12_T7C	
20153	ZM_0193_A2_F12		ZM_0193_A2_F12_MR
20154	ZM_0193_A2_G01	ZM_0193_A2_G01_T7C	
20155	ZM_0193_A2_G02	ZM_0193_A2_G02_T7C	
20156	ZM_0193_A2_G02		ZM_0193_A2_G02_MR
20157	ZM_0193_A2_G03	ZM_0193_A2_G03_T7C	
20158	ZM_0193_A2_G04	ZM_0193_A2_G04_T7C	
20159	ZM_0193_A2_G04		ZM_0193_A2_G04_MR
20160	ZM_0193_A2_G05	ZM_0193_A2_G05_T7C	
20161	ZM_0193_A2_G05		ZM_0193_A2_G05_MR
20162	ZM_0193_A2_G06	ZM_0193_A2_G06_T7C	
20163	ZM_0193_A2_G06		ZM_0193_A2_G06_MR
20164	ZM_0193_A2_G07	ZM_0193_A2_G07_T7C	
20165	ZM_0193_A2_G07		ZM_0193_A2_G07_MR
20166	ZM_0193_A2_G09	ZM_0193_A2_G09_T7C	
20167	ZM_0193_A2_G09		ZM_0193_A2_G09_MR
20168	ZM_0193_A2_G10	ZM_0193_A2_G10_T7C	
20169	ZM_0193_A2_G10		ZM_0193_A2_G10_MR
20170	ZM_0193_A2_G11		ZM_0193_A2_G11_MR
20171	ZM_0193_A2_G12	ZM_0193_A2_G12_T7C	
20172	ZM_0193_A2_G12		ZM_0193_A2_G12_MR
20173	ZM_0193_A2_H01	ZM_0193_A2_H01_T7C	
20174	ZM_0193_A2_H01		ZM_0193_A2_H01_MR
20175	ZM_0193_A2_H02	ZM_0193_A2_H02_T7C	
20176	ZM_0193_A2_H02		ZM_0193_A2_H02_MR
20177	ZM_0193_A2_H03		ZM_0193_A2_H03_MR
20178	ZM_0193_A2_H04	ZM_0193_A2_H04_T7C	
20179	ZM_0193_A2_H04		ZM_0193_A2_H04_MR
20180	ZM_0193_A2_H05	ZM_0193_A2_H05_T7C	
20181	ZM_0193_A2_H05		ZM_0193_A2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20182	ZM_0193_A2_H06	ZM_0193_A2_H06_T7C	
20183	ZM_0193_A2_H06		ZM_0193_A2_H06_MR
20184	ZM_0193_A2_H07	ZM_0193_A2_H07_T7C	
20185	ZM_0193_A2_H07		ZM_0193_A2_H07_MR
20186	ZM_0193_A2_H08	ZM_0193_A2_H08_T7C	
20187	ZM_0193_A2_H08		ZM_0193_A2_H08_MR
20188	ZM_0193_A2_H09	ZM_0193_A2_H09_T7C	
20189	ZM_0193_A2_H09		ZM_0193_A2_H09_MR
20190	ZM_0193_A2_H10	ZM_0193_A2_H10_T7C	
20191	ZM_0193_A2_H10		ZM_0193_A2_H10_MR
20192	ZM_0193_A2_H11	ZM_0193_A2_H11_T7C	
20193	ZM_0193_A2_H11		ZM_0193_A2_H11_MR
20194	ZM_0193_A2_H12	ZM_0193_A2_H12_T7C	
20195	ZM_0193_A2_H12		ZM_0193_A2_H12_MR
20196	ZM_0193_B1_A01	ZM_0193_B1_A01_T7C	
20197	ZM_0193_B1_A01		ZM_0193_B1_A01_MR
20198	ZM_0193_B1_A02	ZM_0193_B1_A02_T7C	
20199	ZM_0193_B1_A02		ZM_0193_B1_A02_MR
20200	ZM_0193_B1_A03	ZM_0193_B1_A03_T7C	
20201	ZM_0193_B1_A03		ZM_0193_B1_A03_MR
20202	ZM_0193_B1_A04	ZM_0193_B1_A04_T7C	
20203	ZM_0193_B1_A04		ZM_0193_B1_A04_MR
20204	ZM_0193_B1_A06		ZM_0193_B1_A06_MR
20205	ZM_0193_B1_A07	ZM_0193_B1_A07_T7C	
20206	ZM_0193_B1_A07		ZM_0193_B1_A07_MR
20207	ZM_0193_B1_A08	ZM_0193_B1_A08_T7C	
20208	ZM_0193_B1_A08		ZM_0193_B1_A08_MR
20209	ZM_0193_B1_A09	ZM_0193_B1_A09_T7C	
20210	ZM_0193_B1_A09		ZM_0193_B1_A09_MR
20211	ZM_0193_B1_A10		ZM_0193_B1_A10_MR
20212	ZM_0193_B1_A11		ZM_0193_B1_A11_MR
20213	ZM_0193_B1_A12	ZM_0193_B1_A12_T7C	
20214	ZM_0193_B1_A12		ZM_0193_B1_A12_MR
20215	ZM_0193_B1_B01	ZM_0193_B1_B01_T7C	
20216	ZM_0193_B1_B01		ZM_0193_B1_B01_MR
20217	ZM_0193_B1_B02	ZM_0193_B1_B02_T7C	
20218	ZM_0193_B1_B02		ZM_0193_B1_B02_MR
20219	ZM_0193_B1_B03	ZM_0193_B1_B03_T7C	
20220	ZM_0193_B1_B03		ZM_0193_B1_B03_MR
20221	ZM_0193_B1_B04	ZM_0193_B1_B04_T7C	
20222	ZM_0193_B1_B04		ZM_0193_B1_B04_MR
20223	ZM_0193_B1_B05	ZM_0193_B1_B05_T7C	
20224	ZM_0193_B1_B06		ZM_0193_B1_B06_MR
20225	ZM_0193_B1_B07	ZM_0193_B1_B07_T7C	
20226	ZM_0193_B1_B07		ZM_0193_B1_B07_MR
20227	ZM_0193_B1_B08		ZM_0193_B1_B08_MR
20228	ZM_0193_B1_B09		ZM_0193_B1_B09_MR
20229	ZM_0193_B1_B10	ZM_0193_B1_B10_T7C	
20230	ZM_0193_B1_B10		ZM_0193_B1_B10_MR
20231	ZM_0193_B1_B11	ZM_0193_B1_B11_T7C	
20232	ZM_0193_B1_B11		ZM_0193_B1_B11_MR
20233	ZM_0193_B1_B12	ZM_0193_B1_B12_T7C	
20234	ZM_0193_B1_B12		ZM_0193_B1_B12_MR
20235	ZM_0193_B1_C01	ZM_0193_B1_C01_T7C	
20236	ZM_0193_B1_C01		ZM_0193_B1_C01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20237	ZM_0193_B1_C02	ZM_0193_B1_C02_T7C	ZM_0193_B1_C02_MR
20238	ZM_0193_B1_C02		
20239	ZM_0193_B1_C03	ZM_0193_B1_C03_T7C	ZM_0193_B1_C03_MR
20240	ZM_0193_B1_C03		
20241	ZM_0193_B1_C04	ZM_0193_B1_C04_T7C	ZM_0193_B1_C04_MR
20242	ZM_0193_B1_C04		
20243	ZM_0193_B1_C05	ZM_0193_B1_C05_T7C	ZM_0193_B1_C05_MR
20244	ZM_0193_B1_C05		
20245	ZM_0193_B1_C06	ZM_0193_B1_C06_T7C	ZM_0193_B1_C06_MR
20246	ZM_0193_B1_C06		
20247	ZM_0193_B1_C07	ZM_0193_B1_C07_T7C	ZM_0193_B1_C07_MR
20248	ZM_0193_B1_C07		
20249	ZM_0193_B1_C08	ZM_0193_B1_C08_T7C	ZM_0193_B1_C08_MR
20250	ZM_0193_B1_C08		
20251	ZM_0193_B1_C09	ZM_0193_B1_C09_T7C	ZM_0193_B1_C09_MR
20252	ZM_0193_B1_C09		
20253	ZM_0193_B1_C10	ZM_0193_B1_C10_T7C	ZM_0193_B1_C10_MR
20254	ZM_0193_B1_C10		
20255	ZM_0193_B1_C11	ZM_0193_B1_C11_T7C	ZM_0193_B1_C11_MR
20256	ZM_0193_B1_C11		
20257	ZM_0193_B1_C12	ZM_0193_B1_C12_T7C	ZM_0193_B1_C12_MR
20258	ZM_0193_B1_C12		
20259	ZM_0193_B1_D02	ZM_0193_B1_D02_T7C	ZM_0193_B1_D02_MR
20260	ZM_0193_B1_D02		
20261	ZM_0193_B1_D03	ZM_0193_B1_D03_T7C	ZM_0193_B1_D03_MR
20262	ZM_0193_B1_D03		
20263	ZM_0193_B1_D04	ZM_0193_B1_D04_T7C	ZM_0193_B1_D04_MR
20264	ZM_0193_B1_D04		
20265	ZM_0193_B1_D05	ZM_0193_B1_D05_T7C	ZM_0193_B1_D05_MR
20266	ZM_0193_B1_D05		
20267	ZM_0193_B1_D06	ZM_0193_B1_D06_T7C	ZM_0193_B1_D06_MR
20268	ZM_0193_B1_D06		
20269	ZM_0193_B1_D07	ZM_0193_B1_D07_T7C	ZM_0193_B1_D07_MR
20270	ZM_0193_B1_D07		
20271	ZM_0193_B1_D08	ZM_0193_B1_D08_T7C	ZM_0193_B1_D08_MR
20272	ZM_0193_B1_D08		
20273	ZM_0193_B1_D09	ZM_0193_B1_D09_T7C	ZM_0193_B1_D09_MR
20274	ZM_0193_B1_D09		
20275	ZM_0193_B1_D10	ZM_0193_B1_D10_T7C	ZM_0193_B1_D10_MR
20276	ZM_0193_B1_D10		
20277	ZM_0193_B1_D11	ZM_0193_B1_D11_T7C	ZM_0193_B1_D11_MR
20278	ZM_0193_B1_D11		
20279	ZM_0193_B1_D12	ZM_0193_B1_D12_T7C	ZM_0193_B1_D12_MR
20280	ZM_0193_B1_D12		
20281	ZM_0193_B1_E01	ZM_0193_B1_E01_T7C	ZM_0193_B1_E01_MR
20282	ZM_0193_B1_E01		
20283	ZM_0193_B1_E02	ZM_0193_B1_E02_T7C	ZM_0193_B1_E02_MR
20284	ZM_0193_B1_E02		
20285	ZM_0193_B1_E04	ZM_0193_B1_E04_T7C	ZM_0193_B1_E04_MR
20286	ZM_0193_B1_E04		
20287	ZM_0193_B1_E05	ZM_0193_B1_E05_T7C	ZM_0193_B1_E05_MR
20288	ZM_0193_B1_E05		
20289	ZM_0193_B1_E07	ZM_0193_B1_E07_T7C	ZM_0193_B1_E07_MR
20290	ZM_0193_B1_E07		
20291	ZM_0193_B1_E08		ZM_0193_B1_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20292	ZM_0193_B1_E10	ZM_0193_B1_E10_T7C	
20293	ZM_0193_B1_E10		ZM_0193_B1_E10_MR
20294	ZM_0193_B1_E11	ZM_0193_B1_E11_T7C	
20295	ZM_0193_B1_E11		ZM_0193_B1_E11_MR
20296	ZM_0193_B1_F01	ZM_0193_B1_F01_T7C	
20297	ZM_0193_B1_F01		ZM_0193_B1_F01_MR
20298	ZM_0193_B1_F02	ZM_0193_B1_F02_T7C	
20299	ZM_0193_B1_F02		ZM_0193_B1_F02_MR
20300	ZM_0193_B1_F04	ZM_0193_B1_F04_T7C	
20301	ZM_0193_B1_F04		ZM_0193_B1_F04_MR
20302	ZM_0193_B1_F05	ZM_0193_B1_F05_T7C	
20303	ZM_0193_B1_F05		ZM_0193_B1_F05_MR
20304	ZM_0193_B1_F07	ZM_0193_B1_F07_T7C	
20305	ZM_0193_B1_F07		ZM_0193_B1_F07_MR
20306	ZM_0193_B1_F08	ZM_0193_B1_F08_T7C	
20307	ZM_0193_B1_F08		ZM_0193_B1_F08_MR
20308	ZM_0193_B1_F10	ZM_0193_B1_F10_T7C	
20309	ZM_0193_B1_F10		ZM_0193_B1_F10_MR
20310	ZM_0193_B1_F11	ZM_0193_B1_F11_T7C	
20311	ZM_0193_B1_F11		ZM_0193_B1_F11_MR
20312	ZM_0193_B1_G01	ZM_0193_B1_G01_T7C	
20313	ZM_0193_B1_G01		ZM_0193_B1_G01_MR
20314	ZM_0193_B1_G02	ZM_0193_B1_G02_T7C	
20315	ZM_0193_B1_G02		ZM_0193_B1_G02_MR
20316	ZM_0193_B1_G04	ZM_0193_B1_G04_T7C	
20317	ZM_0193_B1_G04		ZM_0193_B1_G04_MR
20318	ZM_0193_B1_G05	ZM_0193_B1_G05_T7C	
20319	ZM_0193_B1_G05		ZM_0193_B1_G05_MR
20320	ZM_0193_B1_G07		ZM_0193_B1_G07_MR
20321	ZM_0193_B1_G08	ZM_0193_B1_G08_T7C	
20322	ZM_0193_B1_G08		ZM_0193_B1_G08_MR
20323	ZM_0193_B1_G10	ZM_0193_B1_G10_T7C	
20324	ZM_0193_B1_G10		ZM_0193_B1_G10_MR
20325	ZM_0193_B1_G11	ZM_0193_B1_G11_T7C	
20326	ZM_0193_B1_G11		ZM_0193_B1_G11_MR
20327	ZM_0193_B1_H01	ZM_0193_B1_H01_T7C	
20328	ZM_0193_B1_H01		ZM_0193_B1_H01_MR
20329	ZM_0193_B1_H02	ZM_0193_B1_H02_T7C	
20330	ZM_0193_B1_H02		ZM_0193_B1_H02_MR
20331	ZM_0193_B1_H04		ZM_0193_B1_H04_MR
20332	ZM_0193_B1_H05	ZM_0193_B1_H05_T7C	
20333	ZM_0193_B1_H05		ZM_0193_B1_H05_MR
20334	ZM_0193_B1_H07	ZM_0193_B1_H07_T7C	
20335	ZM_0193_B1_H07		ZM_0193_B1_H07_MR
20336	ZM_0193_B1_H08		ZM_0193_B1_H08_MR
20337	ZM_0193_B1_H10	ZM_0193_B1_H10_T7C	
20338	ZM_0193_B1_H10		ZM_0193_B1_H10_MR
20339	ZM_0193_B1_H11		ZM_0193_B1_H11_MR
20340	ZM_0193_B2_A01	ZM_0193_B2_A01_T7C	
20341	ZM_0193_B2_A01		ZM_0193_B2_A01_MR
20342	ZM_0193_B2_A02		ZM_0193_B2_A02_MR
20343	ZM_0193_B2_A03	ZM_0193_B2_A03_T7C	
20344	ZM_0193_B2_A03		ZM_0193_B2_A03_MR
20345	ZM_0193_B2_A04	ZM_0193_B2_A04_T7C	
20346	ZM_0193_B2_A04		ZM_0193_B2_A04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20347	ZM_0193_B2_A05		ZM_0193_B2_A05_MR
20348	ZM_0193_B2_A06	ZM_0193_B2_A06_T7C	
20349	ZM_0193_B2_A06		ZM_0193_B2_A06_MR
20350	ZM_0193_B2_A07	ZM_0193_B2_A07_T7C	
20351	ZM_0193_B2_A07		ZM_0193_B2_A07_MR
20352	ZM_0193_B2_A08	ZM_0193_B2_A08_T7C	
20353	ZM_0193_B2_A08		ZM_0193_B2_A08_MR
20354	ZM_0193_B2_A09	ZM_0193_B2_A09_T7C	
20355	ZM_0193_B2_A10	ZM_0193_B2_A10_T7C	
20356	ZM_0193_B2_A10		ZM_0193_B2_A10_MR
20357	ZM_0193_B2_A11		ZM_0193_B2_A11_MR
20358	ZM_0193_B2_A12	ZM_0193_B2_A12_T7C	
20359	ZM_0193_B2_A12		ZM_0193_B2_A12_MR
20360	ZM_0193_B2_B01	ZM_0193_B2_B01_T7C	
20361	ZM_0193_B2_B01		ZM_0193_B2_B01_MR
20362	ZM_0193_B2_B02	ZM_0193_B2_B02_T7C	
20363	ZM_0193_B2_B02		ZM_0193_B2_B02_MR
20364	ZM_0193_B2_B03	ZM_0193_B2_B03_T7C	
20365	ZM_0193_B2_B03		ZM_0193_B2_B03_MR
20366	ZM_0193_B2_B04	ZM_0193_B2_B04_T7C	
20367	ZM_0193_B2_B05	ZM_0193_B2_B05_T7C	
20368	ZM_0193_B2_B05		ZM_0193_B2_B05_MR
20369	ZM_0193_B2_B06	ZM_0193_B2_B06_T7C	
20370	ZM_0193_B2_B06		ZM_0193_B2_B06_MR
20371	ZM_0193_B2_B07	ZM_0193_B2_B07_T7C	
20372	ZM_0193_B2_B07		ZM_0193_B2_B07_MR
20373	ZM_0193_B2_B08	ZM_0193_B2_B08_T7C	
20374	ZM_0193_B2_B08		ZM_0193_B2_B08_MR
20375	ZM_0193_B2_B09	ZM_0193_B2_B09_T7C	
20376	ZM_0193_B2_B09		ZM_0193_B2_B09_MR
20377	ZM_0193_B2_B10	ZM_0193_B2_B10_T7C	
20378	ZM_0193_B2_B10		ZM_0193_B2_B10_MR
20379	ZM_0193_B2_B11	ZM_0193_B2_B11_T7C	
20380	ZM_0193_B2_B11		ZM_0193_B2_B11_MR
20381	ZM_0193_B2_B12	ZM_0193_B2_B12_T7C	
20382	ZM_0193_B2_B12		ZM_0193_B2_B12_MR
20383	ZM_0193_B2_C01	ZM_0193_B2_C01_T7C	
20384	ZM_0193_B2_C02	ZM_0193_B2_C02_T7C	
20385	ZM_0193_B2_C02		ZM_0193_B2_C02_MR
20386	ZM_0193_B2_C04	ZM_0193_B2_C04_T7C	
20387	ZM_0193_B2_C04		ZM_0193_B2_C04_MR
20388	ZM_0193_B2_C05	ZM_0193_B2_C05_T7C	
20389	ZM_0193_B2_C05		ZM_0193_B2_C05_MR
20390	ZM_0193_B2_C07	ZM_0193_B2_C07_T7C	
20391	ZM_0193_B2_C07		ZM_0193_B2_C07_MR
20392	ZM_0193_B2_C08	ZM_0193_B2_C08_T7C	
20393	ZM_0193_B2_C08		ZM_0193_B2_C08_MR
20394	ZM_0193_B2_C09	ZM_0193_B2_C09_T7C	
20395	ZM_0193_B2_C10	ZM_0193_B2_C10_T7C	
20396	ZM_0193_B2_C10		ZM_0193_B2_C10_MR
20397	ZM_0193_B2_C11	ZM_0193_B2_C11_T7C	
20398	ZM_0193_B2_C12	ZM_0193_B2_C12_T7C	
20399	ZM_0193_B2_C12		ZM_0193_B2_C12_MR
20400	ZM_0193_B2_D01	ZM_0193_B2_D01_T7C	
20401	ZM_0193_B2_D02	ZM_0193_B2_D02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20402	ZM_0193_B2_D02		ZM_0193_B2_D02_MR
20403	ZM_0193_B2_D03	ZM_0193_B2_D03_T7C	
20404	ZM_0193_B2_D03		ZM_0193_B2_D03_MR
20405	ZM_0193_B2_D04	ZM_0193_B2_D04_T7C	
20406	ZM_0193_B2_D04		ZM_0193_B2_D04_MR
20407	ZM_0193_B2_D05	ZM_0193_B2_D05_T7C	
20408	ZM_0193_B2_D05		ZM_0193_B2_D05_MR
20409	ZM_0193_B2_D06	ZM_0193_B2_D06_T7C	
20410	ZM_0193_B2_D06		ZM_0193_B2_D06_MR
20411	ZM_0193_B2_D07	ZM_0193_B2_D07_T7C	
20412	ZM_0193_B2_D08	ZM_0193_B2_D08_T7C	
20413	ZM_0193_B2_D09	ZM_0193_B2_D09_T7C	
20414	ZM_0193_B2_D10		ZM_0193_B2_D10_MR
20415	ZM_0193_B2_D11	ZM_0193_B2_D11_T7C	
20416	ZM_0193_B2_D11		ZM_0193_B2_D11_MR
20417	ZM_0193_B2_D12	ZM_0193_B2_D12_T7C	
20418	ZM_0193_B2_D12		ZM_0193_B2_D12_MR
20419	ZM_0193_B2_E01	ZM_0193_B2_E01_T7C	
20420	ZM_0193_B2_E01		ZM_0193_B2_E01_MR
20421	ZM_0193_B2_E02	ZM_0193_B2_E02_T7C	
20422	ZM_0193_B2_E02		ZM_0193_B2_E02_MR
20423	ZM_0193_B2_E04	ZM_0193_B2_E04_T7C	
20424	ZM_0193_B2_E04		ZM_0193_B2_E04_MR
20425	ZM_0193_B2_E05	ZM_0193_B2_E05_T7C	
20426	ZM_0193_B2_E05		ZM_0193_B2_E05_MR
20427	ZM_0193_B2_E06	ZM_0193_B2_E06_T7C	
20428	ZM_0193_B2_E07	ZM_0193_B2_E07_T7C	
20429	ZM_0193_B2_E08	ZM_0193_B2_E08_T7C	
20430	ZM_0193_B2_E08		ZM_0193_B2_E08_MR
20431	ZM_0193_B2_E09	ZM_0193_B2_E09_T7C	
20432	ZM_0193_B2_E09		ZM_0193_B2_E09_MR
20433	ZM_0193_B2_E10	ZM_0193_B2_E10_T7C	
20434	ZM_0193_B2_E10		ZM_0193_B2_E10_MR
20435	ZM_0193_B2_E11	ZM_0193_B2_E11_T7C	
20436	ZM_0193_B2_E11		ZM_0193_B2_E11_MR
20437	ZM_0193_B2_E12	ZM_0193_B2_E12_T7C	
20438	ZM_0193_B2_E12		ZM_0193_B2_E12_MR
20439	ZM_0193_B2_F01	ZM_0193_B2_F01_T7C	
20440	ZM_0193_B2_F01		ZM_0193_B2_F01_MR
20441	ZM_0193_B2_F02	ZM_0193_B2_F02_T7C	
20442	ZM_0193_B2_F02		ZM_0193_B2_F02_MR
20443	ZM_0193_B2_F03	ZM_0193_B2_F03_T7C	
20444	ZM_0193_B2_F03		ZM_0193_B2_F03_MR
20445	ZM_0193_B2_F04	ZM_0193_B2_F04_T7C	
20446	ZM_0193_B2_F04		ZM_0193_B2_F04_MR
20447	ZM_0193_B2_F05	ZM_0193_B2_F05_T7C	
20448	ZM_0193_B2_F05		ZM_0193_B2_F05_MR
20449	ZM_0193_B2_F06	ZM_0193_B2_F06_T7C	
20450	ZM_0193_B2_F06		ZM_0193_B2_F06_MR
20451	ZM_0193_B2_F07	ZM_0193_B2_F07_T7C	
20452	ZM_0193_B2_F07		ZM_0193_B2_F07_MR
20453	ZM_0193_B2_F08	ZM_0193_B2_F08_T7C	
20454	ZM_0193_B2_F08		ZM_0193_B2_F08_MR
20455	ZM_0193_B2_F09	ZM_0193_B2_F09_T7C	
20456	ZM_0193_B2_F09		ZM_0193_B2_F09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20457	ZM_0193_B2_F10	ZM_0193_B2_F10_T7C	
20458	ZM_0193_B2_F10		ZM_0193_B2_F10_MR
20459	ZM_0193_B2_F11	ZM_0193_B2_F11_T7C	
20460	ZM_0193_B2_F11		ZM_0193_B2_F11_MR
20461	ZM_0193_B2_F12	ZM_0193_B2_F12_T7C	
20462	ZM_0193_B2_F12		ZM_0193_B2_F12_MR
20463	ZM_0193_B2_G01	ZM_0193_B2_G01_T7C	
20464	ZM_0193_B2_G01		ZM_0193_B2_G01_MR
20465	ZM_0193_B2_G02	ZM_0193_B2_G02_T7C	
20466	ZM_0193_B2_G02		ZM_0193_B2_G02_MR
20467	ZM_0193_B2_G03	ZM_0193_B2_G03_T7C	
20468	ZM_0193_B2_G03		ZM_0193_B2_G03_MR
20469	ZM_0193_B2_G04	ZM_0193_B2_G04_T7C	
20470	ZM_0193_B2_G04		ZM_0193_B2_G04_MR
20471	ZM_0193_B2_G05	ZM_0193_B2_G05_T7C	
20472	ZM_0193_B2_G05		ZM_0193_B2_G05_MR
20473	ZM_0193_B2_G06	ZM_0193_B2_G06_T7C	
20474	ZM_0193_B2_G06		ZM_0193_B2_G06_MR
20475	ZM_0193_B2_G07	ZM_0193_B2_G07_T7C	
20476	ZM_0193_B2_G07		ZM_0193_B2_G07_MR
20477	ZM_0193_B2_G08	ZM_0193_B2_G08_T7C	
20478	ZM_0193_B2_G08		ZM_0193_B2_G08_MR
20479	ZM_0193_B2_G09	ZM_0193_B2_G09_T7C	
20480	ZM_0193_B2_G09		ZM_0193_B2_G09_MR
20481	ZM_0193_B2_G10	ZM_0193_B2_G10_T7C	
20482	ZM_0193_B2_G10		ZM_0193_B2_G10_MR
20483	ZM_0193_B2_G11	ZM_0193_B2_G11_T7C	
20484	ZM_0193_B2_G12	ZM_0193_B2_G12_T7C	
20485	ZM_0193_B2_G12		ZM_0193_B2_G12_MR
20486	ZM_0193_B2_H01	ZM_0193_B2_H01_T7C	
20487	ZM_0193_B2_H02	ZM_0193_B2_H02_T7C	
20488	ZM_0193_B2_H02		ZM_0193_B2_H02_MR
20489	ZM_0193_B2_H03	ZM_0193_B2_H03_T7C	
20490	ZM_0193_B2_H03		ZM_0193_B2_H03_MR
20491	ZM_0193_B2_H04	ZM_0193_B2_H04_T7C	
20492	ZM_0193_B2_H04		ZM_0193_B2_H04_MR
20493	ZM_0193_B2_H05		ZM_0193_B2_H05_MR
20494	ZM_0193_B2_H06	ZM_0193_B2_H06_T7C	
20495	ZM_0193_B2_H06		ZM_0193_B2_H06_MR
20496	ZM_0193_B2_H07	ZM_0193_B2_H07_T7C	
20497	ZM_0193_B2_H07		ZM_0193_B2_H07_MR
20498	ZM_0193_B2_H08		ZM_0193_B2_H08_MR
20499	ZM_0193_B2_H09	ZM_0193_B2_H09_T7C	
20500	ZM_0193_B2_H09		ZM_0193_B2_H09_MR
	ZM_0193_B2_H10	ZM_0193_B2_H10_T7C	
20502	ZM_0193_B2_H10		ZM_0193_B2_H10_MR
20503	ZM_0193_B2_H11	ZM_0193_B2_H11_T7C	
20504	ZM_0193_B2_H11		ZM_0193_B2_H11_MR
20505	ZM_0193_B2_H12	ZM_0193_B2_H12_T7C	
20506	ZM_0193_B2_H12		ZM_0193_B2_H12_MR
20507	ZM_0194_A1_A01	ZM_0194_A1_A01_T7C	
20508	ZM_0194_A1_A02	ZM_0194_A1_A02_T7C	
20509	ZM_0194_A1_A03	ZM_0194_A1_A03_T7C	
20510	ZM_0194_A1_A04	ZM_0194_A1_A04_T7C	
20511	ZM_0194_A1_A05	ZM_0194_A1_A05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20512	ZM_0194_A1_A05		ZM_0194_A1_A05_MR
20513	ZM_0194_A1_A06	ZM_0194_A1_A06_T7C	
20514	ZM_0194_A1_A06		ZM_0194_A1_A06_MR
20515	ZM_0194_A1_A07	ZM_0194_A1_A07_T7C	
20516	ZM_0194_A1_A07		ZM_0194_A1_A07_MR
20517	ZM_0194_A1_A08	ZM_0194_A1_A08_T7C	
20518	ZM_0194_A1_A08		ZM_0194_A1_A08_MR
20519	ZM_0194_A1_A09	ZM_0194_A1_A09_T7C	
20520	ZM_0194_A1_A09		ZM_0194_A1_A09_MR
20521	ZM_0194_A1_A10	ZM_0194_A1_A10_T7C	
20522	ZM_0194_A1_A11	ZM_0194_A1_A11_T7C	
20523	ZM_0194_A1_A11		ZM_0194_A1_A11_MR
20524	ZM_0194_A1_A12	ZM_0194_A1_A12_T7C	
20525	ZM_0194_A1_B01	ZM_0194_A1_B01_T7C	
20526	ZM_0194_A1_B02	ZM_0194_A1_B02_T7C	
20527	ZM_0194_A1_B03	ZM_0194_A1_B03_T7C	
20528	ZM_0194_A1_B03		ZM_0194_A1_B03_MR
20529	ZM_0194_A1_B04	ZM_0194_A1_B04_T7C	
20530	ZM_0194_A1_B04		ZM_0194_A1_B04_MR
20531	ZM_0194_A1_B06	ZM_0194_A1_B06_T7C	
20532	ZM_0194_A1_B06		ZM_0194_A1_B06_MR
20533	ZM_0194_A1_B07	ZM_0194_A1_B07_T7C	
20534	ZM_0194_A1_B07		ZM_0194_A1_B07_MR
20535	ZM_0194_A1_B08	ZM_0194_A1_B08_T7C	
20536	ZM_0194_A1_B09	ZM_0194_A1_B09_T7C	
20537	ZM_0194_A1_B09		ZM_0194_A1_B09_MR
20538	ZM_0194_A1_B10	ZM_0194_A1_B10_T7C	
20539	ZM_0194_A1_B10		ZM_0194_A1_B10_MR
20540	ZM_0194_A1_B12	ZM_0194_A1_B12_T7C	
20541	ZM_0194_A1_C01	ZM_0194_A1_C01_T7C	
20542	ZM_0194_A1_C01		ZM_0194_A1_C01_MR
20543	ZM_0194_A1_C02	ZM_0194_A1_C02_T7C	
20544	ZM_0194_A1_C02		ZM_0194_A1_C02_MR
20545	ZM_0194_A1_C03	ZM_0194_A1_C03_T7C	
20546	ZM_0194_A1_C04	ZM_0194_A1_C04_T7C	
20547	ZM_0194_A1_C06	ZM_0194_A1_C06_T7C	
20548	ZM_0194_A1_C06		ZM_0194_A1_C06_MR
20549	ZM_0194_A1_C07	ZM_0194_A1_C07_T7C	
20550	ZM_0194_A1_C07		ZM_0194_A1_C07_MR
20551	ZM_0194_A1_C08	ZM_0194_A1_C08_T7C	
20552	ZM_0194_A1_C08		ZM_0194_A1_C08_MR
20553	ZM_0194_A1_C09	ZM_0194_A1_C09_T7C	
20554	ZM_0194_A1_C10		ZM_0194_A1_C10_MR
20555	ZM_0194_A1_C11	ZM_0194_A1_C11_T7C	
20556	ZM_0194_A1_C12	ZM_0194_A1_C12_T7C	
20557	ZM_0194_A1_C12		ZM_0194_A1_C12_MR
20558	ZM_0194_A1_D01	ZM_0194_A1_D01_T7C	
20559	ZM_0194_A1_D01		ZM_0194_A1_D01_MR
20560	ZM_0194_A1_D02	ZM_0194_A1_D02_T7C	
20561	ZM_0194_A1_D02		ZM_0194_A1_D02_MR
20562	ZM_0194_A1_D03	ZM_0194_A1_D03_T7C	
20563	ZM_0194_A1_D04	ZM_0194_A1_D04_T7C	
20564	ZM_0194_A1_D06	ZM_0194_A1_D06_T7C	
20565	ZM_0194_A1_D06		ZM_0194_A1_D06_MR
20566	ZM_0194_A1_D07	ZM_0194_A1_D07_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20567	ZM_0194_A1_D08	ZM_0194_A1_D08_T7C	
20568	ZM_0194_A1_D08		ZM_0194_A1_D08_MR
20569	ZM_0194_A1_D09	ZM_0194_A1_D09_T7C	
20570	ZM_0194_A1_D10		ZM_0194_A1_D10_MR
20571	ZM_0194_A1_D11	ZM_0194_A1_D11_T7C	
20572	ZM_0194_A1_D11		ZM_0194_A1_D11_MR
20573	ZM_0194_A1_D12	ZM_0194_A1_D12_T7C	
20574	ZM_0194_A1_E01	ZM_0194_A1_E01_T7C	
20575	ZM_0194_A1_E02	ZM_0194_A1_E02_T7C	
20576	ZM_0194_A1_E03	ZM_0194_A1_E03_T7C	
20577	ZM_0194_A1_E04	ZM_0194_A1_E04_T7C	
20578	ZM_0194_A1_E04		ZM_0194_A1_E04_MR
20579	ZM_0194_A1_E05	ZM_0194_A1_E05_T7C	
20580	ZM_0194_A1_E06	ZM_0194_A1_E06_T7C	
20581	ZM_0194_A1_E06		ZM_0194_A1_E06_MR
20582	ZM_0194_A1_E07	ZM_0194_A1_E07_T7C	
20583	ZM_0194_A1_E07		ZM_0194_A1_E07_MR
20584	ZM_0194_A1_E08	ZM_0194_A1_E08_T7C	
20585	ZM_0194_A1_E09	ZM_0194_A1_E09_T7C	
20586	ZM_0194_A1_E09		ZM_0194_A1_E09_MR
20587	ZM_0194_A1_E11	ZM_0194_A1_E11_T7C	
20588	ZM_0194_A1_E11		ZM_0194_A1_E11_MR
20589	ZM_0194_A1_E12	ZM_0194_A1_E12_T7C	
20590	ZM_0194_A1_E12		ZM_0194_A1_E12_MR
20591	ZM_0194_A1_F01	ZM_0194_A1_F01_T7C	
20592	ZM_0194_A1_F03	ZM_0194_A1_F03_T7C	
20593	ZM_0194_A1_F04	ZM_0194_A1_F04_T7C	
20594	ZM_0194_A1_F04		ZM_0194_A1_F04_MR
20595	ZM_0194_A1_F05	ZM_0194_A1_F05_T7C	
20596	ZM_0194_A1_F06	ZM_0194_A1_F06_T7C	
20597	ZM_0194_A1_F06		ZM_0194_A1_F06_MR
20598	ZM_0194_A1_F07	ZM_0194_A1_F07_T7C	
20599	ZM_0194_A1_F08	ZM_0194_A1_F08_T7C	
20600	ZM_0194_A1_F08		ZM_0194_A1_F08_MR
20601	ZM_0194_A1_F09		ZM_0194_A1_F09_MR
20602	ZM_0194_A1_F10	ZM_0194_A1_F10_T7C	
20603	ZM_0194_A1_F10		ZM_0194_A1_F10_MR
20604	ZM_0194_A1_F11	ZM_0194_A1_F11_T7C	
20605	ZM_0194_A1_F11		ZM_0194_A1_F11_MR
20606	ZM_0194_A1_G01	ZM_0194_A1_G01_T7C	
20607	ZM_0194_A1_G01		ZM_0194_A1_G01_MR
20608	ZM_0194_A1_G02	ZM_0194_A1_G02_T7C	
20609	ZM_0194_A1_G02		ZM_0194_A1_G02_MR
20610	ZM_0194_A1_G03	ZM_0194_A1_G03_T7C	
20611	ZM_0194_A1_G03		ZM_0194_A1_G03_MR
20612	ZM_0194_A1_G04	ZM_0194_A1_G04_T7C	
20613	ZM_0194_A1_G05	ZM_0194_A1_G05_T7C	
20614	ZM_0194_A1_G06	ZM_0194_A1_G06_T7C	
20615	ZM_0194_A1_G06		ZM_0194_A1_G06_MR
20616	ZM_0194_A1_G07		ZM_0194_A1_G07_MR
20617	ZM_0194_A1_G08	ZM_0194_A1_G08_T7C	
20618	ZM_0194_A1_G08		ZM_0194_A1_G08_MR
20619	ZM_0194_A1_G09		ZM_0194_A1_G09_MR
20620	ZM_0194_A1_G11	ZM_0194_A1_G11_T7C	
20621	ZM_0194_A1_G11		ZM_0194_A1_G11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20622	ZM_0194_A1_G12	ZM_0194_A1_G12_T7C	
20623	ZM_0194_A1_G12		ZM_0194_A1_G12_MR
20624	ZM_0194_A1_H01	ZM_0194_A1_H01_T7C	
20625	ZM_0194_A1_H01		ZM_0194_A1_H01_MR
20626	ZM_0194_A1_H02	ZM_0194_A1_H02_T7C	
20627	ZM_0194_A1_H02		ZM_0194_A1_H02_MR
20628	ZM_0194_A1_H03	ZM_0194_A1_H03_T7C	
20629	ZM_0194_A1_H03		ZM_0194_A1_H03_MR
20630	ZM_0194_A1_H04	ZM_0194_A1_H04_T7C	
20631	ZM_0194_A1_H04		ZM_0194_A1_H04_MR
20632	ZM_0194_A1_H05	ZM_0194_A1_H05_T7C	
20633	ZM_0194_A1_H06	ZM_0194_A1_H06_T7C	
20634	ZM_0194_A1_H06		ZM_0194_A1_H06_MR
20635	ZM_0194_A1_H07	ZM_0194_A1_H07_T7C	
20636	ZM_0194_A1_H07		ZM_0194_A1_H07_MR
20637	ZM_0194_A1_H08	ZM_0194_A1_H08_T7C	
20638	ZM_0194_A1_H08		ZM_0194_A1_H08_MR
20639	ZM_0194_A1_H09	ZM_0194_A1_H09_T7C	
20640	ZM_0194_A1_H09		ZM_0194_A1_H09_MR
20641	ZM_0194_A1_H10	ZM_0194_A1_H10_T7C	
20642	ZM_0194_A1_H11	ZM_0194_A1_H11_T7C	
20643	ZM_0194_A1_H11		ZM_0194_A1_H11_MR
20644	ZM_0194_A1_H12	ZM_0194_A1_H12_T7C	
20645	ZM_0194_A1_H12		ZM_0194_A1_H12_MR
20646	ZM_0194_A2_A01		ZM_0194_A2_A01_MR
20647	ZM_0194_A2_A02		ZM_0194_A2_A02_MR
20648	ZM_0194_A2_A03	ZM_0194_A2_A03_T7C	
20649	ZM_0194_A2_A04	ZM_0194_A2_A04_T7C	
20650	ZM_0194_A2_A04		ZM_0194_A2_A04_MR
20651	ZM_0194_A2_A05	ZM_0194_A2_A05_T7C	
20652	ZM_0194_A2_A05		ZM_0194_A2_A05_MR
20653	ZM_0194_A2_A06	ZM_0194_A2_A06_T7C	
20654	ZM_0194_A2_A06		ZM_0194_A2_A06_MR
20655	ZM_0194_A2_A07	ZM_0194_A2_A07_T7C	
20656	ZM_0194_A2_A07		ZM_0194_A2_A07_MR
20657	ZM_0194_A2_A08	ZM_0194_A2_A08_T7C	
20658	ZM_0194_A2_A08		ZM_0194_A2_A08_MR
20659	ZM_0194_A2_A09	ZM_0194_A2_A09_T7C	
20660	ZM_0194_A2_A09		ZM_0194_A2_A09_MR
20661	ZM_0194_A2_A10	ZM_0194_A2_A10_T7C	
20662	ZM_0194_A2_A10		ZM_0194_A2_A10_MR
20663	ZM_0194_A2_A11	ZM_0194_A2_A11_T7C	
20664	ZM_0194_A2_A11		ZM_0194_A2_A11_MR
20665	ZM_0194_A2_A12		ZM_0194_A2_A12_MR
20666	ZM_0194_A2_B01	ZM_0194_A2_B01_T7C	
20667	ZM_0194_A2_B01		ZM_0194_A2_B01_MR
20668	ZM_0194_A2_B02	ZM_0194_A2_B02_T7C	
20669	ZM_0194_A2_B02		ZM_0194_A2_B02_MR
20670	ZM_0194_A2_B03	ZM_0194_A2_B03_T7C	
20671	ZM_0194_A2_B04	ZM_0194_A2_B04_T7C	
20672	ZM_0194_A2_B04		ZM_0194_A2_B04_MR
20673	ZM_0194_A2_B05	ZM_0194_A2_B05_T7C	
20674	ZM_0194_A2_B05		ZM_0194_A2_B05_MR
20675	ZM_0194_A2_B06	ZM_0194_A2_B06_T7C	
20676	ZM_0194_A2_B06		ZM_0194_A2_B06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20677	ZM_0194_A2_B07	ZM_0194_A2_B07_T7C	
20678	ZM_0194_A2_B07		ZM_0194_A2_B07_MR
20679	ZM_0194_A2_B08	ZM_0194_A2_B08_T7C	
20680	ZM_0194_A2_B08		ZM_0194_A2_B08_MR
20681	ZM_0194_A2_B09	ZM_0194_A2_B09_T7C	
20682	ZM_0194_A2_B09		ZM_0194_A2_B09_MR
20683	ZM_0194_A2_B10	ZM_0194_A2_B10_T7C	
20684	ZM_0194_A2_B10		ZM_0194_A2_B10_MR
20685	ZM_0194_A2_B11	ZM_0194_A2_B11_T7C	
20686	ZM_0194_A2_B11		ZM_0194_A2_B11_MR
20687	ZM_0194_A2_B12	ZM_0194_A2_B12_T7C	
20688	ZM_0194_A2_C01	ZM_0194_A2_C01_T7C	
20689	ZM_0194_A2_C01		ZM_0194_A2_C01_MR
20690	ZM_0194_A2_C02	ZM_0194_A2_C02_T7C	
20691	ZM_0194_A2_C02		ZM_0194_A2_C02_MR
20692	ZM_0194_A2_C03	ZM_0194_A2_C03_T7C	
20693	ZM_0194_A2_C04	ZM_0194_A2_C04_T7C	
20694	ZM_0194_A2_C04		ZM_0194_A2_C04_MR
20695	ZM_0194_A2_C05	ZM_0194_A2_C05_T7C	
20696	ZM_0194_A2_C05		ZM_0194_A2_C05_MR
20697	ZM_0194_A2_C06	ZM_0194_A2_C06_T7C	
20698	ZM_0194_A2_C06		ZM_0194_A2_C06_MR
20699	ZM_0194_A2_C07	ZM_0194_A2_C07_T7C	
20700	ZM_0194_A2_C07		ZM_0194_A2_C07_MR
20701	ZM_0194_A2_C08	ZM_0194_A2_C08_T7C	
20702	ZM_0194_A2_C08		ZM_0194_A2_C08_MR
20703	ZM_0194_A2_C09	ZM_0194_A2_C09_T7C	
20704	ZM_0194_A2_C09		ZM_0194_A2_C09_MR
20705	ZM_0194_A2_C10	ZM_0194_A2_C10_T7C	
20706	ZM_0194_A2_C10		ZM_0194_A2_C10_MR
20707	ZM_0194_A2_C11		ZM_0194_A2_C11_MR
20708	ZM_0194_A2_C12	ZM_0194_A2_C12_T7C	
20709	ZM_0194_A2_D01	ZM_0194_A2_D01_T7C	
20710	ZM_0194_A2_D01		ZM_0194_A2_D01_MR
20711	ZM_0194_A2_D02	ZM_0194_A2_D02_T7C	
20712	ZM_0194_A2_D02		ZM_0194_A2_D02_MR
20713	ZM_0194_A2_D03	ZM_0194_A2_D03_T7C	
20714	ZM_0194_A2_D03		ZM_0194_A2_D03_MR
20715	ZM_0194_A2_D04	ZM_0194_A2_D04_T7C	
20716	ZM_0194_A2_D04		ZM_0194_A2_D04_MR
20717	ZM_0194_A2_D05		ZM_0194_A2_D05_MR
20718	ZM_0194_A2_D06	ZM_0194_A2_D06_T7C	
20719	ZM_0194_A2_D06		ZM_0194_A2_D06_MR
20720	ZM_0194_A2_D07	ZM_0194_A2_D07_T7C	
20721	ZM_0194_A2_D07		ZM_0194_A2_D07_MR
20722	ZM_0194_A2_D08	ZM_0194_A2_D08_T7C	
20723	ZM_0194_A2_D08		ZM_0194_A2_D08_MR
20724	ZM_0194_A2_D09	ZM_0194_A2_D09_T7C	
20725	ZM_0194_A2_D10	ZM_0194_A2_D10_T7C	
20726	ZM_0194_A2_D10		ZM_0194_A2_D10_MR
20727	ZM_0194_A2_D11	ZM_0194_A2_D11_T7C	
20728	ZM_0194_A2_D11		ZM_0194_A2_D11_MR
20729	ZM_0194_A2_D12	ZM_0194_A2_D12_T7C	
20730	ZM_0194_A2_E01		ZM_0194_A2_E01_MR
20731	ZM_0194_A2_E04	ZM_0194_A2_E04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20732	ZM_0194_A2_E05	ZM_0194_A2_E05_T7C	
20733	ZM_0194_A2_E06	ZM_0194_A2_E06_T7C	
20734	ZM_0194_A2_E06		ZM_0194_A2_E06_MR
20735	ZM_0194_A2_E07	ZM_0194_A2_E07_T7C	
20736	ZM_0194_A2_E08	ZM_0194_A2_E08_T7C	
20737	ZM_0194_A2_E09	ZM_0194_A2_E09_T7C	
20738	ZM_0194_A2_E09		ZM_0194_A2_E09_MR
20739	ZM_0194_A2_E10	ZM_0194_A2_E10_T7C	
20740	ZM_0194_A2_E10		ZM_0194_A2_E10_MR
20741	ZM_0194_A2_E11	ZM_0194_A2_E11_T7C	
20742	ZM_0194_A2_E11		ZM_0194_A2_E11_MR
20743	ZM_0194_A2_E12	ZM_0194_A2_E12_T7C	
20744	ZM_0194_A2_F01	ZM_0194_A2_F01_T7C	
20745	ZM_0194_A2_F01		ZM_0194_A2_F01_MR
20746	ZM_0194_A2_F02	ZM_0194_A2_F02_T7C	
20747	ZM_0194_A2_F02		ZM_0194_A2_F02_MR
20748	ZM_0194_A2_F03	ZM_0194_A2_F03_T7C	
20749	ZM_0194_A2_F03		ZM_0194_A2_F03_MR
20750	ZM_0194_A2_F04	ZM_0194_A2_F04_T7C	
20751	ZM_0194_A2_F04		ZM_0194_A2_F04_MR
20752	ZM_0194_A2_F05	ZM_0194_A2_F05_T7C	
20753	ZM_0194_A2_F05		ZM_0194_A2_F05_MR
20754	ZM_0194_A2_F06	ZM_0194_A2_F06_T7C	
20755	ZM_0194_A2_F06		ZM_0194_A2_F06_MR
20756	ZM_0194_A2_F07	ZM_0194_A2_F07_T7C	
20757	ZM_0194_A2_F07		ZM_0194_A2_F07_MR
20758	ZM_0194_A2_F08	ZM_0194_A2_F08_T7C	
20759	ZM_0194_A2_F08		ZM_0194_A2_F08_MR
20760	ZM_0194_A2_F09	ZM_0194_A2_F09_T7C	
20761	ZM_0194_A2_F09		ZM_0194_A2_F09_MR
20762	ZM_0194_A2_F10	ZM_0194_A2_F10_T7C	
20763	ZM_0194_A2_F11	ZM_0194_A2_F11_T7C	
20764	ZM_0194_A2_F12	ZM_0194_A2_F12_T7C	
20765	ZM_0194_A2_G01	ZM_0194_A2_G01_T7C	
20766	ZM_0194_A2_G01		ZM_0194_A2_G01_MR
20767	ZM_0194_A2_G02	ZM_0194_A2_G02_T7C	
20768	ZM_0194_A2_G02		ZM_0194_A2_G02_MR
20769	ZM_0194_A2_G03		ZM_0194_A2_G03_MR
20770	ZM_0194_A2_G04	ZM_0194_A2_G04_T7C	
20771	ZM_0194_A2_G04		ZM_0194_A2_G04_MR
20772	ZM_0194_A2_G05	ZM_0194_A2_G05_T7C	
20773	ZM_0194_A2_G06	ZM_0194_A2_G06_T7C	
20774	ZM_0194_A2_G07	ZM_0194_A2_G07_T7C	
20775	ZM_0194_A2_G07		ZM_0194_A2_G07_MR
20776	ZM_0194_A2_G08	ZM_0194_A2_G08_T7C	
20777	ZM_0194_A2_G08		ZM_0194_A2_G08_MR
20778	ZM_0194_A2_G09	ZM_0194_A2_G09_T7C	
20779	ZM_0194_A2_G09		ZM_0194_A2_G09_MR
20780	ZM_0194_A2_G10	ZM_0194_A2_G10_T7C	
20781	ZM_0194_A2_G10		ZM_0194_A2_G10_MR
20782	ZM_0194_A2_G11	ZM_0194_A2_G11_T7C	
20783	ZM_0194_A2_G11		ZM_0194_A2_G11_MR
20784	ZM_0194_A2_H01	ZM_0194_A2_H01_T7C	
20785	ZM_0194_A2_H01		ZM_0194_A2_H01_MR
20786	ZM_0194_A2_H03	ZM_0194_A2_H03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20787	ZM_0194_A2_H03		ZM_0194_A2_H03_MR
20788	ZM_0194_A2_H04	ZM_0194_A2_H04_T7C	
20789	ZM_0194_A2_H04		ZM_0194_A2_H04_MR
20790	ZM_0194_A2_H05	ZM_0194_A2_H05_T7C	
20791	ZM_0194_A2_H06	ZM_0194_A2_H06_T7C	
20792	ZM_0194_A2_H07	ZM_0194_A2_H07_T7C	
20793	ZM_0194_A2_H07		ZM_0194_A2_H07_MR
20794	ZM_0194_A2_H08	ZM_0194_A2_H08_T7C	
20795	ZM_0194_A2_H09	ZM_0194_A2_H09_T7C	
20796	ZM_0194_A2_H09		ZM_0194_A2_H09_MR
20797	ZM_0194_A2_H10	ZM_0194_A2_H10_T7C	
20798	ZM_0194_A2_H10		ZM_0194_A2_H10_MR
20799	ZM_0194_A2_H11	ZM_0194_A2_H11_T7C	
20800	ZM_0194_A2_H12	ZM_0194_A2_H12_T7C	
20801	ZM_0194_B1_A01	ZM_0194_B1_A01_T7C	
20802	ZM_0194_B1_A01		ZM_0194_B1_A01_MR
20803	ZM_0194_B1_A02	ZM_0194_B1_A02_T7C	
20804	ZM_0194_B1_A02		ZM_0194_B1_A02_MR
20805	ZM_0194_B1_A03	ZM_0194_B1_A03_T7C	
20806	ZM_0194_B1_A03		ZM_0194_B1_A03_MR
20807	ZM_0194_B1_A04	ZM_0194_B1_A04_T7C	
20808	ZM_0194_B1_A04		ZM_0194_B1_A04_MR
20809	ZM_0194_B1_A05	ZM_0194_B1_A05_T7C	
20810	ZM_0194_B1_A05		ZM_0194_B1_A05_MR
20811	ZM_0194_B1_A06	ZM_0194_B1_A06_T7C	
20812	ZM_0194_B1_A06		ZM_0194_B1_A06_MR
20813	ZM_0194_B1_A07	ZM_0194_B1_A07_T7C	
20814	ZM_0194_B1_A07		ZM_0194_B1_A07_MR
20815	ZM_0194_B1_A08		ZM_0194_B1_A08_MR
20816	ZM_0194_B1_A09	ZM_0194_B1_A09_T7C	
20817	ZM_0194_B1_A09		ZM_0194_B1_A09_MR
20818	ZM_0194_B1_A10	ZM_0194_B1_A10_T7C	
20819	ZM_0194_B1_A10		ZM_0194_B1_A10_MR
20820	ZM_0194_B1_A11	ZM_0194_B1_A11_T7C	
20821	ZM_0194_B1_A11		ZM_0194_B1_A11_MR
20822	ZM_0194_B1_A12	ZM_0194_B1_A12_T7C	
20823	ZM_0194_B1_A12		ZM_0194_B1_A12_MR
20824	ZM_0194_B1_B01	ZM_0194_B1_B01_T7C	
20825	ZM_0194_B1_B01		ZM_0194_B1_B01_MR
20826	ZM_0194_B1_B02	ZM_0194_B1_B02_T7C	
20827	ZM_0194_B1_B02		ZM_0194_B1_B02_MR
20828	ZM_0194_B1_B03	ZM_0194_B1_B03_T7C	
20829	ZM_0194_B1_B03		ZM_0194_B1_B03_MR
20830	ZM_0194_B1_B04	ZM_0194_B1_B04_T7C	
20831	ZM_0194_B1_B04		ZM_0194_B1_B04_MR
20832	ZM_0194_B1_B05	ZM_0194_B1_B05_T7C	
20833	ZM_0194_B1_B05		ZM_0194_B1_B05_MR
20834	ZM_0194_B1_B06	ZM_0194_B1_B06_T7C	
20835	ZM_0194_B1_B06		ZM_0194_B1_B06_MR
20836	ZM_0194_B1_B07	ZM_0194_B1_B07_T7C	
20837	ZM_0194_B1_B07		ZM_0194_B1_B07_MR
20838	ZM_0194_B1_B08	ZM_0194_B1_B08_T7C	
20839	ZM_0194_B1_B08		ZM_0194_B1_B08_MR
20840	ZM_0194_B1_B09	ZM_0194_B1_B09_T7C	
20841	ZM_0194_B1_B09		ZM_0194_B1_B09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20842	ZM_0194_B1_B10	ZM_0194_B1_B10_T7C	
20843	ZM_0194_B1_B10		ZM_0194_B1_B10_MR
20844	ZM_0194_B1_B11	ZM_0194_B1_B11_T7C	
20845	ZM_0194_B1_B11		ZM_0194_B1_B11_MR
20846	ZM_0194_B1_B12	ZM_0194_B1_B12_T7C	
20847	ZM_0194_B1_B12		ZM_0194_B1_B12_MR
20848	ZM_0194_B1_C01	ZM_0194_B1_C01_T7C	
20849	ZM_0194_B1_C01		ZM_0194_B1_C01_MR
20850	ZM_0194_B1_C02	ZM_0194_B1_C02_T7C	
20851	ZM_0194_B1_C02		ZM_0194_B1_C02_MR
20852	ZM_0194_B1_C03	ZM_0194_B1_C03_T7C	
20853	ZM_0194_B1_C03		ZM_0194_B1_C03_MR
20854	ZM_0194_B1_C05	ZM_0194_B1_C05_T7C	
20855	ZM_0194_B1_C05		ZM_0194_B1_C05_MR
20856	ZM_0194_B1_C06	ZM_0194_B1_C06_T7C	
20857	ZM_0194_B1_C06		ZM_0194_B1_C06_MR
20858	ZM_0194_B1_C08	ZM_0194_B1_C08_T7C	
20859	ZM_0194_B1_C08		ZM_0194_B1_C08_MR
20860	ZM_0194_B1_C09	ZM_0194_B1_C09_T7C	
20861	ZM_0194_B1_C09		ZM_0194_B1_C09_MR
20862	ZM_0194_B1_C10	ZM_0194_B1_C10_T7C	
20863	ZM_0194_B1_C10		ZM_0194_B1_C10_MR
20864	ZM_0194_B1_C11	ZM_0194_B1_C11_T7C	
20865	ZM_0194_B1_C11		ZM_0194_B1_C11_MR
20866	ZM_0194_B1_C12	ZM_0194_B1_C12_T7C	
20867	ZM_0194_B1_C12		ZM_0194_B1_C12_MR
20868	ZM_0194_B1_D01	ZM_0194_B1_D01_T7C	
20869	ZM_0194_B1_D01		ZM_0194_B1_D01_MR
20870	ZM_0194_B1_D02		ZM_0194_B1_D02_MR
20871	ZM_0194_B1_D03	ZM_0194_B1_D03_T7C	
20872	ZM_0194_B1_D03		ZM_0194_B1_D03_MR
20873	ZM_0194_B1_D04	ZM_0194_B1_D04_T7C	
20874	ZM_0194_B1_D04		ZM_0194_B1_D04_MR
20875	ZM_0194_B1_D05	ZM_0194_B1_D05_T7C	
20876	ZM_0194_B1_D05		ZM_0194_B1_D05_MR
20877	ZM_0194_B1_D06	ZM_0194_B1_D06_T7C	
20878	ZM_0194_B1_D06		ZM_0194_B1_D06_MR
20879	ZM_0194_B1_D07	ZM_0194_B1_D07_T7C	
20880	ZM_0194_B1_D07		ZM_0194_B1_D07_MR
20881	ZM_0194_B1_D08	ZM_0194_B1_D08_T7C	
20882	ZM_0194_B1_D08		ZM_0194_B1_D08_MR
20883	ZM_0194_B1_D09	ZM_0194_B1_D09_T7C	
20884	ZM_0194_B1_D09		ZM_0194_B1_D09_MR
20885	ZM_0194_B1_D10	ZM_0194_B1_D10_T7C	
20886	ZM_0194_B1_D10		ZM_0194_B1_D10_MR
20887	ZM_0194_B1_D11	ZM_0194_B1_D11_T7C	
20888	ZM_0194_B1_D11		ZM_0194_B1_D11_MR
20889	ZM_0194_B1_D12	ZM_0194_B1_D12_T7C	
20890	ZM_0194_B1_D12		ZM_0194_B1_D12_MR
20891	ZM_0194_B1_E01	ZM_0194_B1_E01_T7C	
20892	ZM_0194_B1_E01		ZM_0194_B1_E01_MR
20893	ZM_0194_B1_E02	ZM_0194_B1_E02_T7C	
20894	ZM_0194_B1_E02		ZM_0194_B1_E02_MR
20895	ZM_0194_B1_E03	ZM_0194_B1_E03_T7C	
20896	ZM_0194_B1_E03		ZM_0194_B1_E03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20897	ZM_0194_B1_E04	ZM_0194_B1_E04_T7C	
20898	ZM_0194_B1_E04		ZM_0194_B1_E04_MR
20899	ZM_0194_B1_E05	ZM_0194_B1_E05_T7C	
20900	ZM_0194_B1_E05		ZM_0194_B1_E05_MR
20901	ZM_0194_B1_E06	ZM_0194_B1_E06_T7C	
20902	ZM_0194_B1_E06		ZM_0194_B1_E06_MR
20903	ZM_0194_B1_E07	ZM_0194_B1_E07_T7C	
20904	ZM_0194_B1_E07		ZM_0194_B1_E07_MR
20905	ZM_0194_B1_E08	ZM_0194_B1_E08_T7C	
20906	ZM_0194_B1_E08		ZM_0194_B1_E08_MR
20907	ZM_0194_B1_E09	ZM_0194_B1_E09_T7C	
20908	ZM_0194_B1_E09		ZM_0194_B1_E09_MR
20909	ZM_0194_B1_E10	ZM_0194_B1_E10_T7C	
20910	ZM_0194_B1_E10		ZM_0194_B1_E10_MR
20911	ZM_0194_B1_E11	ZM_0194_B1_E11_T7C	
20912	ZM_0194_B1_E11		ZM_0194_B1_E11_MR
20913	ZM_0194_B1_E12	ZM_0194_B1_E12_T7C	
20914	ZM_0194_B1_E12		ZM_0194_B1_E12_MR
20915	ZM_0194_B1_F01	ZM_0194_B1_F01_T7C	
20916	ZM_0194_B1_F01		ZM_0194_B1_F01_MR
20917	ZM_0194_B1_F02	ZM_0194_B1_F02_T7C	
20918	ZM_0194_B1_F02		ZM_0194_B1_F02_MR
20919	ZM_0194_B1_F03	ZM_0194_B1_F03_T7C	
20920	ZM_0194_B1_F03		ZM_0194_B1_F03_MR
20921	ZM_0194_B1_F04	ZM_0194_B1_F04_T7C	
20922	ZM_0194_B1_F04		ZM_0194_B1_F04_MR
20923	ZM_0194_B1_F05	ZM_0194_B1_F05_T7C	
20924	ZM_0194_B1_F05		ZM_0194_B1_F05_MR
20925	ZM_0194_B1_F06	ZM_0194_B1_F06_T7C	
20926	ZM_0194_B1_F06		ZM_0194_B1_F06_MR
20927	ZM_0194_B1_F07	ZM_0194_B1_F07_T7C	
20928	ZM_0194_B1_F07		ZM_0194_B1_F07_MR
20929	ZM_0194_B1_F08	ZM_0194_B1_F08_T7C	
20930	ZM_0194_B1_F08		ZM_0194_B1_F08_MR
20931	ZM_0194_B1_F09	ZM_0194_B1_F09_T7C	
20932	ZM_0194_B1_F09		ZM_0194_B1_F09_MR
20933	ZM_0194_B1_F10	ZM_0194_B1_F10_T7C	
20934	ZM_0194_B1_F10		ZM_0194_B1_F10_MR
20935	ZM_0194_B1_F11		ZM_0194_B1_F11_MR
20936	ZM_0194_B1_F12	ZM_0194_B1_F12_T7C	
20937	ZM_0194_B1_F12		ZM_0194_B1_F12_MR
20938	ZM_0194_B1_G01	ZM_0194_B1_G01_T7C	
20939	ZM_0194_B1_G01		ZM_0194_B1_G01_MR
20940	ZM_0194_B1_G02		ZM_0194_B1_G02_MR
20941	ZM_0194_B1_G03	ZM_0194_B1_G03_T7C	
20942	ZM_0194_B1_G04	ZM_0194_B1_G04_T7C	
20943	ZM_0194_B1_G05	ZM_0194_B1_G05_T7C	
20944	ZM_0194_B1_G05		ZM_0194_B1_G05_MR
20945	ZM_0194_B1_G06	ZM_0194_B1_G06_T7C	
20946	ZM_0194_B1_G06		ZM_0194_B1_G06_MR
20947	ZM_0194_B1_G07	ZM_0194_B1_G07_T7C	
20948	ZM_0194_B1_G07		ZM_0194_B1_G07_MR
20949	ZM_0194_B1_G08	ZM_0194_B1_G08_T7C	
20950	ZM_0194_B1_G08		ZM_0194_B1_G08_MR
20951	ZM_0194_B1_G09	ZM_0194_B1_G09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
20952	ZM_0194_B1_G10	ZM_0194_B1_G10_T7C	ZM_0194_B1_G10_MR
20953	ZM_0194_B1_G10		
20954	ZM_0194_B1_G11	ZM_0194_B1_G11_T7C	ZM_0194_B1_G11_MR
20955	ZM_0194_B1_G11		
20956	ZM_0194_B1_G12	ZM_0194_B1_G12_T7C	ZM_0194_B1_G12_MR
20957	ZM_0194_B1_G12		ZM_0194_B1_H01_MR
20958	ZM_0194_B1_H01		
20959	ZM_0194_B1_H02	ZM_0194_B1_H02_T7C	ZM_0194_B1_H02_MR
20960	ZM_0194_B1_H02		
20961	ZM_0194_B1_H03	ZM_0194_B1_H03_T7C	ZM_0194_B1_H03_MR
20962	ZM_0194_B1_H03		
20963	ZM_0194_B1_H04	ZM_0194_B1_H04_T7C	ZM_0194_B1_H04_MR
20964	ZM_0194_B1_H04		
20965	ZM_0194_B1_H05	ZM_0194_B1_H05_T7C	ZM_0194_B1_H05_MR
20966	ZM_0194_B1_H05		
20967	ZM_0194_B1_H06	ZM_0194_B1_H06_T7C	ZM_0194_B1_H06_MR
20968	ZM_0194_B1_H06		ZM_0194_B1_H07_MR
20969	ZM_0194_B1_H07		
20970	ZM_0194_B1_H08	ZM_0194_B1_H08_T7C	ZM_0194_B1_H08_MR
20971	ZM_0194_B1_H08		
20972	ZM_0194_B1_H09	ZM_0194_B1_H09_T7C	
20973	ZM_0194_B1_H10	ZM_0194_B1_H10_T7C	ZM_0194_B1_H10_MR
20974	ZM_0194_B1_H10		
20975	ZM_0194_B1_H11	ZM_0194_B1_H11_T7C	ZM_0194_B1_H11_MR
20976	ZM_0194_B1_H11		
20977	ZM_0194_B1_H12	ZM_0194_B1_H12_T7C	ZM_0194_B1_H12_MR
20978	ZM_0194_B1_H12		
20979	ZM_0195_A2_A01		ZM_0195_A2_A01_MR
20980	ZM_0195_A2_A02		ZM_0195_A2_A02_MR
20981	ZM_0195_A2_A03		ZM_0195_A2_A03_MR
20982	ZM_0195_A2_A04		ZM_0195_A2_A04_MR
20983	ZM_0195_A2_A06		ZM_0195_A2_A06_MR
20984	ZM_0195_A2_A07		ZM_0195_A2_A07_MR
20985	ZM_0195_A2_A09		ZM_0195_A2_A09_MR
20986	ZM_0195_A2_A10		ZM_0195_A2_A10_MR
20987	ZM_0195_A2_A11		ZM_0195_A2_A11_MR
20988	ZM_0195_A2_B01		ZM_0195_A2_B01_MR
20989	ZM_0195_A2_B02		ZM_0195_A2_B02_MR
20990	ZM_0195_A2_B03		ZM_0195_A2_B03_MR
20991	ZM_0195_A2_B05		ZM_0195_A2_B05_MR
20992	ZM_0195_A2_B06		ZM_0195_A2_B06_MR
20993	ZM_0195_A2_B08		ZM_0195_A2_B08_MR
20994	ZM_0195_A2_B09		ZM_0195_A2_B09_MR
20995	ZM_0195_A2_B10		ZM_0195_A2_B10_MR
20996	ZM_0195_A2_B11		ZM_0195_A2_B11_MR
20997	ZM_0195_A2_B12		ZM_0195_A2_B12_MR
20998	ZM_0195_A2_C02		ZM_0195_A2_C02_MR
20999	ZM_0195_A2_C03		ZM_0195_A2_C03_MR
21000	ZM_0195_A2_C04		ZM_0195_A2_C04_MR
21001	ZM_0195_A2_C05		ZM_0195_A2_C05_MR
21002	ZM_0195_A2_C06		ZM_0195_A2_C06_MR
21003	ZM_0195_A2_C07		ZM_0195_A2_C07_MR
21004	ZM_0195_A2_C08		ZM_0195_A2_C08_MR
21005	ZM_0195_A2_C09		ZM_0195_A2_C09_MR
21006	ZM_0195_A2_C10		ZM_0195_A2_C10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21007	ZM_0195_A2_C11		ZM_0195_A2_C11_MR
21008	ZM_0195_A2_C12		ZM_0195_A2_C12_MR
21009	ZM_0195_A2_D03		ZM_0195_A2_D03_MR
21010	ZM_0195_A2_D05		ZM_0195_A2_D05_MR
21011	ZM_0195_A2_D06		ZM_0195_A2_D06_MR
21012	ZM_0195_A2_D07		ZM_0195_A2_D07_MR
21013	ZM_0195_A2_D08		ZM_0195_A2_D08_MR
21014	ZM_0195_A2_D09		ZM_0195_A2_D09_MR
21015	ZM_0195_A2_D11		ZM_0195_A2_D11_MR
21016	ZM_0195_A2_E01		ZM_0195_A2_E01_MR
21017	ZM_0195_A2_E02		ZM_0195_A2_E02_MR
21018	ZM_0195_A2_E03		ZM_0195_A2_E03_MR
21019	ZM_0195_A2_E05		ZM_0195_A2_E05_MR
21020	ZM_0195_A2_E08		ZM_0195_A2_E08_MR
21021	ZM_0195_A2_E09		ZM_0195_A2_E09_MR
21022	ZM_0195_A2_E10		ZM_0195_A2_E10_MR
21023	ZM_0195_A2_E11		ZM_0195_A2_E11_MR
21024	ZM_0195_A2_E12		ZM_0195_A2_E12_MR
21025	ZM_0195_A2_F01		ZM_0195_A2_F01_MR
21026	ZM_0195_A2_F02		ZM_0195_A2_F02_MR
21027	ZM_0195_A2_F03		ZM_0195_A2_F03_MR
21028	ZM_0195_A2_F04		ZM_0195_A2_F04_MR
21029	ZM_0195_A2_F05		ZM_0195_A2_F05_MR
21030	ZM_0195_A2_F06		ZM_0195_A2_F06_MR
21031	ZM_0195_A2_F07		ZM_0195_A2_F07_MR
21032	ZM_0195_A2_F08		ZM_0195_A2_F08_MR
21033	ZM_0195_A2_F09		ZM_0195_A2_F09_MR
21034	ZM_0195_A2_F10		ZM_0195_A2_F10_MR
21035	ZM_0195_A2_F11		ZM_0195_A2_F11_MR
21036	ZM_0195_A2_F12		ZM_0195_A2_F12_MR
21037	ZM_0195_A2_G01		ZM_0195_A2_G01_MR
21038	ZM_0195_A2_G02		ZM_0195_A2_G02_MR
21039	ZM_0195_A2_G03		ZM_0195_A2_G03_MR
21040	ZM_0195_A2_G06		ZM_0195_A2_G06_MR
21041	ZM_0195_A2_G07		ZM_0195_A2_G07_MR
21042	ZM_0195_A2_G08		ZM_0195_A2_G08_MR
21043	ZM_0195_A2_G09		ZM_0195_A2_G09_MR
21044	ZM_0195_A2_G10		ZM_0195_A2_G10_MR
21045	ZM_0195_A2_G11		ZM_0195_A2_G11_MR
21046	ZM_0195_A2_G12		ZM_0195_A2_G12_MR
21047	ZM_0195_A2_H01		ZM_0195_A2_H01_MR
21048	ZM_0195_A2_H02		ZM_0195_A2_H02_MR
21049	ZM_0195_A2_H03		ZM_0195_A2_H03_MR
21050	ZM_0195_A2_H04		ZM_0195_A2_H04_MR
21051	ZM_0195_A2_H06		ZM_0195_A2_H06_MR
21052	ZM_0195_A2_H07		ZM_0195_A2_H07_MR
21053	ZM_0195_A2_H08		ZM_0195_A2_H08_MR
21054	ZM_0195_A2_H09		ZM_0195_A2_H09_MR
21055	ZM_0195_A2_H10		ZM_0195_A2_H10_MR
21056	ZM_0195_A2_H11		ZM_0195_A2_H11_MR
21057	ZM_0195_A2_H12		ZM_0195_A2_H12_MR
21058	ZM_0195_B1_A01	ZM_0195_B1_A01_T7C	
21059	ZM_0195_B1_A01		ZM_0195_B1_A01_MR
21060	ZM_0195_B1_A02	ZM_0195_B1_A02_T7C	
21061	ZM_0195_B1_A02		ZM_0195_B1_A02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21062	ZM_0195_B1_A03	ZM_0195_B1_A03_T7C	
21063	ZM_0195_B1_A03		ZM_0195_B1_A03_MR
21064	ZM_0195_B1_A04	ZM_0195_B1_A04_T7C	
21065	ZM_0195_B1_A04		ZM_0195_B1_A04_MR
21066	ZM_0195_B1_A05	ZM_0195_B1_A05_T7C	
21067	ZM_0195_B1_A05		ZM_0195_B1_A05_MR
21068	ZM_0195_B1_A06	ZM_0195_B1_A06_T7C	
21069	ZM_0195_B1_A06		ZM_0195_B1_A06_MR
21070	ZM_0195_B1_A07	ZM_0195_B1_A07_T7C	
21071	ZM_0195_B1_A08	ZM_0195_B1_A08_T7C	
21072	ZM_0195_B1_A08		ZM_0195_B1_A08_MR
21073	ZM_0195_B1_A09	ZM_0195_B1_A09_T7C	
21074	ZM_0195_B1_A09		ZM_0195_B1_A09_MR
21075	ZM_0195_B1_A10	ZM_0195_B1_A10_T7C	
21076	ZM_0195_B1_A10		ZM_0195_B1_A10_MR
21077	ZM_0195_B1_A11	ZM_0195_B1_A11_T7C	
21078	ZM_0195_B1_A11		ZM_0195_B1_A11_MR
21079	ZM_0195_B1_A12		ZM_0195_B1_A12_MR
21080	ZM_0195_B1_B01	ZM_0195_B1_B01_T7C	
21081	ZM_0195_B1_B01		ZM_0195_B1_B01_MR
21082	ZM_0195_B1_B02	ZM_0195_B1_B02_T7C	
21083	ZM_0195_B1_B02		ZM_0195_B1_B02_MR
21084	ZM_0195_B1_B03	ZM_0195_B1_B03_T7C	
21085	ZM_0195_B1_B04	ZM_0195_B1_B04_T7C	
21086	ZM_0195_B1_B04		ZM_0195_B1_B04_MR
21087	ZM_0195_B1_B05	ZM_0195_B1_B05_T7C	
21088	ZM_0195_B1_B05		ZM_0195_B1_B05_MR
21089	ZM_0195_B1_B06	ZM_0195_B1_B06_T7C	
21090	ZM_0195_B1_B06		ZM_0195_B1_B06_MR
21091	ZM_0195_B1_B07	ZM_0195_B1_B07_T7C	
21092	ZM_0195_B1_B07		ZM_0195_B1_B07_MR
21093	ZM_0195_B1_B08	ZM_0195_B1_B08_T7C	
21094	ZM_0195_B1_B08		ZM_0195_B1_B08_MR
21095	ZM_0195_B1_B09	ZM_0195_B1_B09_T7C	
21096	ZM_0195_B1_B09		ZM_0195_B1_B09_MR
21097	ZM_0195_B1_B10	ZM_0195_B1_B10_T7C	
21098	ZM_0195_B1_B10		ZM_0195_B1_B10_MR
21099	ZM_0195_B1_B11	ZM_0195_B1_B11_T7C	
21100	ZM_0195_B1_B12	ZM_0195_B1_B12_T7C	
21101	ZM_0195_B1_B12		ZM_0195_B1_B12_MR
21102	ZM_0195_B1_C01		ZM_0195_B1_C01_MR
21103	ZM_0195_B1_C02		ZM_0195_B1_C02_MR
21104	ZM_0195_B1_C03	ZM_0195_B1_C03_T7C	
21105	ZM_0195_B1_C03		ZM_0195_B1_C03_MR
21106	ZM_0195_B1_C04	ZM_0195_B1_C04_T7C	
21107	ZM_0195_B1_C04		ZM_0195_B1_C04_MR
21108	ZM_0195_B1_C05	ZM_0195_B1_C05_T7C	
21109	ZM_0195_B1_C05		ZM_0195_B1_C05_MR
21110	ZM_0195_B1_C06	ZM_0195_B1_C06_T7C	
21111	ZM_0195_B1_C06		ZM_0195_B1_C06_MR
21112	ZM_0195_B1_C07	ZM_0195_B1_C07_T7C	
21113	ZM_0195_B1_C07		ZM_0195_B1_C07_MR
21114	ZM_0195_B1_C08	ZM_0195_B1_C08_T7C	
21115	ZM_0195_B1_C08		ZM_0195_B1_C08_MR
21116	ZM_0195_B1_C09	ZM_0195_B1_C09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21117	ZM_0195_B1_C09		ZM_0195_B1_C09_MR
21118	ZM_0195_B1_C10	ZM_0195_B1_C10_T7C	
21119	ZM_0195_B1_C10		ZM_0195_B1_C10_MR
21120	ZM_0195_B1_C11	ZM_0195_B1_C11_T7C	
21121	ZM_0195_B1_C11		ZM_0195_B1_C11_MR
21122	ZM_0195_B1_C12	ZM_0195_B1_C12_T7C	
21123	ZM_0195_B1_C12		ZM_0195_B1_C12_MR
21124	ZM_0195_B1_D01	ZM_0195_B1_D01_T7C	
21125	ZM_0195_B1_D02	ZM_0195_B1_D02_T7C	
21126	ZM_0195_B1_D02		ZM_0195_B1_D02_MR
21127	ZM_0195_B1_D03	ZM_0195_B1_D03_T7C	
21128	ZM_0195_B1_D03		ZM_0195_B1_D03_MR
21129	ZM_0195_B1_D04	ZM_0195_B1_D04_T7C	
21130	ZM_0195_B1_D04		ZM_0195_B1_D04_MR
21131	ZM_0195_B1_D05		ZM_0195_B1_D05_MR
21132	ZM_0195_B1_D06	ZM_0195_B1_D06_T7C	
21133	ZM_0195_B1_D06		ZM_0195_B1_D06_MR
21134	ZM_0195_B1_D07	ZM_0195_B1_D07_T7C	
21135	ZM_0195_B1_D07		ZM_0195_B1_D07_MR
21136	ZM_0195_B1_D08	ZM_0195_B1_D08_T7C	
21137	ZM_0195_B1_D08		ZM_0195_B1_D08_MR
21138	ZM_0195_B1_D09	ZM_0195_B1_D09_T7C	
21139	ZM_0195_B1_D09		ZM_0195_B1_D09_MR
21140	ZM_0195_B1_D10	ZM_0195_B1_D10_T7C	
21141	ZM_0195_B1_D10		ZM_0195_B1_D10_MR
21142	ZM_0195_B1_D11	ZM_0195_B1_D11_T7C	
21143	ZM_0195_B1_D11		ZM_0195_B1_D11_MR
21144	ZM_0195_B1_D12	ZM_0195_B1_D12_T7C	
21145	ZM_0195_B1_D12		ZM_0195_B1_D12_MR
21146	ZM_0195_B1_E01	ZM_0195_B1_E01_T7C	
21147	ZM_0195_B1_E03	ZM_0195_B1_E03_T7C	
21148	ZM_0195_B1_E03		ZM_0195_B1_E03_MR
21149	ZM_0195_B1_E04	ZM_0195_B1_E04_T7C	
21150	ZM_0195_B1_E04		ZM_0195_B1_E04_MR
21151	ZM_0195_B1_E05	ZM_0195_B1_E05_T7C	
21152	ZM_0195_B1_E05		ZM_0195_B1_E05_MR
21153	ZM_0195_B1_E06	ZM_0195_B1_E06_T7C	
21154	ZM_0195_B1_E07	ZM_0195_B1_E07_T7C	
21155	ZM_0195_B1_E08	ZM_0195_B1_E08_T7C	
21156	ZM_0195_B1_E08		ZM_0195_B1_E08_MR
21157	ZM_0195_B1_E09	ZM_0195_B1_E09_T7C	
21158	ZM_0195_B1_E09		ZM_0195_B1_E09_MR
21159	ZM_0195_B1_E10	ZM_0195_B1_E10_T7C	
21160	ZM_0195_B1_E10		ZM_0195_B1_E10_MR
21161	ZM_0195_B1_E11	ZM_0195_B1_E11_T7C	
21162	ZM_0195_B1_E11		ZM_0195_B1_E11_MR
21163	ZM_0195_B1_E12	ZM_0195_B1_E12_T7C	
21164	ZM_0195_B1_E12		ZM_0195_B1_E12_MR
21165	ZM_0195_B1_F01	ZM_0195_B1_F01_T7C	
21166	ZM_0195_B1_F01		ZM_0195_B1_F01_MR
21167	ZM_0195_B1_F02	ZM_0195_B1_F02_T7C	
21168	ZM_0195_B1_F02		ZM_0195_B1_F02_MR
21169	ZM_0195_B1_F03	ZM_0195_B1_F03_T7C	
21170	ZM_0195_B1_F04	ZM_0195_B1_F04_T7C	
21171	ZM_0195_B1_F04		ZM_0195_B1_F04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21172	ZM_0195_B1_F05	ZM_0195_B1_F05_T7C	ZM_0195_B1_F05_MR
21173	ZM_0195_B1_F05		
21174	ZM_0195_B1_F06	ZM_0195_B1_F06_T7C	ZM_0195_B1_F06_MR
21175	ZM_0195_B1_F06		
21176	ZM_0195_B1_F07	ZM_0195_B1_F07_T7C	ZM_0195_B1_F07_MR
21177	ZM_0195_B1_F07		
21178	ZM_0195_B1_F08	ZM_0195_B1_F08_T7C	ZM_0195_B1_F08_MR
21179	ZM_0195_B1_F08		
21180	ZM_0195_B1_F09	ZM_0195_B1_F09_T7C	ZM_0195_B1_F09_MR
21181	ZM_0195_B1_F09		
21182	ZM_0195_B1_F10	ZM_0195_B1_F10_T7C	ZM_0195_B1_F10_MR
21183	ZM_0195_B1_F10		
21184	ZM_0195_B1_F11	ZM_0195_B1_F11_T7C	ZM_0195_B1_F11_MR
21185	ZM_0195_B1_F11		
21186	ZM_0195_B1_F12	ZM_0195_B1_F12_T7C	ZM_0195_B1_F12_MR
21187	ZM_0195_B1_F12		
21188	ZM_0195_B1_G01	ZM_0195_B1_G01_T7C	
21189	ZM_0195_B1_G02	ZM_0195_B1_G02_T7C	ZM_0195_B1_G02_MR
21190	ZM_0195_B1_G02		
21191	ZM_0195_B1_G03	ZM_0195_B1_G03_T7C	ZM_0195_B1_G03_MR
21192	ZM_0195_B1_G03		
21193	ZM_0195_B1_G04	ZM_0195_B1_G04_T7C	ZM_0195_B1_G04_MR
21194	ZM_0195_B1_G04		
21195	ZM_0195_B1_G05	ZM_0195_B1_G05_T7C	ZM_0195_B1_G05_MR
21196	ZM_0195_B1_G05		
21197	ZM_0195_B1_G06	ZM_0195_B1_G06_T7C	ZM_0195_B1_G06_MR
21198	ZM_0195_B1_G06		
21199	ZM_0195_B1_G07	ZM_0195_B1_G07_T7C	ZM_0195_B1_G07_MR
21200	ZM_0195_B1_G07		
21201	ZM_0195_B1_G08	ZM_0195_B1_G08_T7C	ZM_0195_B1_G08_MR
21202	ZM_0195_B1_G08		
21203	ZM_0195_B1_G09	ZM_0195_B1_G09_T7C	ZM_0195_B1_G09_MR
21204	ZM_0195_B1_G09		
21205	ZM_0195_B1_G10		ZM_0195_B1_G10_MR
21206	ZM_0195_B1_G11	ZM_0195_B1_G11_T7C	ZM_0195_B1_G11_MR
21207	ZM_0195_B1_G11		
21208	ZM_0195_B1_G12	ZM_0195_B1_G12_T7C	ZM_0195_B1_G12_MR
21209	ZM_0195_B1_G12		
21210	ZM_0195_B1_H01	ZM_0195_B1_H01_T7C	ZM_0195_B1_H01_MR
21211	ZM_0195_B1_H01		
21212	ZM_0195_B1_H02		ZM_0195_B1_H02_MR
21213	ZM_0195_B1_H03	ZM_0195_B1_H03_T7C	ZM_0195_B1_H03_MR
21214	ZM_0195_B1_H03		
21215	ZM_0195_B1_H04	ZM_0195_B1_H04_T7C	ZM_0195_B1_H04_MR
21216	ZM_0195_B1_H04		
21217	ZM_0195_B1_H05	ZM_0195_B1_H05_T7C	ZM_0195_B1_H05_MR
21218	ZM_0195_B1_H05		
21219	ZM_0195_B1_H06	ZM_0195_B1_H06_T7C	ZM_0195_B1_H06_MR
21220	ZM_0195_B1_H06		
21221	ZM_0195_B1_H07	ZM_0195_B1_H07_T7C	ZM_0195_B1_H07_MR
21222	ZM_0195_B1_H07		
21223	ZM_0195_B1_H08	ZM_0195_B1_H08_T7C	ZM_0195_B1_H08_MR
21224	ZM_0195_B1_H08		
21225	ZM_0195_B1_H09		ZM_0195_B1_H09_MR
21226	ZM_0195_B1_H10	ZM_0195_B1_H10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21227	ZM_0195_B1_H10		ZM_0195_B1_H10_MR
21228	ZM_0195_B1_H11	ZM_0195_B1_H11_T7C	
21229	ZM_0195_B1_H11		ZM_0195_B1_H11_MR
21230	ZM_0195_B1_H12	ZM_0195_B1_H12_T7C	
21231	ZM_0195_B1_H12		ZM_0195_B1_H12_MR
21232	ZM_0195_B2_A01		ZM_0195_B2_A01_MR
21233	ZM_0195_B2_A02		ZM_0195_B2_A02_MR
21234	ZM_0195_B2_A04		ZM_0195_B2_A04_MR
21235	ZM_0195_B2_A05		ZM_0195_B2_A05_MR
21236	ZM_0195_B2_A07		ZM_0195_B2_A07_MR
21237	ZM_0195_B2_A10		ZM_0195_B2_A10_MR
21238	ZM_0195_B2_A12		ZM_0195_B2_A12_MR
21239	ZM_0195_B2_B01		ZM_0195_B2_B01_MR
21240	ZM_0195_B2_B02		ZM_0195_B2_B02_MR
21241	ZM_0195_B2_B03		ZM_0195_B2_B03_MR
21242	ZM_0195_B2_B04		ZM_0195_B2_B04_MR
21243	ZM_0195_B2_B05		ZM_0195_B2_B05_MR
21244	ZM_0195_B2_B06		ZM_0195_B2_B06_MR
21245	ZM_0195_B2_B07		ZM_0195_B2_B07_MR
21246	ZM_0195_B2_B09		ZM_0195_B2_B09_MR
21247	ZM_0195_B2_B10		ZM_0195_B2_B10_MR
21248	ZM_0195_B2_B11		ZM_0195_B2_B11_MR
21249	ZM_0195_B2_B12		ZM_0195_B2_B12_MR
21250	ZM_0195_B2_C01		ZM_0195_B2_C01_MR
21251	ZM_0195_B2_C02		ZM_0195_B2_C02_MR
21252	ZM_0195_B2_C03		ZM_0195_B2_C03_MR
21253	ZM_0195_B2_C04		ZM_0195_B2_C04_MR
21254	ZM_0195_B2_C05		ZM_0195_B2_C05_MR
21255	ZM_0195_B2_C06		ZM_0195_B2_C06_MR
21256	ZM_0195_B2_C07		ZM_0195_B2_C07_MR
21257	ZM_0195_B2_C08		ZM_0195_B2_C08_MR
21258	ZM_0195_B2_C10		ZM_0195_B2_C10_MR
21259	ZM_0195_B2_C12		ZM_0195_B2_C12_MR
21260	ZM_0195_B2_D01		ZM_0195_B2_D01_MR
21261	ZM_0195_B2_D02		ZM_0195_B2_D02_MR
21262	ZM_0195_B2_D03		ZM_0195_B2_D03_MR
21263	ZM_0195_B2_D05		ZM_0195_B2_D05_MR
21264	ZM_0195_B2_D07		ZM_0195_B2_D07_MR
21265	ZM_0195_B2_D08		ZM_0195_B2_D08_MR
21266	ZM_0195_B2_D09		ZM_0195_B2_D09_MR
21267	ZM_0195_B2_D10		ZM_0195_B2_D10_MR
21268	ZM_0195_B2_D11		ZM_0195_B2_D11_MR
21269	ZM_0195_B2_E02		ZM_0195_B2_E02_MR
21270	ZM_0195_B2_E03		ZM_0195_B2_E03_MR
21271	ZM_0195_B2_E04		ZM_0195_B2_E04_MR
21272	ZM_0195_B2_E06		ZM_0195_B2_E06_MR
21273	ZM_0195_B2_E07		ZM_0195_B2_E07_MR
21274	ZM_0195_B2_E09		ZM_0195_B2_E09_MR
21275	ZM_0195_B2_E11		ZM_0195_B2_E11_MR
21276	ZM_0195_B2_E12		ZM_0195_B2_E12_MR
21277	ZM_0195_B2_F01		ZM_0195_B2_F01_MR
21278	ZM_0195_B2_F02		ZM_0195_B2_F02_MR
21279	ZM_0195_B2_F05		ZM_0195_B2_F05_MR
21280	ZM_0195_B2_F07		ZM_0195_B2_F07_MR
21281	ZM_0195_B2_F11		ZM_0195_B2_F11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21282	ZM_0195_B2_G01		ZM_0195_B2_G01_MR
21283	ZM_0195_B2_G02		ZM_0195_B2_G02_MR
21284	ZM_0195_B2_G03		ZM_0195_B2_G03_MR
21285	ZM_0195_B2_G04		ZM_0195_B2_G04_MR
21286	ZM_0195_B2_G05		ZM_0195_B2_G05_MR
21287	ZM_0195_B2_G06		ZM_0195_B2_G06_MR
21288	ZM_0195_B2_G07		ZM_0195_B2_G07_MR
21289	ZM_0195_B2_G10		ZM_0195_B2_G10_MR
21290	ZM_0195_B2_G12		ZM_0195_B2_G12_MR
21291	ZM_0195_B2_H01		ZM_0195_B2_H01_MR
21292	ZM_0195_B2_H02		ZM_0195_B2_H02_MR
21293	ZM_0195_B2_H03		ZM_0195_B2_H03_MR
21294	ZM_0195_B2_H04		ZM_0195_B2_H04_MR
21295	ZM_0195_B2_H05		ZM_0195_B2_H05_MR
21296	ZM_0195_B2_H09		ZM_0195_B2_H09_MR
21297	ZM_0196_A1_A01	ZM_0196_A1_A01_T7C	
21298	ZM_0196_A1_A03	ZM_0196_A1_A03_T7C	
21299	ZM_0196_A1_A05	ZM_0196_A1_A05_T7C	
21300	ZM_0196_A1_A07	ZM_0196_A1_A07_T7C	
21301	ZM_0196_A1_A09	ZM_0196_A1_A09_T7C	
21302	ZM_0196_A1_A10	ZM_0196_A1_A10_T7C	
21303	ZM_0196_A1_A11	ZM_0196_A1_A11_T7C	
21304	ZM_0196_A1_A12	ZM_0196_A1_A12_T7C	
21305	ZM_0196_A1_B03	ZM_0196_A1_B03_T7C	
21306	ZM_0196_A1_B05	ZM_0196_A1_B05_T7C	
21307	ZM_0196_A1_B06	ZM_0196_A1_B06_T7C	
21308	ZM_0196_A1_B07	ZM_0196_A1_B07_T7C	
21309	ZM_0196_A1_B08	ZM_0196_A1_B08_T7C	
21310	ZM_0196_A1_B09	ZM_0196_A1_B09_T7C	
21311	ZM_0196_A1_B10	ZM_0196_A1_B10_T7C	
21312	ZM_0196_A1_B11	ZM_0196_A1_B11_T7C	
21313	ZM_0196_A1_B12	ZM_0196_A1_B12_T7C	
21314	ZM_0196_A1_C02	ZM_0196_A1_C02_T7C	
21315	ZM_0196_A1_C04	ZM_0196_A1_C04_T7C	
21316	ZM_0196_A1_C05	ZM_0196_A1_C05_T7C	
21317	ZM_0196_A1_C08	ZM_0196_A1_C08_T7C	
21318	ZM_0196_A1_C09	ZM_0196_A1_C09_T7C	
21319	ZM_0196_A1_C10	ZM_0196_A1_C10_T7C	
21320	ZM_0196_A1_C12	ZM_0196_A1_C12_T7C	
21321	ZM_0196_A1_D03	ZM_0196_A1_D03_T7C	
21322	ZM_0196_A1_D05	ZM_0196_A1_D05_T7C	
21323	ZM_0196_A1_D10	ZM_0196_A1_D10_T7C	
21324	ZM_0196_A1_E07	ZM_0196_A1_E07_T7C	
21325	ZM_0196_A1_E08	ZM_0196_A1_E08_T7C	
21326	ZM_0196_A1_E10	ZM_0196_A1_E10_T7C	
21327	ZM_0196_A1_E11	ZM_0196_A1_E11_T7C	
21328	ZM_0196_A1_E12	ZM_0196_A1_E12_T7C	
21329	ZM_0196_A1_F01	ZM_0196_A1_F01_T7C	
21330	ZM_0196_A1_F05	ZM_0196_A1_F05_T7C	
21331	ZM_0196_A1_F06	ZM_0196_A1_F06_T7C	
21332	ZM_0196_A1_F07	ZM_0196_A1_F07_T7C	
21333	ZM_0196_A1_F08	ZM_0196_A1_F08_T7C	
21334	ZM_0196_A1_F09	ZM_0196_A1_F09_T7C	
21335	ZM_0196_A1_F10	ZM_0196_A1_F10_T7C	
21336	ZM_0196_A1_F11	ZM_0196_A1_F11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21337	ZM_0196_A1_F12	ZM_0196_A1_F12_T7C	
21338	ZM_0196_A1_G02	ZM_0196_A1_G02_T7C	
21339	ZM_0196_A1_G04	ZM_0196_A1_G04_T7C	
21340	ZM_0196_A1_G06	ZM_0196_A1_G06_T7C	
21341	ZM_0196_A1_G09	ZM_0196_A1_G09_T7C	
21342	ZM_0196_A1_G10	ZM_0196_A1_G10_T7C	
21343	ZM_0196_A1_G11	ZM_0196_A1_G11_T7C	
21344	ZM_0196_A1_G12	ZM_0196_A1_G12_T7C	
21345	ZM_0196_A1_H02	ZM_0196_A1_H02_T7C	
21346	ZM_0196_A1_H03	ZM_0196_A1_H03_T7C	
21347	ZM_0196_A1_H04	ZM_0196_A1_H04_T7C	
21348	ZM_0196_A1_H05	ZM_0196_A1_H05_T7C	
21349	ZM_0196_A1_H07	ZM_0196_A1_H07_T7C	
21350	ZM_0196_A1_H08	ZM_0196_A1_H08_T7C	
21351	ZM_0196_A1_H09	ZM_0196_A1_H09_T7C	
21352	ZM_0196_A1_H10	ZM_0196_A1_H10_T7C	
21353	ZM_0196_A1_H11	ZM_0196_A1_H11_T7C	
21354	ZM_0196_A1_H12	ZM_0196_A1_H12_T7C	
21355	ZM_0196_A2_A01	ZM_0196_A2_A01_T7C	
21356	ZM_0196_A2_A01		ZM_0196_A2_A01_MR
21357	ZM_0196_A2_A02	ZM_0196_A2_A02_T7C	
21358	ZM_0196_A2_A02		ZM_0196_A2_A02_MR
21359	ZM_0196_A2_A03	ZM_0196_A2_A03_T7C	
21360	ZM_0196_A2_A03		ZM_0196_A2_A03_MR
21361	ZM_0196_A2_A04	ZM_0196_A2_A04_T7C	
21362	ZM_0196_A2_A04		ZM_0196_A2_A04_MR
21363	ZM_0196_A2_A05		ZM_0196_A2_A05_MR
21364	ZM_0196_A2_A06	ZM_0196_A2_A06_T7C	
21365	ZM_0196_A2_A06		ZM_0196_A2_A06_MR
21366	ZM_0196_A2_A07	ZM_0196_A2_A07_T7C	
21367	ZM_0196_A2_A07		ZM_0196_A2_A07_MR
21368	ZM_0196_A2_A08	ZM_0196_A2_A08_T7C	
21369	ZM_0196_A2_A08		ZM_0196_A2_A08_MR
21370	ZM_0196_A2_A09	ZM_0196_A2_A09_T7C	
21371	ZM_0196_A2_A09		ZM_0196_A2_A09_MR
21372	ZM_0196_A2_A10	ZM_0196_A2_A10_T7C	
21373	ZM_0196_A2_A10		ZM_0196_A2_A10_MR
21374	ZM_0196_A2_B01	ZM_0196_A2_B01_T7C	
21375	ZM_0196_A2_B01		ZM_0196_A2_B01_MR
21376	ZM_0196_A2_B02	ZM_0196_A2_B02_T7C	
21377	ZM_0196_A2_B03	ZM_0196_A2_B03_T7C	
21378	ZM_0196_A2_B03		ZM_0196_A2_B03_MR
21379	ZM_0196_A2_B04	ZM_0196_A2_B04_T7C	
21380	ZM_0196_A2_B04		ZM_0196_A2_B04_MR
21381	ZM_0196_A2_B05	ZM_0196_A2_B05_T7C	
21382	ZM_0196_A2_B06	ZM_0196_A2_B06_T7C	
21383	ZM_0196_A2_B07	ZM_0196_A2_B07_T7C	
21384	ZM_0196_A2_B07		ZM_0196_A2_B07_MR
21385	ZM_0196_A2_B08	ZM_0196_A2_B08_T7C	
21386	ZM_0196_A2_B08		ZM_0196_A2_B08_MR
21387	ZM_0196_A2_B09	ZM_0196_A2_B09_T7C	
21388	ZM_0196_A2_B09		ZM_0196_A2_B09_MR
21389	ZM_0196_A2_B10	ZM_0196_A2_B10_T7C	
21390	ZM_0196_A2_B10		ZM_0196_A2_B10_MR
21391	ZM_0196_A2_B11	ZM_0196_A2_B11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21392	ZM_0196_A2_B12	ZM_0196_A2_B12_T7C	
21393	ZM_0196_A2_B12		ZM_0196_A2_B12_MR
21394	ZM_0196_A2_C01		ZM_0196_A2_C01_MR
21395	ZM_0196_A2_C02	ZM_0196_A2_C02_T7C	
21396	ZM_0196_A2_C02		ZM_0196_A2_C02_MR
21397	ZM_0196_A2_C03	ZM_0196_A2_C03_T7C	
21398	ZM_0196_A2_C03		ZM_0196_A2_C03_MR
21399	ZM_0196_A2_C04	ZM_0196_A2_C04_T7C	
21400	ZM_0196_A2_C04		ZM_0196_A2_C04_MR
21401	ZM_0196_A2_C05		ZM_0196_A2_C05_MR
21402	ZM_0196_A2_C06	ZM_0196_A2_C06_T7C	
21403	ZM_0196_A2_C06		ZM_0196_A2_C06_MR
21404	ZM_0196_A2_C07	ZM_0196_A2_C07_T7C	
21405	ZM_0196_A2_C07		ZM_0196_A2_C07_MR
21406	ZM_0196_A2_C08	ZM_0196_A2_C08_T7C	
21407	ZM_0196_A2_C08		ZM_0196_A2_C08_MR
21408	ZM_0196_A2_C09		ZM_0196_A2_C09_MR
21409	ZM_0196_A2_C10	ZM_0196_A2_C10_T7C	
21410	ZM_0196_A2_C10		ZM_0196_A2_C10_MR
21411	ZM_0196_A2_C11	ZM_0196_A2_C11_T7C	
21412	ZM_0196_A2_C12	ZM_0196_A2_C12_T7C	
21413	ZM_0196_A2_D01	ZM_0196_A2_D01_T7C	
21414	ZM_0196_A2_D01		ZM_0196_A2_D01_MR
21415	ZM_0196_A2_D02	ZM_0196_A2_D02_T7C	
21416	ZM_0196_A2_D02		ZM_0196_A2_D02_MR
21417	ZM_0196_A2_D03	ZM_0196_A2_D03_T7C	
21418	ZM_0196_A2_D03		ZM_0196_A2_D03_MR
21419	ZM_0196_A2_D04	ZM_0196_A2_D04_T7C	
21420	ZM_0196_A2_D04		ZM_0196_A2_D04_MR
21421	ZM_0196_A2_D05	ZM_0196_A2_D05_T7C	
21422	ZM_0196_A2_D05		ZM_0196_A2_D05_MR
21423	ZM_0196_A2_D06	ZM_0196_A2_D06_T7C	
21424	ZM_0196_A2_D06		ZM_0196_A2_D06_MR
21425	ZM_0196_A2_D07	ZM_0196_A2_D07_T7C	
21426	ZM_0196_A2_D07		ZM_0196_A2_D07_MR
21427	ZM_0196_A2_D08	ZM_0196_A2_D08_T7C	
21428	ZM_0196_A2_D08		ZM_0196_A2_D08_MR
21429	ZM_0196_A2_D09		ZM_0196_A2_D09_MR
21430	ZM_0196_A2_D10	ZM_0196_A2_D10_T7C	
21431	ZM_0196_A2_D10		ZM_0196_A2_D10_MR
21432	ZM_0196_A2_D11	ZM_0196_A2_D11_T7C	
21433	ZM_0196_A2_D11		ZM_0196_A2_D11_MR
21434	ZM_0196_A2_D12	ZM_0196_A2_D12_T7C	
21435	ZM_0196_A2_D12		ZM_0196_A2_D12_MR
21436	ZM_0196_A2_E01	ZM_0196_A2_E01_T7C	
21437	ZM_0196_A2_E01		ZM_0196_A2_E01_MR
21438	ZM_0196_A2_E02	ZM_0196_A2_E02_T7C	
21439	ZM_0196_A2_E02		ZM_0196_A2_E02_MR
21440	ZM_0196_A2_E03	ZM_0196_A2_E03_T7C	
21441	ZM_0196_A2_E03		ZM_0196_A2_E03_MR
21442	ZM_0196_A2_E04	ZM_0196_A2_E04_T7C	
21443	ZM_0196_A2_E04		ZM_0196_A2_E04_MR
21444	ZM_0196_A2_E05	ZM_0196_A2_E05_T7C	
21445	ZM_0196_A2_E05		ZM_0196_A2_E05_MR
21446	ZM_0196_A2_E06	ZM_0196_A2_E06_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21447	ZM_0196_A2_E06		ZM_0196_A2_E06_MR
21448	ZM_0196_A2_E07	ZM_0196_A2_E07_T7C	
21449	ZM_0196_A2_E07		ZM_0196_A2_E07_MR
21450	ZM_0196_A2_E08	ZM_0196_A2_E08_T7C	
21451	ZM_0196_A2_E08		ZM_0196_A2_E08_MR
21452	ZM_0196_A2_E09	ZM_0196_A2_E09_T7C	
21453	ZM_0196_A2_E09		ZM_0196_A2_E09_MR
21454	ZM_0196_A2_E10	ZM_0196_A2_E10_T7C	
21455	ZM_0196_A2_E10		ZM_0196_A2_E10_MR
21456	ZM_0196_A2_E11	ZM_0196_A2_E11_T7C	
21457	ZM_0196_A2_E12	ZM_0196_A2_E12_T7C	
21458	ZM_0196_A2_E12		ZM_0196_A2_E12_MR
21459	ZM_0196_A2_F01		ZM_0196_A2_F01_MR
21460	ZM_0196_A2_F02		ZM_0196_A2_F02_MR
21461	ZM_0196_A2_F03	ZM_0196_A2_F03_T7C	
21462	ZM_0196_A2_F03		ZM_0196_A2_F03_MR
21463	ZM_0196_A2_F05	ZM_0196_A2_F05_T7C	
21464	ZM_0196_A2_F05		ZM_0196_A2_F05_MR
21465	ZM_0196_A2_F06	ZM_0196_A2_F06_T7C	
21466	ZM_0196_A2_F06		ZM_0196_A2_F06_MR
21467	ZM_0196_A2_F07	ZM_0196_A2_F07_T7C	
21468	ZM_0196_A2_F07		ZM_0196_A2_F07_MR
21469	ZM_0196_A2_F08		ZM_0196_A2_F08_MR
21470	ZM_0196_A2_F09	ZM_0196_A2_F09_T7C	
21471	ZM_0196_A2_F09		ZM_0196_A2_F09_MR
21472	ZM_0196_A2_F10	ZM_0196_A2_F10_T7C	
21473	ZM_0196_A2_F10		ZM_0196_A2_F10_MR
21474	ZM_0196_A2_F11	ZM_0196_A2_F11_T7C	
21475	ZM_0196_A2_F11		ZM_0196_A2_F11_MR
21476	ZM_0196_A2_F12	ZM_0196_A2_F12_T7C	
21477	ZM_0196_A2_F12		ZM_0196_A2_F12_MR
21478	ZM_0196_A2_G01		ZM_0196_A2_G01_MR
21479	ZM_0196_A2_G02		ZM_0196_A2_G02_MR
21480	ZM_0196_A2_G03	ZM_0196_A2_G03_T7C	
21481	ZM_0196_A2_G03		ZM_0196_A2_G03_MR
21482	ZM_0196_A2_G04	ZM_0196_A2_G04_T7C	
21483	ZM_0196_A2_G04		ZM_0196_A2_G04_MR
21484	ZM_0196_A2_G05	ZM_0196_A2_G05_T7C	
21485	ZM_0196_A2_G05		ZM_0196_A2_G05_MR
21486	ZM_0196_A2_G06	ZM_0196_A2_G06_T7C	
21487	ZM_0196_A2_G06		ZM_0196_A2_G06_MR
21488	ZM_0196_A2_G07	ZM_0196_A2_G07_T7C	
21489	ZM_0196_A2_G07		ZM_0196_A2_G07_MR
21490	ZM_0196_A2_G08	ZM_0196_A2_G08_T7C	
21491	ZM_0196_A2_G08		ZM_0196_A2_G08_MR
21492	ZM_0196_A2_G09	ZM_0196_A2_G09_T7C	
21493	ZM_0196_A2_G09		ZM_0196_A2_G09_MR
21494	ZM_0196_A2_G10	ZM_0196_A2_G10_T7C	
21495	ZM_0196_A2_G10		ZM_0196_A2_G10_MR
21496	ZM_0196_A2_G11	ZM_0196_A2_G11_T7C	
21497	ZM_0196_A2_G11		ZM_0196_A2_G11_MR
21498	ZM_0196_A2_G12	ZM_0196_A2_G12_T7C	
21499	ZM_0196_A2_G12		ZM_0196_A2_G12_MR
21500	ZM_0196_A2_H01	ZM_0196_A2_H01_T7C	
21501	ZM_0196_A2_H01		ZM_0196_A2_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21502	ZM_0196_A2_H02	ZM_0196_A2_H02_T7C	
21503	ZM_0196_A2_H02		ZM_0196_A2_H02_MR
21504	ZM_0196_A2_H03	ZM_0196_A2_H03_T7C	
21505	ZM_0196_A2_H03		ZM_0196_A2_H03_MR
21506	ZM_0196_A2_H05	ZM_0196_A2_H05_T7C	
21507	ZM_0196_A2_H05		ZM_0196_A2_H05_MR
21508	ZM_0196_A2_H06	ZM_0196_A2_H06_T7C	
21509	ZM_0196_A2_H06		ZM_0196_A2_H06_MR
21510	ZM_0196_A2_H07	ZM_0196_A2_H07_T7C	
21511	ZM_0196_A2_H07		ZM_0196_A2_H07_MR
21512	ZM_0196_A2_H08	ZM_0196_A2_H08_T7C	
21513	ZM_0196_A2_H08		ZM_0196_A2_H08_MR
21514	ZM_0196_A2_H09	ZM_0196_A2_H09_T7C	
21515	ZM_0196_A2_H09		ZM_0196_A2_H09_MR
21516	ZM_0196_A2_H10		ZM_0196_A2_H10_MR
21517	ZM_0196_A2_H11	ZM_0196_A2_H11_T7C	
21518	ZM_0196_A2_H12	ZM_0196_A2_H12_T7C	
21519	ZM_0196_B1_A01	ZM_0196_B1_A01_T7C	
21520	ZM_0196_B1_A02	ZM_0196_B1_A02_T7C	
21521	ZM_0196_B1_A03	ZM_0196_B1_A03_T7C	
21522	ZM_0196_B1_A04	ZM_0196_B1_A04_T7C	
21523	ZM_0196_B1_A05	ZM_0196_B1_A05_T7C	
21524	ZM_0196_B1_A06	ZM_0196_B1_A06_T7C	
21525	ZM_0196_B1_A07	ZM_0196_B1_A07_T7C	
21526	ZM_0196_B1_A08	ZM_0196_B1_A08_T7C	
21527	ZM_0196_B1_A09	ZM_0196_B1_A09_T7C	
21528	ZM_0196_B1_A10	ZM_0196_B1_A10_T7C	
21529	ZM_0196_B1_A11	ZM_0196_B1_A11_T7C	
21530	ZM_0196_B1_A12	ZM_0196_B1_A12_T7C	
21531	ZM_0196_B1_B01	ZM_0196_B1_B01_T7C	
21532	ZM_0196_B1_B02	ZM_0196_B1_B02_T7C	
21533	ZM_0196_B1_B03	ZM_0196_B1_B03_T7C	
21534	ZM_0196_B1_B04	ZM_0196_B1_B04_T7C	
21535	ZM_0196_B1_B06	ZM_0196_B1_B06_T7C	
21536	ZM_0196_B1_B07	ZM_0196_B1_B07_T7C	
21537	ZM_0196_B1_B08	ZM_0196_B1_B08_T7C	
21538	ZM_0196_B1_B09	ZM_0196_B1_B09_T7C	
21539	ZM_0196_B1_B10	ZM_0196_B1_B10_T7C	
21540	ZM_0196_B1_B11	ZM_0196_B1_B11_T7C	
21541	ZM_0196_B1_B12	ZM_0196_B1_B12_T7C	
21542	ZM_0196_B1_C01	ZM_0196_B1_C01_T7C	
21543	ZM_0196_B1_C02	ZM_0196_B1_C02_T7C	
21544	ZM_0196_B1_C04	ZM_0196_B1_C04_T7C	
21545	ZM_0196_B1_C06	ZM_0196_B1_C06_T7C	
21546	ZM_0196_B1_C07	ZM_0196_B1_C07_T7C	
21547	ZM_0196_B1_C08	ZM_0196_B1_C08_T7C	
21548	ZM_0196_B1_C10	ZM_0196_B1_C10_T7C	
21549	ZM_0196_B1_C11	ZM_0196_B1_C11_T7C	
21550	ZM_0196_B1_C12	ZM_0196_B1_C12_T7C	
21551	ZM_0196_B1_D01	ZM_0196_B1_D01_T7C	
21552	ZM_0196_B1_D02	ZM_0196_B1_D02_T7C	
21553	ZM_0196_B1_D03	ZM_0196_B1_D03_T7C	
21554	ZM_0196_B1_D04	ZM_0196_B1_D04_T7C	
21555	ZM_0196_B1_D05	ZM_0196_B1_D05_T7C	
21556	ZM_0196_B1_D06	ZM_0196_B1_D06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21557	ZM_0196_B1_D07	ZM_0196_B1_D07_T7C	
21558	ZM_0196_B1_D08	ZM_0196_B1_D08_T7C	
21559	ZM_0196_B1_D09	ZM_0196_B1_D09_T7C	
21560	ZM_0196_B1_D10	ZM_0196_B1_D10_T7C	
21561	ZM_0196_B1_D11	ZM_0196_B1_D11_T7C	
21562	ZM_0196_B1_D12	ZM_0196_B1_D12_T7C	
21563	ZM_0196_B1_E01	ZM_0196_B1_E01_T7C	
21564	ZM_0196_B1_E02	ZM_0196_B1_E02_T7C	
21565	ZM_0196_B1_E03	ZM_0196_B1_E03_T7C	
21566	ZM_0196_B1_E04	ZM_0196_B1_E04_T7C	
21567	ZM_0196_B1_E05	ZM_0196_B1_E05_T7C	
21568	ZM_0196_B1_E06	ZM_0196_B1_E06_T7C	
21569	ZM_0196_B1_E07	ZM_0196_B1_E07_T7C	
21570	ZM_0196_B1_E08	ZM_0196_B1_E08_T7C	
21571	ZM_0196_B1_E09	ZM_0196_B1_E09_T7C	
21572	ZM_0196_B1_E10	ZM_0196_B1_E10_T7C	
21573	ZM_0196_B1_E11	ZM_0196_B1_E11_T7C	
21574	ZM_0196_B1_E12	ZM_0196_B1_E12_T7C	
21575	ZM_0196_B1_F01	ZM_0196_B1_F01_T7C	
21576	ZM_0196_B1_F02	ZM_0196_B1_F02_T7C	
21577	ZM_0196_B1_F03	ZM_0196_B1_F03_T7C	
21578	ZM_0196_B1_F04	ZM_0196_B1_F04_T7C	
21579	ZM_0196_B1_F05	ZM_0196_B1_F05_T7C	
21580	ZM_0196_B1_F06	ZM_0196_B1_F06_T7C	
21581	ZM_0196_B1_F07	ZM_0196_B1_F07_T7C	
21582	ZM_0196_B1_F08	ZM_0196_B1_F08_T7C	
21583	ZM_0196_B1_F09	ZM_0196_B1_F09_T7C	
21584	ZM_0196_B1_F10	ZM_0196_B1_F10_T7C	
21585	ZM_0196_B1_F11	ZM_0196_B1_F11_T7C	
21586	ZM_0196_B1_F12	ZM_0196_B1_F12_T7C	
21587	ZM_0196_B1_G01	ZM_0196_B1_G01_T7C	
21588	ZM_0196_B1_G02	ZM_0196_B1_G02_T7C	
21589	ZM_0196_B1_G03	ZM_0196_B1_G03_T7C	
21590	ZM_0196_B1_G04	ZM_0196_B1_G04_T7C	
21591	ZM_0196_B1_G06	ZM_0196_B1_G06_T7C	
21592	ZM_0196_B1_G07	ZM_0196_B1_G07_T7C	
21593	ZM_0196_B1_G09	ZM_0196_B1_G09_T7C	
21594	ZM_0196_B1_G10	ZM_0196_B1_G10_T7C	
21595	ZM_0196_B1_G11	ZM_0196_B1_G11_T7C	
21596	ZM_0196_B1_G12	ZM_0196_B1_G12_T7C	
21597	ZM_0196_B1_H01	ZM_0196_B1_H01_T7C	
21598	ZM_0196_B1_H02	ZM_0196_B1_H02_T7C	
21599	ZM_0196_B1_H03	ZM_0196_B1_H03_T7C	
21600	ZM_0196_B1_H04	ZM_0196_B1_H04_T7C	
21601	ZM_0196_B1_H06	ZM_0196_B1_H06_T7C	
21602	ZM_0196_B1_H07	ZM_0196_B1_H07_T7C	
21603	ZM_0196_B1_H09	ZM_0196_B1_H09_T7C	
21604	ZM_0196_B1_H10	ZM_0196_B1_H10_T7C	
21605	ZM_0196_B1_H12	ZM_0196_B1_H12_T7C	
21606	ZM_0196_B2_A01		ZM_0196_B2_A01_MR
21607	ZM_0196_B2_A02		ZM_0196_B2_A02_MR
21608	ZM_0196_B2_A03		ZM_0196_B2_A03_MR
21609	ZM_0196_B2_A04		ZM_0196_B2_A04_MR
21610	ZM_0196_B2_A05		ZM_0196_B2_A05_MR
21611	ZM_0196_B2_A06		ZM_0196_B2_A06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21612	ZM_0196_B2_A07		ZM_0196_B2_A07_MR
21613	ZM_0196_B2_A08		ZM_0196_B2_A08_MR
21614	ZM_0196_B2_A09		ZM_0196_B2_A09_MR
21615	ZM_0196_B2_A10		ZM_0196_B2_A10_MR
21616	ZM_0196_B2_A11		ZM_0196_B2_A11_MR
21617	ZM_0196_B2_A12		ZM_0196_B2_A12_MR
21618	ZM_0196_B2_B01		ZM_0196_B2_B01_MR
21619	ZM_0196_B2_B02		ZM_0196_B2_B02_MR
21620	ZM_0196_B2_B03		ZM_0196_B2_B03_MR
21621	ZM_0196_B2_B04		ZM_0196_B2_B04_MR
21622	ZM_0196_B2_B05		ZM_0196_B2_B05_MR
21623	ZM_0196_B2_B06		ZM_0196_B2_B06_MR
21624	ZM_0196_B2_B07		ZM_0196_B2_B07_MR
21625	ZM_0196_B2_B08		ZM_0196_B2_B08_MR
21626	ZM_0196_B2_B09		ZM_0196_B2_B09_MR
21627	ZM_0196_B2_B10		ZM_0196_B2_B10_MR
21628	ZM_0196_B2_B12		ZM_0196_B2_B12_MR
21629	ZM_0196_B2_C01		ZM_0196_B2_C01_MR
21630	ZM_0196_B2_C02		ZM_0196_B2_C02_MR
21631	ZM_0196_B2_C03		ZM_0196_B2_C03_MR
21632	ZM_0196_B2_C04		ZM_0196_B2_C04_MR
21633	ZM_0196_B2_C05		ZM_0196_B2_C05_MR
21634	ZM_0196_B2_C06		ZM_0196_B2_C06_MR
21635	ZM_0196_B2_C07		ZM_0196_B2_C07_MR
21636	ZM_0196_B2_C08		ZM_0196_B2_C08_MR
21637	ZM_0196_B2_C09		ZM_0196_B2_C09_MR
21638	ZM_0196_B2_C10		ZM_0196_B2_C10_MR
21639	ZM_0196_B2_C11		ZM_0196_B2_C11_MR
21640	ZM_0196_B2_C12		ZM_0196_B2_C12_MR
21641	ZM_0196_B2_D01		ZM_0196_B2_D01_MR
21642	ZM_0196_B2_D02		ZM_0196_B2_D02_MR
21643	ZM_0196_B2_D06		ZM_0196_B2_D06_MR
21644	ZM_0196_B2_D07		ZM_0196_B2_D07_MR
21645	ZM_0196_B2_D08		ZM_0196_B2_D08_MR
21646	ZM_0196_B2_D09		ZM_0196_B2_D09_MR
21647	ZM_0196_B2_D10		ZM_0196_B2_D10_MR
21648	ZM_0196_B2_D11		ZM_0196_B2_D11_MR
21649	ZM_0196_B2_D12		ZM_0196_B2_D12_MR
21650	ZM_0196_B2_E01		ZM_0196_B2_E01_MR
21651	ZM_0196_B2_E03		ZM_0196_B2_E03_MR
21652	ZM_0196_B2_E06		ZM_0196_B2_E06_MR
21653	ZM_0196_B2_E07		ZM_0196_B2_E07_MR
21654	ZM_0196_B2_E08		ZM_0196_B2_E08_MR
21655	ZM_0196_B2_E12		ZM_0196_B2_E12_MR
21656	ZM_0196_B2_F01		ZM_0196_B2_F01_MR
21657	ZM_0196_B2_F04		ZM_0196_B2_F04_MR
21658	ZM_0196_B2_F05		ZM_0196_B2_F05_MR
21659	ZM_0196_B2_F06		ZM_0196_B2_F06_MR
21660	ZM_0196_B2_F07		ZM_0196_B2_F07_MR
21661	ZM_0196_B2_F08		ZM_0196_B2_F08_MR
21662	ZM_0196_B2_F09		ZM_0196_B2_F09_MR
21663	ZM_0196_B2_F10		ZM_0196_B2_F10_MR
21664	ZM_0196_B2_F11		ZM_0196_B2_F11_MR
21665	ZM_0196_B2_F12		ZM_0196_B2_F12_MR
21666	ZM_0196_B2_G01		ZM_0196_B2_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21667	ZM_0196_B2_G05		ZM_0196_B2_G05_MR
21668	ZM_0196_B2_G06		ZM_0196_B2_G06_MR
21669	ZM_0196_B2_G07		ZM_0196_B2_G07_MR
21670	ZM_0196_B2_G10		ZM_0196_B2_G10_MR
21671	ZM_0196_B2_G11		ZM_0196_B2_G11_MR
21672	ZM_0196_B2_H01		ZM_0196_B2_H01_MR
21673	ZM_0196_B2_H02		ZM_0196_B2_H02_MR
21674	ZM_0196_B2_H04		ZM_0196_B2_H04_MR
21675	ZM_0196_B2_H06		ZM_0196_B2_H06_MR
21676	ZM_0196_B2_H07		ZM_0196_B2_H07_MR
21677	ZM_0196_B2_H08		ZM_0196_B2_H08_MR
21678	ZM_0196_B2_H09		ZM_0196_B2_H09_MR
21679	ZM_0196_B2_H10		ZM_0196_B2_H10_MR
21680	ZM_0196_B2_H12		ZM_0196_B2_H12_MR
21681	ZM_0197_B1_A01	ZM_0197_B1_A01_T7C	
21682	ZM_0197_B1_A01		ZM_0197_B1_A01_MR
21683	ZM_0197_B1_A02	ZM_0197_B1_A02_T7C	
21684	ZM_0197_B1_A02		ZM_0197_B1_A02_MR
21685	ZM_0197_B1_A03	ZM_0197_B1_A03_T7C	
21686	ZM_0197_B1_A03		ZM_0197_B1_A03_MR
21687	ZM_0197_B1_A04	ZM_0197_B1_A04_T7C	
21688	ZM_0197_B1_A04		ZM_0197_B1_A04_MR
21689	ZM_0197_B1_A05	ZM_0197_B1_A05_T7C	
21690	ZM_0197_B1_A05		ZM_0197_B1_A05_MR
21691	ZM_0197_B1_A06	ZM_0197_B1_A06_T7C	
21692	ZM_0197_B1_A06		ZM_0197_B1_A06_MR
21693	ZM_0197_B1_A07	ZM_0197_B1_A07_T7C	
21694	ZM_0197_B1_A07		ZM_0197_B1_A07_MR
21695	ZM_0197_B1_A08	ZM_0197_B1_A08_T7C	
21696	ZM_0197_B1_A08		ZM_0197_B1_A08_MR
21697	ZM_0197_B1_A09	ZM_0197_B1_A09_T7C	
21698	ZM_0197_B1_A09		ZM_0197_B1_A09_MR
21699	ZM_0197_B1_A10	ZM_0197_B1_A10_T7C	
21700	ZM_0197_B1_A10		ZM_0197_B1_A10_MR
21701	ZM_0197_B1_A11	ZM_0197_B1_A11_T7C	
21702	ZM_0197_B1_A12	ZM_0197_B1_A12_T7C	
21703	ZM_0197_B1_A12		ZM_0197_B1_A12_MR
21704	ZM_0197_B1_B01		ZM_0197_B1_B01_MR
21705	ZM_0197_B1_B02	ZM_0197_B1_B02_T7C	
21706	ZM_0197_B1_B02		ZM_0197_B1_B02_MR
21707	ZM_0197_B1_B03	ZM_0197_B1_B03_T7C	
21708	ZM_0197_B1_B03		ZM_0197_B1_B03_MR
21709	ZM_0197_B1_B04	ZM_0197_B1_B04_T7C	
21710	ZM_0197_B1_B04		ZM_0197_B1_B04_MR
21711	ZM_0197_B1_B05	ZM_0197_B1_B05_T7C	
21712	ZM_0197_B1_B05		ZM_0197_B1_B05_MR
21713	ZM_0197_B1_B06	ZM_0197_B1_B06_T7C	
21714	ZM_0197_B1_B06		ZM_0197_B1_B06_MR
21715	ZM_0197_B1_B07	ZM_0197_B1_B07_T7C	
21716	ZM_0197_B1_B07		ZM_0197_B1_B07_MR
21717	ZM_0197_B1_B08	ZM_0197_B1_B08_T7C	
21718	ZM_0197_B1_B08		ZM_0197_B1_B08_MR
21719	ZM_0197_B1_B09	ZM_0197_B1_B09_T7C	
21720	ZM_0197_B1_B09		ZM_0197_B1_B09_MR
21721	ZM_0197_B1_B10	ZM_0197_B1_B10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21722	ZM_0197_B1_B10		ZM_0197_B1_B10_MR
21723	ZM_0197_B1_B11	ZM_0197_B1_B11_T7C	
21724	ZM_0197_B1_B11		ZM_0197_B1_B11_MR
21725	ZM_0197_B1_B12	ZM_0197_B1_B12_T7C	
21726	ZM_0197_B1_B12		ZM_0197_B1_B12_MR
21727	ZM_0197_B1_C01	ZM_0197_B1_C01_T7C	
21728	ZM_0197_B1_C01		ZM_0197_B1_C01_MR
21729	ZM_0197_B1_C02	ZM_0197_B1_C02_T7C	
21730	ZM_0197_B1_C02		ZM_0197_B1_C02_MR
21731	ZM_0197_B1_C03	ZM_0197_B1_C03_T7C	
21732	ZM_0197_B1_C03		ZM_0197_B1_C03_MR
21733	ZM_0197_B1_C04	ZM_0197_B1_C04_T7C	
21734	ZM_0197_B1_C04		ZM_0197_B1_C04_MR
21735	ZM_0197_B1_C05	ZM_0197_B1_C05_T7C	
21736	ZM_0197_B1_C05		ZM_0197_B1_C05_MR
21737	ZM_0197_B1_C06	ZM_0197_B1_C06_T7C	
21738	ZM_0197_B1_C07	ZM_0197_B1_C07_T7C	
21739	ZM_0197_B1_C07		ZM_0197_B1_C07_MR
21740	ZM_0197_B1_C08	ZM_0197_B1_C08_T7C	
21741	ZM_0197_B1_C08		ZM_0197_B1_C08_MR
21742	ZM_0197_B1_C09	ZM_0197_B1_C09_T7C	
21743	ZM_0197_B1_C09		ZM_0197_B1_C09_MR
21744	ZM_0197_B1_C10	ZM_0197_B1_C10_T7C	
21745	ZM_0197_B1_C10		ZM_0197_B1_C10_MR
21746	ZM_0197_B1_C11	ZM_0197_B1_C11_T7C	
21747	ZM_0197_B1_C11		ZM_0197_B1_C11_MR
21748	ZM_0197_B1_C12	ZM_0197_B1_C12_T7C	
21749	ZM_0197_B1_C12		ZM_0197_B1_C12_MR
21750	ZM_0197_B1_D01	ZM_0197_B1_D01_T7C	
21751	ZM_0197_B1_D01		ZM_0197_B1_D01_MR
21752	ZM_0197_B1_D02	ZM_0197_B1_D02_T7C	
21753	ZM_0197_B1_D02		ZM_0197_B1_D02_MR
21754	ZM_0197_B1_D03	ZM_0197_B1_D03_T7C	
21755	ZM_0197_B1_D03		ZM_0197_B1_D03_MR
21756	ZM_0197_B1_D04	ZM_0197_B1_D04_T7C	
21757	ZM_0197_B1_D04		ZM_0197_B1_D04_MR
21758	ZM_0197_B1_D05	ZM_0197_B1_D05_T7C	
21759	ZM_0197_B1_D05		ZM_0197_B1_D05_MR
21760	ZM_0197_B1_D06	ZM_0197_B1_D06_T7C	
21761	ZM_0197_B1_D06		ZM_0197_B1_D06_MR
21762	ZM_0197_B1_D07	ZM_0197_B1_D07_T7C	
21763	ZM_0197_B1_D07		ZM_0197_B1_D07_MR
21764	ZM_0197_B1_D08	ZM_0197_B1_D08_T7C	
21765	ZM_0197_B1_D08		ZM_0197_B1_D08_MR
21766	ZM_0197_B1_D09	ZM_0197_B1_D09_T7C	
21767	ZM_0197_B1_D09		ZM_0197_B1_D09_MR
21768	ZM_0197_B1_D10	ZM_0197_B1_D10_T7C	
21769	ZM_0197_B1_D10		ZM_0197_B1_D10_MR
21770	ZM_0197_B1_D11	ZM_0197_B1_D11_T7C	
21771	ZM_0197_B1_D11		ZM_0197_B1_D11_MR
21772	ZM_0197_B1_D12	ZM_0197_B1_D12_T7C	
21773	ZM_0197_B1_D12		ZM_0197_B1_D12_MR
21774	ZM_0197_B1_E01	ZM_0197_B1_E01_T7C	
21775	ZM_0197_B1_E01		ZM_0197_B1_E01_MR
21776	ZM_0197_B1_E02	ZM_0197_B1_E02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21777	ZM_0197_B1_E03		ZM_0197_B1_E03_MR
21778	ZM_0197_B1_E04	ZM_0197_B1_E04_T7C	
21779	ZM_0197_B1_E04		ZM_0197_B1_E04_MR
21780	ZM_0197_B1_E05	ZM_0197_B1_E05_T7C	
21781	ZM_0197_B1_E05		ZM_0197_B1_E05_MR
21782	ZM_0197_B1_E06	ZM_0197_B1_E06_T7C	
21783	ZM_0197_B1_E06		ZM_0197_B1_E06_MR
21784	ZM_0197_B1_E07	ZM_0197_B1_E07_T7C	
21785	ZM_0197_B1_E07		ZM_0197_B1_E07_MR
21786	ZM_0197_B1_E08	ZM_0197_B1_E08_T7C	
21787	ZM_0197_B1_E08		ZM_0197_B1_E08_MR
21788	ZM_0197_B1_E09	ZM_0197_B1_E09_T7C	
21789	ZM_0197_B1_E10	ZM_0197_B1_E10_T7C	
21790	ZM_0197_B1_E10		ZM_0197_B1_E10_MR
21791	ZM_0197_B1_E11	ZM_0197_B1_E11_T7C	
21792	ZM_0197_B1_E11		ZM_0197_B1_E11_MR
21793	ZM_0197_B1_E12	ZM_0197_B1_E12_T7C	
21794	ZM_0197_B1_E12		ZM_0197_B1_E12_MR
21795	ZM_0197_B1_F01	ZM_0197_B1_F01_T7C	
21796	ZM_0197_B1_F01		ZM_0197_B1_F01_MR
21797	ZM_0197_B1_F02	ZM_0197_B1_F02_T7C	
21798	ZM_0197_B1_F02		ZM_0197_B1_F02_MR
21799	ZM_0197_B1_F03	ZM_0197_B1_F03_T7C	
21800	ZM_0197_B1_F03		ZM_0197_B1_F03_MR
21801	ZM_0197_B1_F04	ZM_0197_B1_F04_T7C	
21802	ZM_0197_B1_F04		ZM_0197_B1_F04_MR
21803	ZM_0197_B1_F05	ZM_0197_B1_F05_T7C	
21804	ZM_0197_B1_F05		ZM_0197_B1_F05_MR
21805	ZM_0197_B1_F06	ZM_0197_B1_F06_T7C	
21806	ZM_0197_B1_F06		ZM_0197_B1_F06_MR
21807	ZM_0197_B1_F07	ZM_0197_B1_F07_T7C	
21808	ZM_0197_B1_F07		ZM_0197_B1_F07_MR
21809	ZM_0197_B1_F08	ZM_0197_B1_F08_T7C	
21810	ZM_0197_B1_F08		ZM_0197_B1_F08_MR
21811	ZM_0197_B1_F09	ZM_0197_B1_F09_T7C	
21812	ZM_0197_B1_F09		ZM_0197_B1_F09_MR
21813	ZM_0197_B1_F10	ZM_0197_B1_F10_T7C	
21814	ZM_0197_B1_F10		ZM_0197_B1_F10_MR
21815	ZM_0197_B1_F11	ZM_0197_B1_F11_T7C	
21816	ZM_0197_B1_F11		ZM_0197_B1_F11_MR
21817	ZM_0197_B1_F12	ZM_0197_B1_F12_T7C	
21818	ZM_0197_B1_F12		ZM_0197_B1_F12_MR
21819	ZM_0197_B1_G01	ZM_0197_B1_G01_T7C	
21820	ZM_0197_B1_G01		ZM_0197_B1_G01_MR
21821	ZM_0197_B1_G02	ZM_0197_B1_G02_T7C	
21822	ZM_0197_B1_G02		ZM_0197_B1_G02_MR
21823	ZM_0197_B1_G03	ZM_0197_B1_G03_T7C	
21824	ZM_0197_B1_G03		ZM_0197_B1_G03_MR
21825	ZM_0197_B1_G04	ZM_0197_B1_G04_T7C	
21826	ZM_0197_B1_G04		ZM_0197_B1_G04_MR
21827	ZM_0197_B1_G05	ZM_0197_B1_G05_T7C	
21828	ZM_0197_B1_G05		ZM_0197_B1_G05_MR
21829	ZM_0197_B1_G06	ZM_0197_B1_G06_T7C	
21830	ZM_0197_B1_G06		ZM_0197_B1_G06_MR
21831	ZM_0197_B1_G07	ZM_0197_B1_G07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21832	ZM_0197_B1_G08	ZM_0197_B1_G08_T7C	
21833	ZM_0197_B1_G08		ZM_0197_B1_G08_MR
21834	ZM_0197_B1_G09	ZM_0197_B1_G09_T7C	
21835	ZM_0197_B1_G09		ZM_0197_B1_G09_MR
21836	ZM_0197_B1_G10	ZM_0197_B1_G10_T7C	
21837	ZM_0197_B1_G10		ZM_0197_B1_G10_MR
21838	ZM_0197_B1_G11	ZM_0197_B1_G11_T7C	
21839	ZM_0197_B1_G11		ZM_0197_B1_G11_MR
21840	ZM_0197_B1_G12	ZM_0197_B1_G12_T7C	
21841	ZM_0197_B1_G12		ZM_0197_B1_G12_MR
21842	ZM_0197_B1_H01	ZM_0197_B1_H01_T7C	
21843	ZM_0197_B1_H02	ZM_0197_B1_H02_T7C	
21844	ZM_0197_B1_H02		ZM_0197_B1_H02_MR
21845	ZM_0197_B1_H03	ZM_0197_B1_H03_T7C	
21846	ZM_0197_B1_H03		ZM_0197_B1_H03_MR
21847	ZM_0197_B1_H04		ZM_0197_B1_H04_MR
21848	ZM_0197_B1_H05	ZM_0197_B1_H05_T7C	
21849	ZM_0197_B1_H05		ZM_0197_B1_H05_MR
21850	ZM_0197_B1_H06	ZM_0197_B1_H06_T7C	
21851	ZM_0197_B1_H06		ZM_0197_B1_H06_MR
21852	ZM_0197_B1_H07	ZM_0197_B1_H07_T7C	
21853	ZM_0197_B1_H07		ZM_0197_B1_H07_MR
21854	ZM_0197_B1_H08	ZM_0197_B1_H08_T7C	
21855	ZM_0197_B1_H08		ZM_0197_B1_H08_MR
21856	ZM_0197_B1_H09	ZM_0197_B1_H09_T7C	
21857	ZM_0197_B1_H09		ZM_0197_B1_H09_MR
21858	ZM_0197_B1_H10	ZM_0197_B1_H10_T7C	
21859	ZM_0197_B1_H10		ZM_0197_B1_H10_MR
21860	ZM_0197_B1_H11	ZM_0197_B1_H11_T7C	
21861	ZM_0197_B1_H11		ZM_0197_B1_H11_MR
21862	ZM_0197_B1_H12	ZM_0197_B1_H12_T7C	
21863	ZM_0197_B2_A01		ZM_0197_B2_A01_MR
21864	ZM_0197_B2_A04		ZM_0197_B2_A04_MR
21865	ZM_0197_B2_A05		ZM_0197_B2_A05_MR
21866	ZM_0197_B2_A06		ZM_0197_B2_A06_MR
21867	ZM_0197_B2_A07		ZM_0197_B2_A07_MR
21868	ZM_0197_B2_A08		ZM_0197_B2_A08_MR
21869	ZM_0197_B2_A10		ZM_0197_B2_A10_MR
21870	ZM_0197_B2_A12		ZM_0197_B2_A12_MR
21871	ZM_0197_B2_B01		ZM_0197_B2_B01_MR
21872	ZM_0197_B2_B02		ZM_0197_B2_B02_MR
21873	ZM_0197_B2_B03		ZM_0197_B2_B03_MR
21874	ZM_0197_B2_B05		ZM_0197_B2_B05_MR
21875	ZM_0197_B2_B08		ZM_0197_B2_B08_MR
21876	ZM_0197_B2_B10		ZM_0197_B2_B10_MR
21877	ZM_0197_B2_B11		ZM_0197_B2_B11_MR
21878	ZM_0197_B2_C01		ZM_0197_B2_C01_MR
21879	ZM_0197_B2_C02		ZM_0197_B2_C02_MR
21880	ZM_0197_B2_C03		ZM_0197_B2_C03_MR
21881	ZM_0197_B2_C04		ZM_0197_B2_C04_MR
21882	ZM_0197_B2_C05		ZM_0197_B2_C05_MR
21883	ZM_0197_B2_C07		ZM_0197_B2_C07_MR
21884	ZM_0197_B2_C08		ZM_0197_B2_C08_MR
21885	ZM_0197_B2_C12		ZM_0197_B2_C12_MR
21886	ZM_0197_B2_D01		ZM_0197_B2_D01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21887	ZM_0197_B2_D02		ZM_0197_B2_D02_MR
21888	ZM_0197_B2_D03		ZM_0197_B2_D03_MR
21889	ZM_0197_B2_D04		ZM_0197_B2_D04_MR
21890	ZM_0197_B2_D05		ZM_0197_B2_D05_MR
21891	ZM_0197_B2_D07		ZM_0197_B2_D07_MR
21892	ZM_0197_B2_D08		ZM_0197_B2_D08_MR
21893	ZM_0197_B2_D09		ZM_0197_B2_D09_MR
21894	ZM_0197_B2_D10		ZM_0197_B2_D10_MR
21895	ZM_0197_B2_D12		ZM_0197_B2_D12_MR
21896	ZM_0197_B2_E01		ZM_0197_B2_E01_MR
21897	ZM_0197_B2_E02		ZM_0197_B2_E02_MR
21898	ZM_0197_B2_E03		ZM_0197_B2_E03_MR
21899	ZM_0197_B2_E04		ZM_0197_B2_E04_MR
21900	ZM_0197_B2_E05		ZM_0197_B2_E05_MR
21901	ZM_0197_B2_E06		ZM_0197_B2_E06_MR
21902	ZM_0197_B2_E07		ZM_0197_B2_E07_MR
21903	ZM_0197_B2_E08		ZM_0197_B2_E08_MR
21904	ZM_0197_B2_E09		ZM_0197_B2_E09_MR
21905	ZM_0197_B2_E12		ZM_0197_B2_E12_MR
21906	ZM_0197_B2_F01		ZM_0197_B2_F01_MR
21907	ZM_0197_B2_F02		ZM_0197_B2_F02_MR
21908	ZM_0197_B2_F03		ZM_0197_B2_F03_MR
21909	ZM_0197_B2_F04		ZM_0197_B2_F04_MR
21910	ZM_0197_B2_F05		ZM_0197_B2_F05_MR
21911	ZM_0197_B2_F06		ZM_0197_B2_F06_MR
21912	ZM_0197_B2_F07		ZM_0197_B2_F07_MR
21913	ZM_0197_B2_F08		ZM_0197_B2_F08_MR
21914	ZM_0197_B2_F10		ZM_0197_B2_F10_MR
21915	ZM_0197_B2_F11		ZM_0197_B2_F11_MR
21916	ZM_0197_B2_F12		ZM_0197_B2_F12_MR
21917	ZM_0197_B2_G01		ZM_0197_B2_G01_MR
21918	ZM_0197_B2_G02		ZM_0197_B2_G02_MR
21919	ZM_0197_B2_G03		ZM_0197_B2_G03_MR
21920	ZM_0197_B2_G04		ZM_0197_B2_G04_MR
21921	ZM_0197_B2_G05		ZM_0197_B2_G05_MR
21922	ZM_0197_B2_G07		ZM_0197_B2_G07_MR
21923	ZM_0197_B2_G10		ZM_0197_B2_G10_MR
21924	ZM_0197_B2_G12		ZM_0197_B2_G12_MR
21925	ZM_0197_B2_H01		ZM_0197_B2_H01_MR
21926	ZM_0197_B2_H02		ZM_0197_B2_H02_MR
21927	ZM_0197_B2_H03		ZM_0197_B2_H03_MR
21928	ZM_0197_B2_H04		ZM_0197_B2_H04_MR
21929	ZM_0197_B2_H05		ZM_0197_B2_H05_MR
21930	ZM_0197_B2_H06		ZM_0197_B2_H06_MR
21931	ZM_0197_B2_H07		ZM_0197_B2_H07_MR
21932	ZM_0197_B2_H08		ZM_0197_B2_H08_MR
21933	ZM_0197_B2_H09		ZM_0197_B2_H09_MR
21934	ZM_0197_B2_H10		ZM_0197_B2_H10_MR
21935	ZM_0197_B2_H11		ZM_0197_B2_H11_MR
21936	ZM_0197_B2_H12		ZM_0197_B2_H12_MR
21937	ZM_0198_B1_A01	ZM_0198_B1_A01_T7C	
21938	ZM_0198_B1_A02	ZM_0198_B1_A02_T7C	
21939	ZM_0198_B1_A04	ZM_0198_B1_A04_T7C	
21940	ZM_0198_B1_A04		ZM_0198_B1_A04_MR
21941	ZM_0198_B1_A05	ZM_0198_B1_A05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21942	ZM_0198_B1_A05		ZM_0198_B1_A05_MR
21943	ZM_0198_B1_A06	ZM_0198_B1_A06_T7C	
21944	ZM_0198_B1_A06		ZM_0198_B1_A06_MR
21945	ZM_0198_B1_A07		ZM_0198_B1_A07_MR
21946	ZM_0198_B1_A08	ZM_0198_B1_A08_T7C	
21947	ZM_0198_B1_A08		ZM_0198_B1_A08_MR
21948	ZM_0198_B1_A09	ZM_0198_B1_A09_T7C	
21949	ZM_0198_B1_A09		ZM_0198_B1_A09_MR
21950	ZM_0198_B1_A10	ZM_0198_B1_A10_T7C	
21951	ZM_0198_B1_A10		ZM_0198_B1_A10_MR
21952	ZM_0198_B1_A11	ZM_0198_B1_A11_T7C	
21953	ZM_0198_B1_A11		ZM_0198_B1_A11_MR
21954	ZM_0198_B1_A12	ZM_0198_B1_A12_T7C	
21955	ZM_0198_B1_A12		ZM_0198_B1_A12_MR
21956	ZM_0198_B1_B01		ZM_0198_B1_B01_MR
21957	ZM_0198_B1_B02	ZM_0198_B1_B02_T7C	
21958	ZM_0198_B1_B02		ZM_0198_B1_B02_MR
21959	ZM_0198_B1_B03	ZM_0198_B1_B03_T7C	
21960	ZM_0198_B1_B03		ZM_0198_B1_B03_MR
21961	ZM_0198_B1_B04	ZM_0198_B1_B04_T7C	
21962	ZM_0198_B1_B04		ZM_0198_B1_B04_MR
21963	ZM_0198_B1_B05	ZM_0198_B1_B05_T7C	
21964	ZM_0198_B1_B05		ZM_0198_B1_B05_MR
21965	ZM_0198_B1_B06	ZM_0198_B1_B06_T7C	
21966	ZM_0198_B1_B06		ZM_0198_B1_B06_MR
21967	ZM_0198_B1_B07	ZM_0198_B1_B07_T7C	
21968	ZM_0198_B1_B07		ZM_0198_B1_B07_MR
21969	ZM_0198_B1_B08	ZM_0198_B1_B08_T7C	
21970	ZM_0198_B1_B08		ZM_0198_B1_B08_MR
21971	ZM_0198_B1_B09	ZM_0198_B1_B09_T7C	
21972	ZM_0198_B1_B09		ZM_0198_B1_B09_MR
21973	ZM_0198_B1_B10	ZM_0198_B1_B10_T7C	
21974	ZM_0198_B1_B10		ZM_0198_B1_B10_MR
21975	ZM_0198_B1_B11	ZM_0198_B1_B11_T7C	
21976	ZM_0198_B1_B11		ZM_0198_B1_B11_MR
21977	ZM_0198_B1_B12	ZM_0198_B1_B12_T7C	
21978	ZM_0198_B1_B12		ZM_0198_B1_B12_MR
21979	ZM_0198_B1_C01	ZM_0198_B1_C01_T7C	
21980	ZM_0198_B1_C02	ZM_0198_B1_C02_T7C	
21981	ZM_0198_B1_C02		ZM_0198_B1_C02_MR
21982	ZM_0198_B1_C03	ZM_0198_B1_C03_T7C	
21983	ZM_0198_B1_C03		ZM_0198_B1_C03_MR
21984	ZM_0198_B1_C04	ZM_0198_B1_C04_T7C	
21985	ZM_0198_B1_C04		ZM_0198_B1_C04_MR
21986	ZM_0198_B1_C05	ZM_0198_B1_C05_T7C	
21987	ZM_0198_B1_C05		ZM_0198_B1_C05_MR
21988	ZM_0198_B1_C06	ZM_0198_B1_C06_T7C	
21989	ZM_0198_B1_C06		ZM_0198_B1_C06_MR
21990	ZM_0198_B1_C07	ZM_0198_B1_C07_T7C	
21991	ZM_0198_B1_C07		ZM_0198_B1_C07_MR
21992	ZM_0198_B1_C08	ZM_0198_B1_C08_T7C	
21993	ZM_0198_B1_C08		ZM_0198_B1_C08_MR
21994	ZM_0198_B1_C09	ZM_0198_B1_C09_T7C	
21995	ZM_0198_B1_C09		ZM_0198_B1_C09_MR
21996	ZM_0198_B1_C10	ZM_0198_B1_C10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
21997	ZM_0198_B1_C10		ZM_0198_B1_C10_MR
21998	ZM_0198_B1_C11	ZM_0198_B1_C11_T7C	
21999	ZM_0198_B1_C11		ZM_0198_B1_C11_MR
22000	ZM_0198_B1_C12	ZM_0198_B1_C12_T7C	
22001	ZM_0198_B1_C12		ZM_0198_B1_C12_MR
22002	ZM_0198_B1_D01	ZM_0198_B1_D01_T7C	
22003	ZM_0198_B1_D01		ZM_0198_B1_D01_MR
22004	ZM_0198_B1_D02	ZM_0198_B1_D02_T7C	
22005	ZM_0198_B1_D02		ZM_0198_B1_D02_MR
22006	ZM_0198_B1_D03	ZM_0198_B1_D03_T7C	
22007	ZM_0198_B1_D03		ZM_0198_B1_D03_MR
22008	ZM_0198_B1_D04	ZM_0198_B1_D04_T7C	
22009	ZM_0198_B1_D04		ZM_0198_B1_D04_MR
22010	ZM_0198_B1_D05	ZM_0198_B1_D05_T7C	
22011	ZM_0198_B1_D05		ZM_0198_B1_D05_MR
22012	ZM_0198_B1_D06	ZM_0198_B1_D06_T7C	
22013	ZM_0198_B1_D06		ZM_0198_B1_D06_MR
22014	ZM_0198_B1_D07	ZM_0198_B1_D07_T7C	
22015	ZM_0198_B1_D07		ZM_0198_B1_D07_MR
22016	ZM_0198_B1_D08	ZM_0198_B1_D08_T7C	
22017	ZM_0198_B1_D08		ZM_0198_B1_D08_MR
22018	ZM_0198_B1_D09	ZM_0198_B1_D09_T7C	
22019	ZM_0198_B1_D09		ZM_0198_B1_D09_MR
22020	ZM_0198_B1_D10	ZM_0198_B1_D10_T7C	
22021	ZM_0198_B1_D10		ZM_0198_B1_D10_MR
22022	ZM_0198_B1_D11	ZM_0198_B1_D11_T7C	
22023	ZM_0198_B1_D11		ZM_0198_B1_D11_MR
22024	ZM_0198_B1_D12	ZM_0198_B1_D12_T7C	
22025	ZM_0198_B1_D12		ZM_0198_B1_D12_MR
22026	ZM_0198_B1_E01	ZM_0198_B1_E01_T7C	
22027	ZM_0198_B1_E01		ZM_0198_B1_E01_MR
22028	ZM_0198_B1_E02	ZM_0198_B1_E02_T7C	
22029	ZM_0198_B1_E02		ZM_0198_B1_E02_MR
22030	ZM_0198_B1_E03	ZM_0198_B1_E03_T7C	
22031	ZM_0198_B1_E03		ZM_0198_B1_E03_MR
22032	ZM_0198_B1_E04	ZM_0198_B1_E04_T7C	
22033	ZM_0198_B1_E04		ZM_0198_B1_E04_MR
22034	ZM_0198_B1_E05	ZM_0198_B1_E05_T7C	
22035	ZM_0198_B1_E05		ZM_0198_B1_E05_MR
22036	ZM_0198_B1_E06	ZM_0198_B1_E06_T7C	
22037	ZM_0198_B1_E06		ZM_0198_B1_E06_MR
22038	ZM_0198_B1_E07	ZM_0198_B1_E07_T7C	
22039	ZM_0198_B1_E07		ZM_0198_B1_E07_MR
22040	ZM_0198_B1_E08	ZM_0198_B1_E08_T7C	
22041	ZM_0198_B1_E08		ZM_0198_B1_E08_MR
22042	ZM_0198_B1_E09	ZM_0198_B1_E09_T7C	
22043	ZM_0198_B1_E09		ZM_0198_B1_E09_MR
22044	ZM_0198_B1_E10	ZM_0198_B1_E10_T7C	
22045	ZM_0198_B1_E10		ZM_0198_B1_E10_MR
22046	ZM_0198_B1_E11	ZM_0198_B1_E11_T7C	
22047	ZM_0198_B1_E11		ZM_0198_B1_E11_MR
22048	ZM_0198_B1_E12	ZM_0198_B1_E12_T7C	
22049	ZM_0198_B1_E12		ZM_0198_B1_E12_MR
22050	ZM_0198_B1_F01	ZM_0198_B1_F01_T7C	
22051	ZM_0198_B1_F01		ZM_0198_B1_F01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22052	ZM_0198_B1_F02	ZM_0198_B1_F02_T7C	
22053	ZM_0198_B1_F02		ZM_0198_B1_F02_MR
22054	ZM_0198_B1_F03	ZM_0198_B1_F03_T7C	
22055	ZM_0198_B1_F03		ZM_0198_B1_F03_MR
22056	ZM_0198_B1_F04	ZM_0198_B1_F04_T7C	
22057	ZM_0198_B1_F04		ZM_0198_B1_F04_MR
22058	ZM_0198_B1_F05	ZM_0198_B1_F05_T7C	
22059	ZM_0198_B1_F05		ZM_0198_B1_F05_MR
22060	ZM_0198_B1_F06	ZM_0198_B1_F06_T7C	
22061	ZM_0198_B1_F06		ZM_0198_B1_F06_MR
22062	ZM_0198_B1_F07	ZM_0198_B1_F07_T7C	
22063	ZM_0198_B1_F07		ZM_0198_B1_F07_MR
22064	ZM_0198_B1_F08	ZM_0198_B1_F08_T7C	
22065	ZM_0198_B1_F08		ZM_0198_B1_F08_MR
22066	ZM_0198_B1_F10	ZM_0198_B1_F10_T7C	
22067	ZM_0198_B1_F10		ZM_0198_B1_F10_MR
22068	ZM_0198_B1_F11	ZM_0198_B1_F11_T7C	
22069	ZM_0198_B1_F11		ZM_0198_B1_F11_MR
22070	ZM_0198_B1_F12	ZM_0198_B1_F12_T7C	
22071	ZM_0198_B1_F12		ZM_0198_B1_F12_MR
22072	ZM_0198_B1_G01	ZM_0198_B1_G01_T7C	
22073	ZM_0198_B1_G01		ZM_0198_B1_G01_MR
22074	ZM_0198_B1_G02	ZM_0198_B1_G02_T7C	
22075	ZM_0198_B1_G02		ZM_0198_B1_G02_MR
22076	ZM_0198_B1_G03	ZM_0198_B1_G03_T7C	
22077	ZM_0198_B1_G03		ZM_0198_B1_G03_MR
22078	ZM_0198_B1_G04	ZM_0198_B1_G04_T7C	
22079	ZM_0198_B1_G04		ZM_0198_B1_G04_MR
22080	ZM_0198_B1_G05	ZM_0198_B1_G05_T7C	
22081	ZM_0198_B1_G05		ZM_0198_B1_G05_MR
22082	ZM_0198_B1_G06	ZM_0198_B1_G06_T7C	
22083	ZM_0198_B1_G06		ZM_0198_B1_G06_MR
22084	ZM_0198_B1_G07	ZM_0198_B1_G07_T7C	
22085	ZM_0198_B1_G07		ZM_0198_B1_G07_MR
22086	ZM_0198_B1_G08	ZM_0198_B1_G08_T7C	
22087	ZM_0198_B1_G08		ZM_0198_B1_G08_MR
22088	ZM_0198_B1_G09	ZM_0198_B1_G09_T7C	
22089	ZM_0198_B1_G09		ZM_0198_B1_G09_MR
22090	ZM_0198_B1_G10	ZM_0198_B1_G10_T7C	
22091	ZM_0198_B1_G10		ZM_0198_B1_G10_MR
22092	ZM_0198_B1_G11	ZM_0198_B1_G11_T7C	
22093	ZM_0198_B1_G11		ZM_0198_B1_G11_MR
22094	ZM_0198_B1_G12	ZM_0198_B1_G12_T7C	
22095	ZM_0198_B1_G12		ZM_0198_B1_G12_MR
22096	ZM_0198_B1_H01	ZM_0198_B1_H01_T7C	
22097	ZM_0198_B1_H01		ZM_0198_B1_H01_MR
22098	ZM_0198_B1_H02	ZM_0198_B1_H02_T7C	
22099	ZM_0198_B1_H02		ZM_0198_B1_H02_MR
22100	ZM_0198_B1_H03	ZM_0198_B1_H03_T7C	
22101	ZM_0198_B1_H03		ZM_0198_B1_H03_MR
22102	ZM_0198_B1_H04	ZM_0198_B1_H04_T7C	
22103	ZM_0198_B1_H04		ZM_0198_B1_H04_MR
22104	ZM_0198_B1_H05	ZM_0198_B1_H05_T7C	
22105	ZM_0198_B1_H05		ZM_0198_B1_H05_MR
22106	ZM_0198_B1_H06	ZM_0198_B1_H06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22107	ZM_0198_B1_H06		ZM_0198_B1_H06_MR
22108	ZM_0198_B1_H07	ZM_0198_B1_H07_T7C	
22109	ZM_0198_B1_H07		ZM_0198_B1_H07_MR
22110	ZM_0198_B1_H08	ZM_0198_B1_H08_T7C	
22111	ZM_0198_B1_H08		ZM_0198_B1_H08_MR
22112	ZM_0198_B1_H09	ZM_0198_B1_H09_T7C	
22113	ZM_0198_B1_H09		ZM_0198_B1_H09_MR
22114	ZM_0198_B1_H10	ZM_0198_B1_H10_T7C	
22115	ZM_0198_B1_H10		ZM_0198_B1_H10_MR
22116	ZM_0198_B1_H11	ZM_0198_B1_H11_T7C	
22117	ZM_0198_B1_H12	ZM_0198_B1_H12_T7C	
22118	ZM_0198_B1_H12		ZM_0198_B1_H12_MR
22119	ZM_0198_B2_A01	ZM_0198_B2_A01_T7C	
22120	ZM_0198_B2_A02	ZM_0198_B2_A02_T7C	
22121	ZM_0198_B2_A03	ZM_0198_B2_A03_T7C	
22122	ZM_0198_B2_A04	ZM_0198_B2_A04_T7C	
22123	ZM_0198_B2_A05	ZM_0198_B2_A05_T7C	
22124	ZM_0198_B2_A06	ZM_0198_B2_A06_T7C	
22125	ZM_0198_B2_A07	ZM_0198_B2_A07_T7C	
22126	ZM_0198_B2_A08	ZM_0198_B2_A08_T7C	
22127	ZM_0198_B2_A09	ZM_0198_B2_A09_T7C	
22128	ZM_0198_B2_A10	ZM_0198_B2_A10_T7C	
22129	ZM_0198_B2_A11	ZM_0198_B2_A11_T7C	
22130	ZM_0198_B2_A12	ZM_0198_B2_A12_T7C	
22131	ZM_0198_B2_B01	ZM_0198_B2_B01_T7C	
22132	ZM_0198_B2_B02	ZM_0198_B2_B02_T7C	
22133	ZM_0198_B2_B03	ZM_0198_B2_B03_T7C	
22134	ZM_0198_B2_B04	ZM_0198_B2_B04_T7C	
22135	ZM_0198_B2_B05	ZM_0198_B2_B05_T7C	
22136	ZM_0198_B2_B06	ZM_0198_B2_B06_T7C	
22137	ZM_0198_B2_B07	ZM_0198_B2_B07_T7C	
22138	ZM_0198_B2_B08	ZM_0198_B2_B08_T7C	
22139	ZM_0198_B2_B09	ZM_0198_B2_B09_T7C	
22140	ZM_0198_B2_B10	ZM_0198_B2_B10_T7C	
22141	ZM_0198_B2_B12	ZM_0198_B2_B12_T7C	
22142	ZM_0198_B2_C01	ZM_0198_B2_C01_T7C	
22143	ZM_0198_B2_C02	ZM_0198_B2_C02_T7C	
22144	ZM_0198_B2_C03	ZM_0198_B2_C03_T7C	
22145	ZM_0198_B2_C04	ZM_0198_B2_C04_T7C	
22146	ZM_0198_B2_C05	ZM_0198_B2_C05_T7C	
22147	ZM_0198_B2_C06	ZM_0198_B2_C06_T7C	
22148	ZM_0198_B2_C07	ZM_0198_B2_C07_T7C	
22149	ZM_0198_B2_C08	ZM_0198_B2_C08_T7C	
22150	ZM_0198_B2_C09	ZM_0198_B2_C09_T7C	
22151	ZM_0198_B2_C10	ZM_0198_B2_C10_T7C	
22152	ZM_0198_B2_C11	ZM_0198_B2_C11_T7C	
22153	ZM_0198_B2_C12	ZM_0198_B2_C12_T7C	
22154	ZM_0198_B2_D01	ZM_0198_B2_D01_T7C	
22155	ZM_0198_B2_D02	ZM_0198_B2_D02_T7C	
22156	ZM_0198_B2_D03	ZM_0198_B2_D03_T7C	
22157	ZM_0198_B2_D06	ZM_0198_B2_D06_T7C	
22158	ZM_0198_B2_D07	ZM_0198_B2_D07_T7C	
22159	ZM_0198_B2_D08	ZM_0198_B2_D08_T7C	
22160	ZM_0198_B2_D10	ZM_0198_B2_D10_T7C	
22161	ZM_0198_B2_D11	ZM_0198_B2_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22162	ZM_0198_B2_D12	ZM_0198_B2_D12_T7C	
22163	ZM_0198_B2_E01	ZM_0198_B2_E01_T7C	
22164	ZM_0198_B2_E02	ZM_0198_B2_E02_T7C	
22165	ZM_0198_B2_E03	ZM_0198_B2_E03_T7C	
22166	ZM_0198_B2_E05	ZM_0198_B2_E05_T7C	
22167	ZM_0198_B2_E06	ZM_0198_B2_E06_T7C	
22168	ZM_0198_B2_E07	ZM_0198_B2_E07_T7C	
22169	ZM_0198_B2_E08	ZM_0198_B2_E08_T7C	
22170	ZM_0198_B2_E09	ZM_0198_B2_E09_T7C	
22171	ZM_0198_B2_E10	ZM_0198_B2_E10_T7C	
22172	ZM_0198_B2_E11	ZM_0198_B2_E11_T7C	
22173	ZM_0198_B2_E12	ZM_0198_B2_E12_T7C	
22174	ZM_0198_B2_F01	ZM_0198_B2_F01_T7C	
22175	ZM_0198_B2_F02	ZM_0198_B2_F02_T7C	
22176	ZM_0198_B2_F03	ZM_0198_B2_F03_T7C	
22177	ZM_0198_B2_F04	ZM_0198_B2_F04_T7C	
22178	ZM_0198_B2_F05	ZM_0198_B2_F05_T7C	
22179	ZM_0198_B2_F06	ZM_0198_B2_F06_T7C	
22180	ZM_0198_B2_F07	ZM_0198_B2_F07_T7C	
22181	ZM_0198_B2_F08	ZM_0198_B2_F08_T7C	
22182	ZM_0198_B2_F09	ZM_0198_B2_F09_T7C	
22183	ZM_0198_B2_F10	ZM_0198_B2_F10_T7C	
22184	ZM_0198_B2_F11	ZM_0198_B2_F11_T7C	
22185	ZM_0198_B2_F12	ZM_0198_B2_F12_T7C	
22186	ZM_0198_B2_G01	ZM_0198_B2_G01_T7C	
22187	ZM_0198_B2_G02	ZM_0198_B2_G02_T7C	
22188	ZM_0198_B2_G03	ZM_0198_B2_G03_T7C	
22189	ZM_0198_B2_G04	ZM_0198_B2_G04_T7C	
22190	ZM_0198_B2_G05	ZM_0198_B2_G05_T7C	
22191	ZM_0198_B2_G06	ZM_0198_B2_G06_T7C	
22192	ZM_0198_B2_G07	ZM_0198_B2_G07_T7C	
22193	ZM_0198_B2_G08	ZM_0198_B2_G08_T7C	
22194	ZM_0198_B2_G09	ZM_0198_B2_G09_T7C	
22195	ZM_0198_B2_G10	ZM_0198_B2_G10_T7C	
22196	ZM_0198_B2_G11	ZM_0198_B2_G11_T7C	
22197	ZM_0198_B2_G12	ZM_0198_B2_G12_T7C	
22198	ZM_0198_B2_H02	ZM_0198_B2_H02_T7C	
22199	ZM_0198_B2_H03	ZM_0198_B2_H03_T7C	
22200	ZM_0198_B2_H04	ZM_0198_B2_H04_T7C	
22201	ZM_0198_B2_H05	ZM_0198_B2_H05_T7C	
22202	ZM_0198_B2_H07	ZM_0198_B2_H07_T7C	
22203	ZM_0198_B2_H08	ZM_0198_B2_H08_T7C	
22204	ZM_0198_B2_H09	ZM_0198_B2_H09_T7C	
22205	ZM_0198_B2_H10	ZM_0198_B2_H10_T7C	
22206	ZM_0198_B2_H11	ZM_0198_B2_H11_T7C	
22207	ZM_0198_B2_H12	ZM_0198_B2_H12_T7C	
22208	ZM_0199_A2_A02	ZM_0199_A2_A02_MF	
22209	ZM_0199_A2_A03	ZM_0199_A2_A03_MF	
22210	ZM_0199_A2_A04	ZM_0199_A2_A04_MF	
22211	ZM_0199_A2_A05	ZM_0199_A2_A05_MF	
22212	ZM_0199_A2_A06	ZM_0199_A2_A06_MF	
22213	ZM_0199_A2_A07	ZM_0199_A2_A07_MF	
22214	ZM_0199_A2_A08	ZM_0199_A2_A08_MF	
22215	ZM_0199_A2_A09	ZM_0199_A2_A09_MF	
22216	ZM_0199_A2_A10	ZM_0199_A2_A10_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22217	ZM_0199_A2_A11	ZM_0199_A2_A11_MF	
22218	ZM_0199_A2_A12	ZM_0199_A2_A12_MF	
22219	ZM_0199_A2_B01	ZM_0199_A2_B01_MF	
22220	ZM_0199_A2_B02	ZM_0199_A2_B02_MF	
22221	ZM_0199_A2_B03	ZM_0199_A2_B03_MF	
22222	ZM_0199_A2_B04	ZM_0199_A2_B04_MF	
22223	ZM_0199_A2_B05	ZM_0199_A2_B05_MF	
22224	ZM_0199_A2_B06	ZM_0199_A2_B06_MF	
22225	ZM_0199_A2_B07	ZM_0199_A2_B07_MF	
22226	ZM_0199_A2_B08	ZM_0199_A2_B08_MF	
22227	ZM_0199_A2_B09	ZM_0199_A2_B09_MF	
22228	ZM_0199_A2_B10	ZM_0199_A2_B10_MF	
22229	ZM_0199_A2_B11	ZM_0199_A2_B11_MF	
22230	ZM_0199_A2_B12	ZM_0199_A2_B12_MF	
22231	ZM_0199_A2_C01	ZM_0199_A2_C01_MF	
22232	ZM_0199_A2_C02	ZM_0199_A2_C02_MF	
22233	ZM_0199_A2_C03	ZM_0199_A2_C03_MF	
22234	ZM_0199_A2_C04	ZM_0199_A2_C04_MF	
22235	ZM_0199_A2_C05	ZM_0199_A2_C05_MF	
22236	ZM_0199_A2_C06	ZM_0199_A2_C06_MF	
22237	ZM_0199_A2_C07	ZM_0199_A2_C07_MF	
22238	ZM_0199_A2_C08	ZM_0199_A2_C08_MF	
22239	ZM_0199_A2_C09	ZM_0199_A2_C09_MF	
22240	ZM_0199_A2_C10	ZM_0199_A2_C10_MF	
22241	ZM_0199_A2_C11	ZM_0199_A2_C11_MF	
22242	ZM_0199_A2_C12	ZM_0199_A2_C12_MF	
22243	ZM_0199_A2_D01	ZM_0199_A2_D01_MF	
22244	ZM_0199_A2_D02	ZM_0199_A2_D02_MF	
22245	ZM_0199_A2_D03	ZM_0199_A2_D03_MF	
22246	ZM_0199_A2_D04	ZM_0199_A2_D04_MF	
22247	ZM_0199_A2_D05	ZM_0199_A2_D05_MF	
22248	ZM_0199_A2_D06	ZM_0199_A2_D06_MF	
22249	ZM_0199_A2_D07	ZM_0199_A2_D07_MF	
22250	ZM_0199_A2_D08	ZM_0199_A2_D08_MF	
22251	ZM_0199_A2_D09	ZM_0199_A2_D09_MF	
22252	ZM_0199_A2_D10	ZM_0199_A2_D10_MF	
22253	ZM_0199_A2_D11	ZM_0199_A2_D11_MF	
22254	ZM_0199_A2_D12	ZM_0199_A2_D12_MF	
22255	ZM_0199_A2_E02	ZM_0199_A2_E02_MF	
22256	ZM_0199_A2_E03	ZM_0199_A2_E03_MF	
22257	ZM_0199_A2_E04	ZM_0199_A2_E04_MF	
22258	ZM_0199_A2_E05	ZM_0199_A2_E05_MF	
22259	ZM_0199_A2_E06	ZM_0199_A2_E06_MF	
22260	ZM_0199_A2_E07	ZM_0199_A2_E07_MF	
22261	ZM_0199_A2_E08	ZM_0199_A2_E08_MF	
22262	ZM_0199_A2_E10	ZM_0199_A2_E10_MF	
22263	ZM_0199_A2_E11	ZM_0199_A2_E11_MF	
22264	ZM_0199_A2_E12	ZM_0199_A2_E12_MF	
22265	ZM_0199_A2_F01	ZM_0199_A2_F01_MF	
22266	ZM_0199_A2_F02	ZM_0199_A2_F02_MF	
22267	ZM_0199_A2_F03	ZM_0199_A2_F03_MF	
22268	ZM_0199_A2_F04	ZM_0199_A2_F04_MF	
22269	ZM_0199_A2_F05	ZM_0199_A2_F05_MF	
22270	ZM_0199_A2_F06	ZM_0199_A2_F06_MF	
22271	ZM_0199_A2_F07	ZM_0199_A2_F07_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22272	ZM_0199_A2_F08	ZM_0199_A2_F08_MF	
22273	ZM_0199_A2_F09	ZM_0199_A2_F09_MF	
22274	ZM_0199_A2_F11	ZM_0199_A2_F11_MF	
22275	ZM_0199_A2_F12	ZM_0199_A2_F12_MF	
22276	ZM_0199_A2_G01	ZM_0199_A2_G01_MF	
22277	ZM_0199_A2_G02	ZM_0199_A2_G02_MF	
22278	ZM_0199_A2_G03	ZM_0199_A2_G03_MF	
22279	ZM_0199_A2_G04	ZM_0199_A2_G04_MF	
22280	ZM_0199_A2_G05	ZM_0199_A2_G05_MF	
22281	ZM_0199_A2_G06	ZM_0199_A2_G06_MF	
22282	ZM_0199_A2_G07	ZM_0199_A2_G07_MF	
22283	ZM_0199_A2_G08	ZM_0199_A2_G08_MF	
22284	ZM_0199_A2_G10	ZM_0199_A2_G10_MF	
22285	ZM_0199_A2_G11	ZM_0199_A2_G11_MF	
22286	ZM_0199_A2_G12	ZM_0199_A2_G12_MF	
22287	ZM_0199_A2_H01	ZM_0199_A2_H01_MF	
22288	ZM_0199_A2_H02	ZM_0199_A2_H02_MF	
22289	ZM_0199_A2_H03	ZM_0199_A2_H03_MF	
22290	ZM_0199_A2_H05	ZM_0199_A2_H05_MF	
22291	ZM_0199_A2_H06	ZM_0199_A2_H06_MF	
22292	ZM_0199_A2_H07	ZM_0199_A2_H07_MF	
22293	ZM_0199_A2_H08	ZM_0199_A2_H08_MF	
22294	ZM_0199_A2_H09	ZM_0199_A2_H09_MF	
22295	ZM_0199_A2_H10	ZM_0199_A2_H10_MF	
22296	ZM_0199_A2_H11	ZM_0199_A2_H11_MF	
22297	ZM_0199_A2_H12	ZM_0199_A2_H12_MF	
22298	ZM_0199_B1_A01	ZM_0199_B1_A01_T7C	
22299	ZM_0199_B1_A05	ZM_0199_B1_A05_T7C	
22300	ZM_0199_B1_A06	ZM_0199_B1_A06_T7C	
22301	ZM_0199_B1_A07	ZM_0199_B1_A07_T7C	
22302	ZM_0199_B1_A08	ZM_0199_B1_A08_T7C	
22303	ZM_0199_B1_A09	ZM_0199_B1_A09_T7C	
22304	ZM_0199_B1_A10	ZM_0199_B1_A10_T7C	
22305	ZM_0199_B1_B01	ZM_0199_B1_B01_T7C	
22306	ZM_0199_B1_B04	ZM_0199_B1_B04_T7C	
22307	ZM_0199_B1_B05	ZM_0199_B1_B05_T7C	
22308	ZM_0199_B1_B07	ZM_0199_B1_B07_T7C	
22309	ZM_0199_B1_B08	ZM_0199_B1_B08_T7C	
22310	ZM_0199_B1_B10	ZM_0199_B1_B10_T7C	
22311	ZM_0199_B1_B11	ZM_0199_B1_B11_T7C	
22312	ZM_0199_B1_B12	ZM_0199_B1_B12_T7C	
22313	ZM_0199_B1_C01	ZM_0199_B1_C01_T7C	
22314	ZM_0199_B1_C02	ZM_0199_B1_C02_T7C	
22315	ZM_0199_B1_C04	ZM_0199_B1_C04_T7C	
22316	ZM_0199_B1_C05	ZM_0199_B1_C05_T7C	
22317	ZM_0199_B1_C07	ZM_0199_B1_C07_T7C	
22318	ZM_0199_B1_C08	ZM_0199_B1_C08_T7C	
22319	ZM_0199_B1_C09	ZM_0199_B1_C09_T7C	
22320	ZM_0199_B1_C10	ZM_0199_B1_C10_T7C	
22321	ZM_0199_B1_C11	ZM_0199_B1_C11_T7C	
22322	ZM_0199_B1_C12	ZM_0199_B1_C12_T7C	
22323	ZM_0199_B1_D01	ZM_0199_B1_D01_T7C	
22324	ZM_0199_B1_D02	ZM_0199_B1_D02_T7C	
22325	ZM_0199_B1_D04	ZM_0199_B1_D04_T7C	
22326	ZM_0199_B1_D05	ZM_0199_B1_D05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22327	ZM_0199_B1_D06	ZM_0199_B1_D06_T7C	
22328	ZM_0199_B1_D07	ZM_0199_B1_D07_T7C	
22329	ZM_0199_B1_D08	ZM_0199_B1_D08_T7C	
22330	ZM_0199_B1_D09	ZM_0199_B1_D09_T7C	
22331	ZM_0199_B1_D10	ZM_0199_B1_D10_T7C	
22332	ZM_0199_B1_D11	ZM_0199_B1_D11_T7C	
22333	ZM_0199_B1_D12	ZM_0199_B1_D12_T7C	
22334	ZM_0199_B1_E01	ZM_0199_B1_E01_T7C	
22335	ZM_0199_B1_E02	ZM_0199_B1_E02_T7C	
22336	ZM_0199_B1_E03	ZM_0199_B1_E03_T7C	
22337	ZM_0199_B1_E04	ZM_0199_B1_E04_T7C	
22338	ZM_0199_B1_E05	ZM_0199_B1_E05_T7C	
22339	ZM_0199_B1_E06	ZM_0199_B1_E06_T7C	
22340	ZM_0199_B1_E08	ZM_0199_B1_E08_T7C	
22341	ZM_0199_B1_E09	ZM_0199_B1_E09_T7C	
22342	ZM_0199_B1_E10	ZM_0199_B1_E10_T7C	
22343	ZM_0199_B1_E11	ZM_0199_B1_E11_T7C	
22344	ZM_0199_B1_E12	ZM_0199_B1_E12_T7C	
22345	ZM_0199_B1_F01	ZM_0199_B1_F01_T7C	
22346	ZM_0199_B1_F03	ZM_0199_B1_F03_T7C	
22347	ZM_0199_B1_F04	ZM_0199_B1_F04_T7C	
22348	ZM_0199_B1_F07	ZM_0199_B1_F07_T7C	
22349	ZM_0199_B1_F08	ZM_0199_B1_F08_T7C	
22350	ZM_0199_B1_F10	ZM_0199_B1_F10_T7C	
22351	ZM_0199_B1_F11	ZM_0199_B1_F11_T7C	
22352	ZM_0199_B1_F12	ZM_0199_B1_F12_T7C	
22353	ZM_0199_B1_G01	ZM_0199_B1_G01_T7C	
22354	ZM_0199_B1_G02	ZM_0199_B1_G02_T7C	
22355	ZM_0199_B1_G03	ZM_0199_B1_G03_T7C	
22356	ZM_0199_B1_G04	ZM_0199_B1_G04_T7C	
22357	ZM_0199_B1_G05	ZM_0199_B1_G05_T7C	
22358	ZM_0199_B1_G06	ZM_0199_B1_G06_T7C	
22359	ZM_0199_B1_G07	ZM_0199_B1_G07_T7C	
22360	ZM_0199_B1_G08	ZM_0199_B1_G08_T7C	
22361	ZM_0199_B1_G10	ZM_0199_B1_G10_T7C	
22362	ZM_0199_B1_G12	ZM_0199_B1_G12_T7C	
22363	ZM_0199_B1_H03	ZM_0199_B1_H03_T7C	
22364	ZM_0199_B1_H05	ZM_0199_B1_H05_T7C	
22365	ZM_0199_B1_H07	ZM_0199_B1_H07_T7C	
22366	ZM_0199_B1_H08	ZM_0199_B1_H08_T7C	
22367	ZM_0199_B1_H09	ZM_0199_B1_H09_T7C	
22368	ZM_0199_B1_H10	ZM_0199_B1_H10_T7C	
22369	ZM_0199_B1_H11	ZM_0199_B1_H11_T7C	
22370	ZM_0199_B1_H12	ZM_0199_B1_H12_T7C	
22371	ZM_0199_B2_A01	ZM_0199_B2_A01_T7C	
22372	ZM_0199_B2_A01		ZM_0199_B2_A01_MR
22373	ZM_0199_B2_A02	ZM_0199_B2_A02_T7C	
22374	ZM_0199_B2_A02		ZM_0199_B2_A02_MR
22375	ZM_0199_B2_A03	ZM_0199_B2_A03_T7C	
22376	ZM_0199_B2_A03		ZM_0199_B2_A03_MR
22377	ZM_0199_B2_A04	ZM_0199_B2_A04_T7C	
22378	ZM_0199_B2_A04		ZM_0199_B2_A04_MR
22379	ZM_0199_B2_A06	ZM_0199_B2_A06_T7C	
22380	ZM_0199_B2_A07	ZM_0199_B2_A07_T7C	
22381	ZM_0199_B2_A07		ZM_0199_B2_A07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22382	ZM_0199_B2_A08	ZM_0199_B2_A08_T7C	
22383	ZM_0199_B2_A08		ZM_0199_B2_A08_MR
22384	ZM_0199_B2_A09	ZM_0199_B2_A09_T7C	
22385	ZM_0199_B2_A09		ZM_0199_B2_A09_MR
22386	ZM_0199_B2_A10	ZM_0199_B2_A10_T7C	
22387	ZM_0199_B2_A10		ZM_0199_B2_A10_MR
22388	ZM_0199_B2_A11	ZM_0199_B2_A11_T7C	
22389	ZM_0199_B2_A11		ZM_0199_B2_A11_MR
22390	ZM_0199_B2_A12	ZM_0199_B2_A12_T7C	
22391	ZM_0199_B2_A12		ZM_0199_B2_A12_MR
22392	ZM_0199_B2_B01	ZM_0199_B2_B01_T7C	
22393	ZM_0199_B2_B01		ZM_0199_B2_B01_MR
22394	ZM_0199_B2_B02	ZM_0199_B2_B02_T7C	
22395	ZM_0199_B2_B02		ZM_0199_B2_B02_MR
22396	ZM_0199_B2_B03	ZM_0199_B2_B03_T7C	
22397	ZM_0199_B2_B03		ZM_0199_B2_B03_MR
22398	ZM_0199_B2_B04	ZM_0199_B2_B04_T7C	
22399	ZM_0199_B2_B04		ZM_0199_B2_B04_MR
22400	ZM_0199_B2_B05	ZM_0199_B2_B05_T7C	
22401	ZM_0199_B2_B06	ZM_0199_B2_B06_T7C	
22402	ZM_0199_B2_B06		ZM_0199_B2_B06_MR
22403	ZM_0199_B2_B07	ZM_0199_B2_B07_T7C	
22404	ZM_0199_B2_B07		ZM_0199_B2_B07_MR
22405	ZM_0199_B2_B08	ZM_0199_B2_B08_T7C	
22406	ZM_0199_B2_B08		ZM_0199_B2_B08_MR
22407	ZM_0199_B2_B09	ZM_0199_B2_B09_T7C	
22408	ZM_0199_B2_B09		ZM_0199_B2_B09_MR
22409	ZM_0199_B2_B10	ZM_0199_B2_B10_T7C	
22410	ZM_0199_B2_B10		ZM_0199_B2_B10_MR
22411	ZM_0199_B2_B11	ZM_0199_B2_B11_T7C	
22412	ZM_0199_B2_B11		ZM_0199_B2_B11_MR
22413	ZM_0199_B2_B12	ZM_0199_B2_B12_T7C	
22414	ZM_0199_B2_C01	ZM_0199_B2_C01_T7C	
22415	ZM_0199_B2_C01		ZM_0199_B2_C01_MR
22416	ZM_0199_B2_C02	ZM_0199_B2_C02_T7C	
22417	ZM_0199_B2_C02		ZM_0199_B2_C02_MR
22418	ZM_0199_B2_C03	ZM_0199_B2_C03_T7C	
22419	ZM_0199_B2_C03		ZM_0199_B2_C03_MR
22420	ZM_0199_B2_C04		ZM_0199_B2_C04_MR
22421	ZM_0199_B2_C05	ZM_0199_B2_C05_T7C	
22422	ZM_0199_B2_C05		ZM_0199_B2_C05_MR
22423	ZM_0199_B2_C06	ZM_0199_B2_C06_T7C	
22424	ZM_0199_B2_C06		ZM_0199_B2_C06_MR
22425	ZM_0199_B2_C07	ZM_0199_B2_C07_T7C	
22426	ZM_0199_B2_C07		ZM_0199_B2_C07_MR
22427	ZM_0199_B2_C08	ZM_0199_B2_C08_T7C	
22428	ZM_0199_B2_C08		ZM_0199_B2_C08_MR
22429	ZM_0199_B2_C09	ZM_0199_B2_C09_T7C	
22430	ZM_0199_B2_C09		ZM_0199_B2_C09_MR
22431	ZM_0199_B2_C10	ZM_0199_B2_C10_T7C	
22432	ZM_0199_B2_C10		ZM_0199_B2_C10_MR
22433	ZM_0199_B2_C11	ZM_0199_B2_C11_T7C	
22434	ZM_0199_B2_C11		ZM_0199_B2_C11_MR
22435	ZM_0199_B2_C12	ZM_0199_B2_C12_T7C	
22436	ZM_0199_B2_C12		ZM_0199_B2_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22437	ZM_0199_B2_D01	ZM_0199_B2_D01_T7C	
22438	ZM_0199_B2_D01		ZM_0199_B2_D01_MR
22439	ZM_0199_B2_D02	ZM_0199_B2_D02_T7C	
22440	ZM_0199_B2_D02		ZM_0199_B2_D02_MR
22441	ZM_0199_B2_D03	ZM_0199_B2_D03_T7C	
22442	ZM_0199_B2_D03		ZM_0199_B2_D03_MR
22443	ZM_0199_B2_D05	ZM_0199_B2_D05_T7C	
22444	ZM_0199_B2_D05		ZM_0199_B2_D05_MR
22445	ZM_0199_B2_D06	ZM_0199_B2_D06_T7C	
22446	ZM_0199_B2_D06		ZM_0199_B2_D06_MR
22447	ZM_0199_B2_D07	ZM_0199_B2_D07_T7C	
22448	ZM_0199_B2_D07		ZM_0199_B2_D07_MR
22449	ZM_0199_B2_D08	ZM_0199_B2_D08_T7C	
22450	ZM_0199_B2_D08		ZM_0199_B2_D08_MR
22451	ZM_0199_B2_D09	ZM_0199_B2_D09_T7C	
22452	ZM_0199_B2_D09		ZM_0199_B2_D09_MR
22453	ZM_0199_B2_D10	ZM_0199_B2_D10_T7C	
22454	ZM_0199_B2_D11	ZM_0199_B2_D11_T7C	
22455	ZM_0199_B2_D11		ZM_0199_B2_D11_MR
22456	ZM_0199_B2_D12	ZM_0199_B2_D12_T7C	
22457	ZM_0199_B2_D12		ZM_0199_B2_D12_MR
22458	ZM_0199_B2_E02	ZM_0199_B2_E02_T7C	
22459	ZM_0199_B2_E02		ZM_0199_B2_E02_MR
22460	ZM_0199_B2_E03	ZM_0199_B2_E03_T7C	
22461	ZM_0199_B2_E03		ZM_0199_B2_E03_MR
22462	ZM_0199_B2_E04	ZM_0199_B2_E04_T7C	
22463	ZM_0199_B2_E05	ZM_0199_B2_E05_T7C	
22464	ZM_0199_B2_E05		ZM_0199_B2_E05_MR
22465	ZM_0199_B2_E06	ZM_0199_B2_E06_T7C	
22466	ZM_0199_B2_E06		ZM_0199_B2_E06_MR
22467	ZM_0199_B2_E07	ZM_0199_B2_E07_T7C	
22468	ZM_0199_B2_E07		ZM_0199_B2_E07_MR
22469	ZM_0199_B2_E08	ZM_0199_B2_E08_T7C	
22470	ZM_0199_B2_E08		ZM_0199_B2_E08_MR
22471	ZM_0199_B2_E09	ZM_0199_B2_E09_T7C	
22472	ZM_0199_B2_E09		ZM_0199_B2_E09_MR
22473	ZM_0199_B2_E10	ZM_0199_B2_E10_T7C	
22474	ZM_0199_B2_E10		ZM_0199_B2_E10_MR
22475	ZM_0199_B2_E11	ZM_0199_B2_E11_T7C	
22476	ZM_0199_B2_E11		ZM_0199_B2_E11_MR
22477	ZM_0199_B2_E12	ZM_0199_B2_E12_T7C	
22478	ZM_0199_B2_F01	ZM_0199_B2_F01_T7C	
22479	ZM_0199_B2_F02		ZM_0199_B2_F02_MR
22480	ZM_0199_B2_F03		ZM_0199_B2_F03_MR
22481	ZM_0199_B2_F04	ZM_0199_B2_F04_T7C	
22482	ZM_0199_B2_F04		ZM_0199_B2_F04_MR
22483	ZM_0199_B2_F05	ZM_0199_B2_F05_T7C	
22484	ZM_0199_B2_F05		ZM_0199_B2_F05_MR
22485	ZM_0199_B2_F06	ZM_0199_B2_F06_T7C	
22486	ZM_0199_B2_F06		ZM_0199_B2_F06_MR
22487	ZM_0199_B2_F07	ZM_0199_B2_F07_T7C	
22488	ZM_0199_B2_F07		ZM_0199_B2_F07_MR
22489	ZM_0199_B2_F08	ZM_0199_B2_F08_T7C	
22490	ZM_0199_B2_F08		ZM_0199_B2_F08_MR
22491	ZM_0199_B2_F09	ZM_0199_B2_F09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22492	ZM_0199_B2_F09		ZM_0199_B2_F09_MR
22493	ZM_0199_B2_F10	ZM_0199_B2_F10_T7C	
22494	ZM_0199_B2_F10		ZM_0199_B2_F10_MR
22495	ZM_0199_B2_F11	ZM_0199_B2_F11_T7C	
22496	ZM_0199_B2_F11		ZM_0199_B2_F11_MR
22497	ZM_0199_B2_F12	ZM_0199_B2_F12_T7C	
22498	ZM_0199_B2_F12		ZM_0199_B2_F12_MR
22499	ZM_0199_B2_G01	ZM_0199_B2_G01_T7C	
22500	ZM_0199_B2_G01		ZM_0199_B2_G01_MR
22501	ZM_0199_B2_G02	ZM_0199_B2_G02_T7C	
22502	ZM_0199_B2_G02		ZM_0199_B2_G02_MR
22503	ZM_0199_B2_G03	ZM_0199_B2_G03_T7C	
22504	ZM_0199_B2_G03		ZM_0199_B2_G03_MR
22505	ZM_0199_B2_G04		ZM_0199_B2_G04_MR
22506	ZM_0199_B2_G06	ZM_0199_B2_G06_T7C	
22507	ZM_0199_B2_G06		ZM_0199_B2_G06_MR
22508	ZM_0199_B2_G07	ZM_0199_B2_G07_T7C	
22509	ZM_0199_B2_G07		ZM_0199_B2_G07_MR
22510	ZM_0199_B2_G08	ZM_0199_B2_G08_T7C	
22511	ZM_0199_B2_G08		ZM_0199_B2_G08_MR
22512	ZM_0199_B2_G09	ZM_0199_B2_G09_T7C	
22513	ZM_0199_B2_G09		ZM_0199_B2_G09_MR
22514	ZM_0199_B2_G10	ZM_0199_B2_G10_T7C	
22515	ZM_0199_B2_G11	ZM_0199_B2_G11_T7C	
22516	ZM_0199_B2_G11		ZM_0199_B2_G11_MR
22517	ZM_0199_B2_G12	ZM_0199_B2_G12_T7C	
22518	ZM_0199_B2_H01	ZM_0199_B2_H01_T7C	
22519	ZM_0199_B2_H01		ZM_0199_B2_H01_MR
22520	ZM_0199_B2_H02	ZM_0199_B2_H02_T7C	
22521	ZM_0199_B2_H02		ZM_0199_B2_H02_MR
22522	ZM_0199_B2_H03	ZM_0199_B2_H03_T7C	
22523	ZM_0199_B2_H03		ZM_0199_B2_H03_MR
22524	ZM_0199_B2_H04	ZM_0199_B2_H04_T7C	
22525	ZM_0199_B2_H04		ZM_0199_B2_H04_MR
22526	ZM_0199_B2_H05	ZM_0199_B2_H05_T7C	
22527	ZM_0199_B2_H05		ZM_0199_B2_H05_MR
22528	ZM_0199_B2_H06	ZM_0199_B2_H06_T7C	
22529	ZM_0199_B2_H06		ZM_0199_B2_H06_MR
22530	ZM_0199_B2_H07	ZM_0199_B2_H07_T7C	
22531	ZM_0199_B2_H07		ZM_0199_B2_H07_MR
22532	ZM_0199_B2_H08	ZM_0199_B2_H08_T7C	
22533	ZM_0199_B2_H09	ZM_0199_B2_H09_T7C	
22534	ZM_0199_B2_H09		ZM_0199_B2_H09_MR
22535	ZM_0199_B2_H10	ZM_0199_B2_H10_T7C	
22536	ZM_0199_B2_H10		ZM_0199_B2_H10_MR
22537	ZM_0199_B2_H11	ZM_0199_B2_H11_T7C	
22538	ZM_0199_B2_H11		ZM_0199_B2_H11_MR
22539	ZM_0199_B2_H12	ZM_0199_B2_H12_T7C	
22540	ZM_019_A1_A01	ZM_019_A1_A01_T7C	
22541	ZM_019_A1_A01		ZM_019_A1_A01_MR
22542	ZM_019_A1_A02		ZM_019_A1_A02_MR
22543	ZM_019_A1_A07		ZM_019_A1_A07_MR
22544	ZM_019_A1_A08	ZM_019_A1_A08_T7C	
22545	ZM_019_A1_A08		ZM_019_A1_A08_MR
22546	ZM_019_A1_A10	ZM_019_A1_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22547	ZM_019_A1_A10		ZM_019_A1_A10_MR
22548	ZM_019_A1_B01		ZM_019_A1_B01_MR
22549	ZM_019_A1_B05		ZM_019_A1_B05_MR
22550	ZM_019_A1_B08	ZM_019_A1_B08_T7C	
22551	ZM_019_A1_B09		ZM_019_A1_B09_MR
22552	ZM_019_A1_B10	ZM_019_A1_B10_T7C	
22553	ZM_019_A1_B10		ZM_019_A1_B10_MR
22554	ZM_019_A1_B12	ZM_019_A1_B12_T7C	
22555	ZM_019_A1_C01	ZM_019_A1_C01_T7C	
22556	ZM_019_A1_C01		ZM_019_A1_C01_MR
22557	ZM_019_A1_C04	ZM_019_A1_C04_T7C	
22558	ZM_019_A1_C06		ZM_019_A1_C06_MR
22559	ZM_019_A1_C08	ZM_019_A1_C08_T7C	
22560	ZM_019_A1_C08		ZM_019_A1_C08_MR
22561	ZM_019_A1_C09		ZM_019_A1_C09_MR
22562	ZM_019_A1_C10		ZM_019_A1_C10_MR
22563	ZM_019_A1_C11	ZM_019_A1_C11_T7C	
22564	ZM_019_A1_C12		ZM_019_A1_C12_MR
22565	ZM_019_A1_D01	ZM_019_A1_D01_T7C	
22566	ZM_019_A1_D02		ZM_019_A1_D02_MR
22567	ZM_019_A1_D03		ZM_019_A1_D03_MR
22568	ZM_019_A1_D05	ZM_019_A1_D05_T7C	
22569	ZM_019_A1_D05		ZM_019_A1_D05_MR
22570	ZM_019_A1_D06	ZM_019_A1_D06_T7C	
22571	ZM_019_A1_D07		ZM_019_A1_D07_MR
22572	ZM_019_A1_D08	ZM_019_A1_D08_T7C	
22573	ZM_019_A1_D08		ZM_019_A1_D08_MR
22574	ZM_019_A1_D09		ZM_019_A1_D09_MR
22575	ZM_019_A1_D10	ZM_019_A1_D10_T7C	
22576	ZM_019_A1_D10		ZM_019_A1_D10_MR
22577	ZM_019_A1_D12		ZM_019_A1_D12_MR
22578	ZM_019_A1_E01	ZM_019_A1_E01_T7C	
22579	ZM_019_A1_E02	ZM_019_A1_E02_T7C	
22580	ZM_019_A1_E03		ZM_019_A1_E03_MR
22581	ZM_019_A1_E04		ZM_019_A1_E04_MR
22582	ZM_019_A1_E07		ZM_019_A1_E07_MR
22583	ZM_019_A1_E08	ZM_019_A1_E08_T7C	
22584	ZM_019_A1_E08		ZM_019_A1_E08_MR
22585	ZM_019_A1_E09		ZM_019_A1_E09_MR
22586	ZM_019_A1_E10		ZM_019_A1_E10_MR
22587	ZM_019_A1_E11		ZM_019_A1_E11_MR
22588	ZM_019_A1_E12		ZM_019_A1_E12_MR
22589	ZM_019_A1_F01	ZM_019_A1_F01_T7C	
22590	ZM_019_A1_F01		ZM_019_A1_F01_MR
22591	ZM_019_A1_F02	ZM_019_A1_F02_T7C	
22592	ZM_019_A1_F06		ZM_019_A1_F06_MR
22593	ZM_019_A1_F08	ZM_019_A1_F08_T7C	
22594	ZM_019_A1_F08		ZM_019_A1_F08_MR
22595	ZM_019_A1_F09		ZM_019_A1_F09_MR
22596	ZM_019_A1_F10	ZM_019_A1_F10_T7C	
22597	ZM_019_A1_F10		ZM_019_A1_F10_MR
22598	ZM_019_A1_F12	ZM_019_A1_F12_T7C	
22599	ZM_019_A1_F12		ZM_019_A1_F12_MR
22600	ZM_019_A1_G01		ZM_019_A1_G01_MR
22601	ZM_019_A1_G02	ZM_019_A1_G02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22602	ZM_019_A1_G03		ZM_019_A1_G03_MR
22603	ZM_019_A1_G04		ZM_019_A1_G04_MR
22604	ZM_019_A1_G05	ZM_019_A1_G05_T7C	
22605	ZM_019_A1_G05		ZM_019_A1_G05_MR
22606	ZM_019_A1_G08		ZM_019_A1_G08_MR
22607	ZM_019_A1_G09		ZM_019_A1_G09_MR
22608	ZM_019_A1_G10		ZM_019_A1_G10_MR
22609	ZM_019_A1_G11		ZM_019_A1_G11_MR
22610	ZM_019_A1_G12	ZM_019_A1_G12_T7C	
22611	ZM_019_A1_G12		ZM_019_A1_G12_MR
22612	ZM_019_A1_H01	ZM_019_A1_H01_T7C	
22613	ZM_019_A1_H01		ZM_019_A1_H01_MR
22614	ZM_019_A1_H03		ZM_019_A1_H03_MR
22615	ZM_019_A1_H04		ZM_019_A1_H04_MR
22616	ZM_019_A1_H05	ZM_019_A1_H05_T7C	
22617	ZM_019_A1_H05		ZM_019_A1_H05_MR
22618	ZM_019_A1_H10		ZM_019_A1_H10_MR
22619	ZM_019_A1_H12	ZM_019_A1_H12_T7C	
22620	ZM_019_A1_H12		ZM_019_A1_H12_MR
22621	ZM_019_A2_A01	ZM_019_A2_A01_T7C	
22622	ZM_019_A2_A01		ZM_019_A2_A01_MR
22623	ZM_019_A2_A02	ZM_019_A2_A02_T7C	
22624	ZM_019_A2_A02		ZM_019_A2_A02_MR
22625	ZM_019_A2_A03	ZM_019_A2_A03_T7C	
22626	ZM_019_A2_A03		ZM_019_A2_A03_MR
22627	ZM_019_A2_A04	ZM_019_A2_A04_T7C	
22628	ZM_019_A2_A04		ZM_019_A2_A04_MR
22629	ZM_019_A2_A05	ZM_019_A2_A05_T7C	
22630	ZM_019_A2_A05		ZM_019_A2_A05_MR
22631	ZM_019_A2_A06	ZM_019_A2_A06_T7C	
22632	ZM_019_A2_A07	ZM_019_A2_A07_T7C	
22633	ZM_019_A2_A07		ZM_019_A2_A07_MR
22634	ZM_019_A2_A08	ZM_019_A2_A08_T7C	
22635	ZM_019_A2_A08		ZM_019_A2_A08_MR
22636	ZM_019_A2_A09		ZM_019_A2_A09_MR
22637	ZM_019_A2_A10	ZM_019_A2_A10_T7C	
22638	ZM_019_A2_A10		ZM_019_A2_A10_MR
22639	ZM_019_A2_A11	ZM_019_A2_A11_T7C	
22640	ZM_019_A2_A12	ZM_019_A2_A12_T7C	
22641	ZM_019_A2_A12		ZM_019_A2_A12_MR
22642	ZM_019_A2_B01	ZM_019_A2_B01_T7C	
22643	ZM_019_A2_B01		ZM_019_A2_B01_MR
22644	ZM_019_A2_B02	ZM_019_A2_B02_T7C	
22645	ZM_019_A2_B02		ZM_019_A2_B02_MR
22646	ZM_019_A2_B03	ZM_019_A2_B03_T7C	
22647	ZM_019_A2_B03		ZM_019_A2_B03_MR
22648	ZM_019_A2_B04	ZM_019_A2_B04_T7C	
22649	ZM_019_A2_B04		ZM_019_A2_B04_MR
22650	ZM_019_A2_B05	ZM_019_A2_B05_T7C	
22651	ZM_019_A2_B05		ZM_019_A2_B05_MR
22652	ZM_019_A2_B06	ZM_019_A2_B06_T7C	
22653	ZM_019_A2_B06		ZM_019_A2_B06_MR
22654	ZM_019_A2_B07	ZM_019_A2_B07_T7C	
22655	ZM_019_A2_B07		ZM_019_A2_B07_MR
22656	ZM_019_A2_B08		ZM_019_A2_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22657	ZM_019_A2_B09	ZM_019_A2_B09_T7C	
22658	ZM_019_A2_B09		ZM_019_A2_B09_MR
22659	ZM_019_A2_B10	ZM_019_A2_B10_T7C	
22660	ZM_019_A2_B10		ZM_019_A2_B10_MR
22661	ZM_019_A2_B11	ZM_019_A2_B11_T7C	
22662	ZM_019_A2_B11		ZM_019_A2_B11_MR
22663	ZM_019_A2_B12	ZM_019_A2_B12_T7C	
22664	ZM_019_A2_B12		ZM_019_A2_B12_MR
22665	ZM_019_A2_C01	ZM_019_A2_C01_T7C	
22666	ZM_019_A2_C01		ZM_019_A2_C01_MR
22667	ZM_019_A2_C02	ZM_019_A2_C02_T7C	
22668	ZM_019_A2_C02		ZM_019_A2_C02_MR
22669	ZM_019_A2_C03	ZM_019_A2_C03_T7C	
22670	ZM_019_A2_C03		ZM_019_A2_C03_MR
22671	ZM_019_A2_C04	ZM_019_A2_C04_T7C	
22672	ZM_019_A2_C04		ZM_019_A2_C04_MR
22673	ZM_019_A2_C05	ZM_019_A2_C05_T7C	
22674	ZM_019_A2_C05		ZM_019_A2_C05_MR
22675	ZM_019_A2_C07		ZM_019_A2_C07_MR
22676	ZM_019_A2_C08	ZM_019_A2_C08_T7C	
22677	ZM_019_A2_C08		ZM_019_A2_C08_MR
22678	ZM_019_A2_C09	ZM_019_A2_C09_T7C	
22679	ZM_019_A2_C09		ZM_019_A2_C09_MR
22680	ZM_019_A2_C10	ZM_019_A2_C10_T7C	
22681	ZM_019_A2_C10		ZM_019_A2_C10_MR
22682	ZM_019_A2_C11	ZM_019_A2_C11_T7C	
22683	ZM_019_A2_C11		ZM_019_A2_C11_MR
22684	ZM_019_A2_C12	ZM_019_A2_C12_T7C	
22685	ZM_019_A2_C12		ZM_019_A2_C12_MR
22686	ZM_019_A2_D01	ZM_019_A2_D01_T7C	
22687	ZM_019_A2_D01		ZM_019_A2_D01_MR
22688	ZM_019_A2_D02	ZM_019_A2_D02_T7C	
22689	ZM_019_A2_D02		ZM_019_A2_D02_MR
22690	ZM_019_A2_D03	ZM_019_A2_D03_T7C	
22691	ZM_019_A2_D03		ZM_019_A2_D03_MR
22692	ZM_019_A2_D04		ZM_019_A2_D04_MR
22693	ZM_019_A2_D05	ZM_019_A2_D05_T7C	
22694	ZM_019_A2_D05		ZM_019_A2_D05_MR
22695	ZM_019_A2_D06	ZM_019_A2_D06_T7C	
22696	ZM_019_A2_D06		ZM_019_A2_D06_MR
22697	ZM_019_A2_D07	ZM_019_A2_D07_T7C	
22698	ZM_019_A2_D07		ZM_019_A2_D07_MR
22699	ZM_019_A2_D08		ZM_019_A2_D08_MR
22700	ZM_019_A2_D09	ZM_019_A2_D09_T7C	
22701	ZM_019_A2_D09		ZM_019_A2_D09_MR
22702	ZM_019_A2_D10	ZM_019_A2_D10_T7C	
22703	ZM_019_A2_D10		ZM_019_A2_D10_MR
22704	ZM_019_A2_D11	ZM_019_A2_D11_T7C	
22705	ZM_019_A2_D11		ZM_019_A2_D11_MR
22706	ZM_019_A2_D12	ZM_019_A2_D12_T7C	
22707	ZM_019_A2_D12		ZM_019_A2_D12_MR
22708	ZM_019_A2_E01	ZM_019_A2_E01_T7C	
22709	ZM_019_A2_E01		ZM_019_A2_E01_MR
22710	ZM_019_A2_E02	ZM_019_A2_E02_T7C	
22711	ZM_019_A2_E02		ZM_019_A2_E02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22712	ZM_019_A2_E03	ZM_019_A2_E03_T7C	
22713	ZM_019_A2_E03		ZM_019_A2_E03_MR
22714	ZM_019_A2_E04		ZM_019_A2_E04_MR
22715	ZM_019_A2_E05	ZM_019_A2_E05_T7C	
22716	ZM_019_A2_E05		ZM_019_A2_E05_MR
22717	ZM_019_A2_E06	ZM_019_A2_E06_T7C	
22718	ZM_019_A2_E07	ZM_019_A2_E07_T7C	
22719	ZM_019_A2_E07		ZM_019_A2_E07_MR
22720	ZM_019_A2_E08	ZM_019_A2_E08_T7C	
22721	ZM_019_A2_E08		ZM_019_A2_E08_MR
22722	ZM_019_A2_E09	ZM_019_A2_E09_T7C	
22723	ZM_019_A2_E09		ZM_019_A2_E09_MR
22724	ZM_019_A2_E10	ZM_019_A2_E10_T7C	
22725	ZM_019_A2_E10		ZM_019_A2_E10_MR
22726	ZM_019_A2_E11		ZM_019_A2_E11_MR
22727	ZM_019_A2_E12	ZM_019_A2_E12_T7C	
22728	ZM_019_A2_E12		ZM_019_A2_E12_MR
22729	ZM_019_A2_F01	ZM_019_A2_F01_T7C	
22730	ZM_019_A2_F01		ZM_019_A2_F01_MR
22731	ZM_019_A2_F02	ZM_019_A2_F02_T7C	
22732	ZM_019_A2_F02		ZM_019_A2_F02_MR
22733	ZM_019_A2_F03	ZM_019_A2_F03_T7C	
22734	ZM_019_A2_F03		ZM_019_A2_F03_MR
22735	ZM_019_A2_F04	ZM_019_A2_F04_T7C	
22736	ZM_019_A2_F04		ZM_019_A2_F04_MR
22737	ZM_019_A2_F05	ZM_019_A2_F05_T7C	
22738	ZM_019_A2_F05		ZM_019_A2_F05_MR
22739	ZM_019_A2_F06	ZM_019_A2_F06_T7C	
22740	ZM_019_A2_F06		ZM_019_A2_F06_MR
22741	ZM_019_A2_F08	ZM_019_A2_F08_T7C	
22742	ZM_019_A2_F08		ZM_019_A2_F08_MR
22743	ZM_019_A2_F09	ZM_019_A2_F09_T7C	
22744	ZM_019_A2_F09		ZM_019_A2_F09_MR
22745	ZM_019_A2_F10	ZM_019_A2_F10_T7C	
22746	ZM_019_A2_F10		ZM_019_A2_F10_MR
22747	ZM_019_A2_F11	ZM_019_A2_F11_T7C	
22748	ZM_019_A2_F11		ZM_019_A2_F11_MR
22749	ZM_019_A2_F12	ZM_019_A2_F12_T7C	
22750	ZM_019_A2_F12		ZM_019_A2_F12_MR
22751	ZM_019_A2_G01	ZM_019_A2_G01_T7C	
22752	ZM_019_A2_G01		ZM_019_A2_G01_MR
22753	ZM_019_A2_G02		ZM_019_A2_G02_MR
22754	ZM_019_A2_G03	ZM_019_A2_G03_T7C	
22755	ZM_019_A2_G03		ZM_019_A2_G03_MR
22756	ZM_019_A2_G04		ZM_019_A2_G04_MR
22757	ZM_019_A2_G05	ZM_019_A2_G05_T7C	
22758	ZM_019_A2_G05		ZM_019_A2_G05_MR
22759	ZM_019_A2_G06	ZM_019_A2_G06_T7C	
22760	ZM_019_A2_G06		ZM_019_A2_G06_MR
22761	ZM_019_A2_G07	ZM_019_A2_G07_T7C	
22762	ZM_019_A2_G07		ZM_019_A2_G07_MR
22763	ZM_019_A2_G08	ZM_019_A2_G08_T7C	
22764	ZM_019_A2_G08		ZM_019_A2_G08_MR
22765	ZM_019_A2_G09	ZM_019_A2_G09_T7C	
22766	ZM_019_A2_G09		ZM_019_A2_G09_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22767	ZM_019_A2_G10	ZM_019_A2_G10_T7C	
22768	ZM_019_A2_G10		ZM_019_A2_G10_MR
22769	ZM_019_A2_G12	ZM_019_A2_G12_T7C	
22770	ZM_019_A2_H01	ZM_019_A2_H01_T7C	
22771	ZM_019_A2_H01		ZM_019_A2_H01_MR
22772	ZM_019_A2_H02		ZM_019_A2_H02_MR
22773	ZM_019_A2_H03	ZM_019_A2_H03_T7C	
22774	ZM_019_A2_H03		ZM_019_A2_H03_MR
22775	ZM_019_A2_H04	ZM_019_A2_H04_T7C	
22776	ZM_019_A2_H04		ZM_019_A2_H04_MR
22777	ZM_019_A2_H05	ZM_019_A2_H05_T7C	
22778	ZM_019_A2_H05		ZM_019_A2_H05_MR
22779	ZM_019_A2_H06	ZM_019_A2_H06_T7C	
22780	ZM_019_A2_H06		ZM_019_A2_H06_MR
22781	ZM_019_A2_H07		ZM_019_A2_H07_MR
22782	ZM_019_A2_H08	ZM_019_A2_H08_T7C	
22783	ZM_019_A2_H08		ZM_019_A2_H08_MR
22784	ZM_019_A2_H09	ZM_019_A2_H09_T7C	
22785	ZM_019_A2_H09		ZM_019_A2_H09_MR
22786	ZM_019_A2_H10	ZM_019_A2_H10_T7C	
22787	ZM_019_A2_H10		ZM_019_A2_H10_MR
22788	ZM_019_A2_H11	ZM_019_A2_H11_T7C	
22789	ZM_019_A2_H11		ZM_019_A2_H11_MR
22790	ZM_019_A2_H12	ZM_019_A2_H12_T7C	
22791	ZM_019_A2_H12		ZM_019_A2_H12_MR
22792	ZM_019_B1_A01	ZM_019_B1_A01_T7C	
22793	ZM_019_B1_A02	ZM_019_B1_A02_T7C	
22794	ZM_019_B1_A03	ZM_019_B1_A03_T7C	
22795	ZM_019_B1_A04	ZM_019_B1_A04_T7C	
22796	ZM_019_B1_A05	ZM_019_B1_A05_T7C	
22797	ZM_019_B1_A07	ZM_019_B1_A07_T7C	
22798	ZM_019_B1_A09		ZM_019_B1_A09_MR
22799	ZM_019_B1_A10	ZM_019_B1_A10_T7C	
22800	ZM_019_B1_A11	ZM_019_B1_A11_T7C	
22801	ZM_019_B1_A12	ZM_019_B1_A12_T7C	
22802	ZM_019_B1_A12		ZM_019_B1_A12_MR
22803	ZM_019_B1_B01	ZM_019_B1_B01_T7C	
22804	ZM_019_B1_B01		ZM_019_B1_B01_MR
22805	ZM_019_B1_B02	ZM_019_B1_B02_T7C	
22806	ZM_019_B1_B03	ZM_019_B1_B03_T7C	
22807	ZM_019_B1_B04	ZM_019_B1_B04_T7C	
22808	ZM_019_B1_B05	ZM_019_B1_B05_T7C	
22809	ZM_019_B1_B05		ZM_019_B1_B05_MR
22810	ZM_019_B1_B06	ZM_019_B1_B06_T7C	
22811	ZM_019_B1_B06		ZM_019_B1_B06_MR
22812	ZM_019_B1_B07	ZM_019_B1_B07_T7C	
22813	ZM_019_B1_B07		ZM_019_B1_B07_MR
22814	ZM_019_B1_B09	ZM_019_B1_B09_T7C	
22815	ZM_019_B1_B10	ZM_019_B1_B10_T7C	
22816	ZM_019_B1_B10		ZM_019_B1_B10_MR
22817	ZM_019_B1_B11	ZM_019_B1_B11_T7C	
22818	ZM_019_B1_B11		ZM_019_B1_B11_MR
22819	ZM_019_B1_B12	ZM_019_B1_B12_T7C	
22820	ZM_019_B1_B12		ZM_019_B1_B12_MR
22821	ZM_019_B1_C01	ZM_019_B1_C01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22822	ZM_019_B1_C02	ZM_019_B1_C02_T7C	
22823	ZM_019_B1_C03	ZM_019_B1_C03_T7C	
22824	ZM_019_B1_C04	ZM_019_B1_C04_T7C	
22825	ZM_019_B1_C04		ZM_019_B1_C04_MR
22826	ZM_019_B1_C05	ZM_019_B1_C05_T7C	
22827	ZM_019_B1_C05		ZM_019_B1_C05_MR
22828	ZM_019_B1_C06	ZM_019_B1_C06_T7C	
22829	ZM_019_B1_C07	ZM_019_B1_C07_T7C	
22830	ZM_019_B1_C07		ZM_019_B1_C07_MR
22831	ZM_019_B1_C08	ZM_019_B1_C08_T7C	
22832	ZM_019_B1_C08		ZM_019_B1_C08_MR
22833	ZM_019_B1_C09		ZM_019_B1_C09_MR
22834	ZM_019_B1_C10	ZM_019_B1_C10_T7C	
22835	ZM_019_B1_C10		ZM_019_B1_C10_MR
22836	ZM_019_B1_C11	ZM_019_B1_C11_T7C	
22837	ZM_019_B1_C11		ZM_019_B1_C11_MR
22838	ZM_019_B1_C12	ZM_019_B1_C12_T7C	
22839	ZM_019_B1_C12		ZM_019_B1_C12_MR
22840	ZM_019_B1_D01		ZM_019_B1_D01_MR
22841	ZM_019_B1_D02	ZM_019_B1_D02_T7C	
22842	ZM_019_B1_D02		ZM_019_B1_D02_MR
22843	ZM_019_B1_D03	ZM_019_B1_D03_T7C	
22844	ZM_019_B1_D03		ZM_019_B1_D03_MR
22845	ZM_019_B1_D04	ZM_019_B1_D04_T7C	
22846	ZM_019_B1_D04		ZM_019_B1_D04_MR
22847	ZM_019_B1_D05		ZM_019_B1_D05_MR
22848	ZM_019_B1_D06	ZM_019_B1_D06_T7C	
22849	ZM_019_B1_D06		ZM_019_B1_D06_MR
22850	ZM_019_B1_D07		ZM_019_B1_D07_MR
22851	ZM_019_B1_D08		ZM_019_B1_D08_MR
22852	ZM_019_B1_D09	ZM_019_B1_D09_T7C	
22853	ZM_019_B1_D09		ZM_019_B1_D09_MR
22854	ZM_019_B1_D10		ZM_019_B1_D10_MR
22855	ZM_019_B1_D11	ZM_019_B1_D11_T7C	
22856	ZM_019_B1_D11		ZM_019_B1_D11_MR
22857	ZM_019_B1_D12	ZM_019_B1_D12_T7C	
22858	ZM_019_B1_D12		ZM_019_B1_D12_MR
22859	ZM_019_B1_E02	ZM_019_B1_E02_T7C	
22860	ZM_019_B1_E03	ZM_019_B1_E03_T7C	
22861	ZM_019_B1_E03		ZM_019_B1_E03_MR
22862	ZM_019_B1_E04	ZM_019_B1_E04_T7C	
22863	ZM_019_B1_E04		ZM_019_B1_E04_MR
22864	ZM_019_B1_E05	ZM_019_B1_E05_T7C	
22865	ZM_019_B1_E07	ZM_019_B1_E07_T7C	
22866	ZM_019_B1_E07		ZM_019_B1_E07_MR
22867	ZM_019_B1_E08	ZM_019_B1_E08_T7C	
22868	ZM_019_B1_E08		ZM_019_B1_E08_MR
22869	ZM_019_B1_E09	ZM_019_B1_E09_T7C	
22870	ZM_019_B1_E09		ZM_019_B1_E09_MR
22871	ZM_019_B1_E10	ZM_019_B1_E10_T7C	
22872	ZM_019_B1_E10		ZM_019_B1_E10_MR
22873	ZM_019_B1_E11		ZM_019_B1_E11_MR
22874	ZM_019_B1_F03	ZM_019_B1_F03_T7C	
22875	ZM_019_B1_F03		ZM_019_B1_F03_MR
22876	ZM_019_B1_F04	ZM_019_B1_F04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22877	ZM_019_B1_F04		ZM_019_B1_F04_MR
22878	ZM_019_B1_F05	ZM_019_B1_F05_T7C	
22879	ZM_019_B1_F05		ZM_019_B1_F05_MR
22880	ZM_019_B1_F06	ZM_019_B1_F06_T7C	
22881	ZM_019_B1_F06		ZM_019_B1_F06_MR
22882	ZM_019_B1_F08	ZM_019_B1_F08_T7C	
22883	ZM_019_B1_F08		ZM_019_B1_F08_MR
22884	ZM_019_B1_F09	ZM_019_B1_F09_T7C	
22885	ZM_019_B1_F09		ZM_019_B1_F09_MR
22886	ZM_019_B1_F10	ZM_019_B1_F10_T7C	ZM_019_B1_F10
	ZM_019_B1_F10_MR		
22888	ZM_019_B1_F11	ZM_019_B1_F11_T7C	
22889	ZM_019_B1_F11		ZM_019_B1_F11_MR
22890	ZM_019_B1_F12	ZM_019_B1_F12_T7C	
22891	ZM_019_B1_F12		ZM_019_B1_F12_MR
22892	ZM_019_B1_G01	ZM_019_B1_G01_T7C	
22893	ZM_019_B1_G01		ZM_019_B1_G01_MR
22894	ZM_019_B1_G02		ZM_019_B1_G02_MR
22895	ZM_019_B1_G03	ZM_019_B1_G03_T7C	
22896	ZM_019_B1_G03		ZM_019_B1_G03_MR
22897	ZM_019_B1_G04	ZM_019_B1_G04_T7C	
22898	ZM_019_B1_G04		ZM_019_B1_G04_MR
22899	ZM_019_B1_G05	ZM_019_B1_G05_T7C	
22900	ZM_019_B1_G05		ZM_019_B1_G05_MR
22901	ZM_019_B1_G06	ZM_019_B1_G06_T7C	
22902	ZM_019_B1_G06		ZM_019_B1_G06_MR
22903	ZM_019_B1_G07	ZM_019_B1_G07_T7C	
22904	ZM_019_B1_G07		ZM_019_B1_G07_MR
22905	ZM_019_B1_G08	ZM_019_B1_G08_T7C	
22906	ZM_019_B1_G08		ZM_019_B1_G08_MR
22907	ZM_019_B1_G09	ZM_019_B1_G09_T7C	
22908	ZM_019_B1_G09		ZM_019_B1_G09_MR
22909	ZM_019_B1_G10		ZM_019_B1_G10_MR
22910	ZM_019_B1_G11	ZM_019_B1_G11_T7C	
22911	ZM_019_B1_G11		ZM_019_B1_G11_MR
22912	ZM_019_B1_G12	ZM_019_B1_G12_T7C	
22913	ZM_019_B1_G12		ZM_019_B1_G12_MR
22914	ZM_019_B1_H01		ZM_019_B1_H01_MR
22915	ZM_019_B1_H02	ZM_019_B1_H02_T7C	
22916	ZM_019_B1_H03	ZM_019_B1_H03_T7C	
22917	ZM_019_B1_H03		ZM_019_B1_H03_MR
22918	ZM_019_B1_H04	ZM_019_B1_H04_T7C	
22919	ZM_019_B1_H04		ZM_019_B1_H04_MR
22920	ZM_019_B1_H05	ZM_019_B1_H05_T7C	
22921	ZM_019_B1_H06	ZM_019_B1_H06_T7C	
22922	ZM_019_B1_H06		ZM_019_B1_H06_MR
22923	ZM_019_B1_H07	ZM_019_B1_H07_T7C	
22924	ZM_019_B1_H07		ZM_019_B1_H07_MR
22925	ZM_019_B1_H08	ZM_019_B1_H08_T7C	
22926	ZM_019_B1_H08		ZM_019_B1_H08_MR
22927	ZM_019_B1_H10	ZM_019_B1_H10_T7C	
22928	ZM_019_B1_H10		ZM_019_B1_H10_MR
22929	ZM_019_B1_H11		ZM_019_B1_H11_MR
22930	ZM_019_B1_H12	ZM_019_B1_H12_T7C	
22931	ZM_019_B1_H12		ZM_019_B1_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22932	ZM_019_B2_A01	ZM_019_B2_A01_T7C	
22933	ZM_019_B2_A01		ZM_019_B2_A01_MR
22934	ZM_019_B2_A02	ZM_019_B2_A02_T7C	
22935	ZM_019_B2_A02		ZM_019_B2_A02_MR
22936	ZM_019_B2_A03	ZM_019_B2_A03_T7C	
22937	ZM_019_B2_A03		ZM_019_B2_A03_MR
22938	ZM_019_B2_A04	ZM_019_B2_A04_T7C	
22939	ZM_019_B2_A04		ZM_019_B2_A04_MR
22940	ZM_019_B2_A05	ZM_019_B2_A05_T7C	
22941	ZM_019_B2_A05		ZM_019_B2_A05_MR
22942	ZM_019_B2_A07	ZM_019_B2_A07_T7C	
22943	ZM_019_B2_A08	ZM_019_B2_A08_T7C	
22944	ZM_019_B2_A08		ZM_019_B2_A08_MR
22945	ZM_019_B2_A09	ZM_019_B2_A09_T7C	
22946	ZM_019_B2_A09		ZM_019_B2_A09_MR
22947	ZM_019_B2_A10	ZM_019_B2_A10_T7C	
22948	ZM_019_B2_A10		ZM_019_B2_A10_MR
22949	ZM_019_B2_A11	ZM_019_B2_A11_T7C	
22950	ZM_019_B2_A12	ZM_019_B2_A12_T7C	
22951	ZM_019_B2_A12		ZM_019_B2_A12_MR
22952	ZM_019_B2_B01	ZM_019_B2_B01_T7C	
22953	ZM_019_B2_B02	ZM_019_B2_B02_T7C	
22954	ZM_019_B2_B02		ZM_019_B2_B02_MR
22955	ZM_019_B2_B03	ZM_019_B2_B03_T7C	
22956	ZM_019_B2_B03		ZM_019_B2_B03_MR
22957	ZM_019_B2_B04	ZM_019_B2_B04_T7C	
22958	ZM_019_B2_B04		ZM_019_B2_B04_MR
22959	ZM_019_B2_B05	ZM_019_B2_B05_T7C	
22960	ZM_019_B2_B05		ZM_019_B2_B05_MR
22961	ZM_019_B2_B07	ZM_019_B2_B07_T7C	
22962	ZM_019_B2_B07		ZM_019_B2_B07_MR
22963	ZM_019_B2_B08	ZM_019_B2_B08_T7C	
22964	ZM_019_B2_B08		ZM_019_B2_B08_MR
22965	ZM_019_B2_B09	ZM_019_B2_B09_T7C	
22966	ZM_019_B2_B09		ZM_019_B2_B09_MR
22967	ZM_019_B2_B10	ZM_019_B2_B10_T7C	
22968	ZM_019_B2_B10		ZM_019_B2_B10_MR
22969	ZM_019_B2_B11	ZM_019_B2_B11_T7C	
22970	ZM_019_B2_B11		ZM_019_B2_B11_MR
22971	ZM_019_B2_B12	ZM_019_B2_B12_T7C	
22972	ZM_019_B2_B12		ZM_019_B2_B12_MR
22973	ZM_019_B2_C01	ZM_019_B2_C01_T7C	
22974	ZM_019_B2_C01		ZM_019_B2_C01_MR
22975	ZM_019_B2_C02	ZM_019_B2_C02_T7C	
22976	ZM_019_B2_C02		ZM_019_B2_C02_MR
22977	ZM_019_B2_C03	ZM_019_B2_C03_T7C	
22978	ZM_019_B2_C03		ZM_019_B2_C03_MR
22979	ZM_019_B2_C04	ZM_019_B2_C04_T7C	
22980	ZM_019_B2_C04		ZM_019_B2_C04_MR
22981	ZM_019_B2_C05	ZM_019_B2_C05_T7C	
22982	ZM_019_B2_C05		ZM_019_B2_C05_MR
22983	ZM_019_B2_C06	ZM_019_B2_C06_T7C	
22984	ZM_019_B2_C06		ZM_019_B2_C06_MR
22985	ZM_019_B2_C07	ZM_019_B2_C07_T7C	
22986	ZM_019_B2_C07		ZM_019_B2_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
22987	ZM_019_B2_C08	ZM_019_B2_C08_T7C	
22988	ZM_019_B2_C08		ZM_019_B2_C08_MR
22989	ZM_019_B2_C09	ZM_019_B2_C09_T7C	
22990	ZM_019_B2_C09		ZM_019_B2_C09_MR
22991	ZM_019_B2_C10	ZM_019_B2_C10_T7C	
22992	ZM_019_B2_C10		ZM_019_B2_C10_MR
22993	ZM_019_B2_C11	ZM_019_B2_C11_T7C	
22994	ZM_019_B2_C11		ZM_019_B2_C11_MR
22995	ZM_019_B2_C12	ZM_019_B2_C12_T7C	
22996	ZM_019_B2_C12		ZM_019_B2_C12_MR
22997	ZM_019_B2_D02	ZM_019_B2_D02_T7C	
22998	ZM_019_B2_D02		ZM_019_B2_D02_MR
22999	ZM_019_B2_D03	ZM_019_B2_D03_T7C	
23000	ZM_019_B2_D03		ZM_019_B2_D03_MR
23001	ZM_019_B2_D04	ZM_019_B2_D04_T7C	
23002	ZM_019_B2_D04		ZM_019_B2_D04_MR
23003	ZM_019_B2_D05	ZM_019_B2_D05_T7C	
23004	ZM_019_B2_D05		ZM_019_B2_D05_MR
23005	ZM_019_B2_D06	ZM_019_B2_D06_T7C	
23006	ZM_019_B2_D06		ZM_019_B2_D06_MR
23007	ZM_019_B2_D07	ZM_019_B2_D07_T7C	
23008	ZM_019_B2_D07		ZM_019_B2_D07_MR
23009	ZM_019_B2_D08	ZM_019_B2_D08_T7C	
23010	ZM_019_B2_D08		ZM_019_B2_D08_MR
23011	ZM_019_B2_D09		ZM_019_B2_D09_MR
23012	ZM_019_B2_D10	ZM_019_B2_D10_T7C	
23013	ZM_019_B2_D10		ZM_019_B2_D10_MR
23014	ZM_019_B2_D11		ZM_019_B2_D11_MR
23015	ZM_019_B2_D12	ZM_019_B2_D12_T7C	
23016	ZM_019_B2_D12		ZM_019_B2_D12_MR
23017	ZM_019_B2_E01	ZM_019_B2_E01_T7C	
23018	ZM_019_B2_E01		ZM_019_B2_E01_MR
23019	ZM_019_B2_E02		ZM_019_B2_E02_MR
23020	ZM_019_B2_E03		ZM_019_B2_E03_MR
23021	ZM_019_B2_E04	ZM_019_B2_E04_T7C	
23022	ZM_019_B2_E04		ZM_019_B2_E04_MR
23023	ZM_019_B2_E05	ZM_019_B2_E05_T7C	
23024	ZM_019_B2_E05		ZM_019_B2_E05_MR
23025	ZM_019_B2_E06		ZM_019_B2_E06_MR
23026	ZM_019_B2_E07	ZM_019_B2_E07_T7C	
23027	ZM_019_B2_E07		ZM_019_B2_E07_MR
23028	ZM_019_B2_E08	ZM_019_B2_E08_T7C	
23029	ZM_019_B2_E08		ZM_019_B2_E08_MR
23030	ZM_019_B2_E09	ZM_019_B2_E09_T7C	
23031	ZM_019_B2_E09		ZM_019_B2_E09_MR
23032	ZM_019_B2_E10	ZM_019_B2_E10_T7C	
23033	ZM_019_B2_E10		ZM_019_B2_E10_MR
23034	ZM_019_B2_E11	ZM_019_B2_E11_T7C	
23035	ZM_019_B2_E11		ZM_019_B2_E11_MR
23036	ZM_019_B2_E12	ZM_019_B2_E12_T7C	
23037	ZM_019_B2_E12		ZM_019_B2_E12_MR
23038	ZM_019_B2_F01	ZM_019_B2_F01_T7C	
23039	ZM_019_B2_F01		ZM_019_B2_F01_MR
23040	ZM_019_B2_F02	ZM_019_B2_F02_T7C	
23041	ZM_019_B2_F02		ZM_019_B2_F02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23042	ZM_019_B2_F03	ZM_019_B2_F03_T7C	
23043	ZM_019_B2_F03		ZM_019_B2_F03_MR
23044	ZM_019_B2_F04	ZM_019_B2_F04_T7C	
23045	ZM_019_B2_F04		ZM_019_B2_F04_MR
23046	ZM_019_B2_F05	ZM_019_B2_F05_T7C	
23047	ZM_019_B2_F05		ZM_019_B2_F05_MR
23048	ZM_019_B2_F06	ZM_019_B2_F06_T7C	
23049	ZM_019_B2_F06		ZM_019_B2_F06_MR
23050	ZM_019_B2_F07		ZM_019_B2_F07_MR
23051	ZM_019_B2_F08		ZM_019_B2_F08_MR
23052	ZM_019_B2_F09	ZM_019_B2_F09_T7C	
23053	ZM_019_B2_F09		ZM_019_B2_F09_MR
23054	ZM_019_B2_F10	ZM_019_B2_F10_T7C	
23055	ZM_019_B2_F10		ZM_019_B2_F10_MR
23056	ZM_019_B2_F11	ZM_019_B2_F11_T7C	
23057	ZM_019_B2_F11		ZM_019_B2_F11_MR
23058	ZM_019_B2_F12	ZM_019_B2_F12_T7C	
23059	ZM_019_B2_F12		ZM_019_B2_F12_MR
23060	ZM_019_B2_G01		ZM_019_B2_G01_MR
23061	ZM_019_B2_G02		ZM_019_B2_G02_MR
23062	ZM_019_B2_G03	ZM_019_B2_G03_T7C	
23063	ZM_019_B2_G03		ZM_019_B2_G03_MR
23064	ZM_019_B2_G04	ZM_019_B2_G04_T7C	
23065	ZM_019_B2_G04		ZM_019_B2_G04_MR
23066	ZM_019_B2_G06	ZM_019_B2_G06_T7C	
23067	ZM_019_B2_G06		ZM_019_B2_G06_MR
23068	ZM_019_B2_G07	ZM_019_B2_G07_T7C	
23069	ZM_019_B2_G07		ZM_019_B2_G07_MR
23070	ZM_019_B2_G08	ZM_019_B2_G08_T7C	
23071	ZM_019_B2_G08		ZM_019_B2_G08_MR
23072	ZM_019_B2_G09	ZM_019_B2_G09_T7C	
23073	ZM_019_B2_G09		ZM_019_B2_G09_MR
23074	ZM_019_B2_G10		ZM_019_B2_G10_MR
23075	ZM_019_B2_G11		ZM_019_B2_G11_MR
23076	ZM_019_B2_G12	ZM_019_B2_G12_T7C	
23077	ZM_019_B2_G12		ZM_019_B2_G12_MR
23078	ZM_019_B2_H01	ZM_019_B2_H01_T7C	
23079	ZM_019_B2_H01		ZM_019_B2_H01_MR
23080	ZM_019_B2_H02		ZM_019_B2_H02_MR
23081	ZM_019_B2_H04		ZM_019_B2_H04_MR
23082	ZM_019_B2_H05	ZM_019_B2_H05_T7C	
23083	ZM_019_B2_H05		ZM_019_B2_H05_MR
23084	ZM_019_B2_H06	ZM_019_B2_H06_T7C	
23085	ZM_019_B2_H06		ZM_019_B2_H06_MR
23086	ZM_019_B2_H07	ZM_019_B2_H07_T7C	
23087	ZM_019_B2_H07		ZM_019_B2_H07_MR
23088	ZM_019_B2_H08	ZM_019_B2_H08_T7C	
23089	ZM_019_B2_H08		ZM_019_B2_H08_MR
23090	ZM_019_B2_H09	ZM_019_B2_H09_T7C	
23091	ZM_019_B2_H09		ZM_019_B2_H09_MR
23092	ZM_019_B2_H10	ZM_019_B2_H10_T7C	
23093	ZM_019_B2_H10		ZM_019_B2_H10_MR
23094	ZM_019_B2_H11		ZM_019_B2_H11_MR
23095	ZM_019_B2_H12	ZM_019_B2_H12_T7C	
23096	ZM_019_B2_H12		ZM_019_B2_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23097	ZM_0200_A2_A01	ZM_0200_A2_A01_MF	
23098	ZM_0200_A2_A02	ZM_0200_A2_A02_MF	
23099	ZM_0200_A2_A03	ZM_0200_A2_A03_MF	
23100	ZM_0200_A2_A04	ZM_0200_A2_A04_MF	
23101	ZM_0200_A2_A05	ZM_0200_A2_A05_MF	
23102	ZM_0200_A2_A07	ZM_0200_A2_A07_MF	
23103	ZM_0200_A2_A08	ZM_0200_A2_A08_MF	
23104	ZM_0200_A2_A12	ZM_0200_A2_A12_MF	
23105	ZM_0200_A2_B02	ZM_0200_A2_B02_MF	
23106	ZM_0200_A2_B03	ZM_0200_A2_B03_MF	
23107	ZM_0200_A2_B05	ZM_0200_A2_B05_MF	
23108	ZM_0200_A2_B06	ZM_0200_A2_B06_MF	
23109	ZM_0200_A2_B07	ZM_0200_A2_B07_MF	
23110	ZM_0200_A2_B08	ZM_0200_A2_B08_MF	
23111	ZM_0200_A2_B09	ZM_0200_A2_B09_MF	
23112	ZM_0200_A2_B10	ZM_0200_A2_B10_MF	
23113	ZM_0200_A2_B11	ZM_0200_A2_B11_MF	
23114	ZM_0200_A2_B12	ZM_0200_A2_B12_MF	
23115	ZM_0200_A2_C02	ZM_0200_A2_C02_MF	
23116	ZM_0200_A2_C03	ZM_0200_A2_C03_MF	
23117	ZM_0200_A2_C04	ZM_0200_A2_C04_MF	
23118	ZM_0200_A2_C05	ZM_0200_A2_C05_MF	
23119	ZM_0200_A2_C06	ZM_0200_A2_C06_MF	
23120	ZM_0200_A2_C07	ZM_0200_A2_C07_MF	
23121	ZM_0200_A2_C09	ZM_0200_A2_C09_MF	
23122	ZM_0200_A2_C10	ZM_0200_A2_C10_MF	
23123	ZM_0200_A2_C11	ZM_0200_A2_C11_MF	
23124	ZM_0200_A2_C12	ZM_0200_A2_C12_MF	
23125	ZM_0200_A2_D01	ZM_0200_A2_D01_MF	
23126	ZM_0200_A2_D02	ZM_0200_A2_D02_MF	
23127	ZM_0200_A2_D03	ZM_0200_A2_D03_MF	
23128	ZM_0200_A2_D04	ZM_0200_A2_D04_MF	
23129	ZM_0200_A2_D05	ZM_0200_A2_D05_MF	
23130	ZM_0200_A2_D06	ZM_0200_A2_D06_MF	
23131	ZM_0200_A2_D07	ZM_0200_A2_D07_MF	
23132	ZM_0200_A2_D08	ZM_0200_A2_D08_MF	
23133	ZM_0200_A2_D10	ZM_0200_A2_D10_MF	
23134	ZM_0200_A2_D12	ZM_0200_A2_D12_MF	
23135	ZM_0200_A2_E01	ZM_0200_A2_E01_MF	
23136	ZM_0200_A2_E02	ZM_0200_A2_E02_MF	
23137	ZM_0200_A2_E03	ZM_0200_A2_E03_MF	
23138	ZM_0200_A2_E05	ZM_0200_A2_E05_MF	
23139	ZM_0200_A2_E07	ZM_0200_A2_E07_MF	
23140	ZM_0200_A2_E09	ZM_0200_A2_E09_MF	
23141	ZM_0200_A2_E10	ZM_0200_A2_E10_MF	
23142	ZM_0200_A2_E12	ZM_0200_A2_E12_MF	
23143	ZM_0200_A2_F01	ZM_0200_A2_F01_MF	
23144	ZM_0200_A2_F03	ZM_0200_A2_F03_MF	
23145	ZM_0200_A2_F04	ZM_0200_A2_F04_MF	
23146	ZM_0200_A2_F06	ZM_0200_A2_F06_MF	
23147	ZM_0200_A2_F07	ZM_0200_A2_F07_MF	
23148	ZM_0200_A2_F08	ZM_0200_A2_F08_MF	
23149	ZM_0200_A2_F10	ZM_0200_A2_F10_MF	
23150	ZM_0200_A2_F11	ZM_0200_A2_F11_MF	
23151	ZM_0200_A2_F12	ZM_0200_A2_F12_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23152	ZM_0200_A2_G01	ZM_0200_A2_G01_MF	
23153	ZM_0200_A2_G02	ZM_0200_A2_G02_MF	
23154	ZM_0200_A2_G04	ZM_0200_A2_G04_MF	
23155	ZM_0200_A2_G05	ZM_0200_A2_G05_MF	
23156	ZM_0200_A2_G06	ZM_0200_A2_G06_MF	
23157	ZM_0200_A2_G07	ZM_0200_A2_G07_MF	
23158	ZM_0200_A2_G10	ZM_0200_A2_G10_MF	
23159	ZM_0200_A2_G11	ZM_0200_A2_G11_MF	
23160	ZM_0200_A2_H02	ZM_0200_A2_H02_MF	
23161	ZM_0200_A2_H04	ZM_0200_A2_H04_MF	
23162	ZM_0200_A2_H05	ZM_0200_A2_H05_MF	
23163	ZM_0200_A2_H07	ZM_0200_A2_H07_MF	
23164	ZM_0200_A2_H08	ZM_0200_A2_H08_MF	
23165	ZM_0200_A2_H10	ZM_0200_A2_H10_MF	
23166	ZM_0200_A2_H11	ZM_0200_A2_H11_MF	
23167	ZM_0200_A2_H12	ZM_0200_A2_H12_MF	
23168	ZM_0200_B1_A01	ZM_0200_B1_A01_T7C	
23169	ZM_0200_B1_A01		ZM_0200_B1_A01_MR
23170	ZM_0200_B1_A02	ZM_0200_B1_A02_T7C	
23171	ZM_0200_B1_A02		ZM_0200_B1_A02_MR
23172	ZM_0200_B1_A03	ZM_0200_B1_A03_T7C	
23173	ZM_0200_B1_A03		ZM_0200_B1_A03_MR
23174	ZM_0200_B1_A04	ZM_0200_B1_A04_T7C	
23175	ZM_0200_B1_A04		ZM_0200_B1_A04_MR
23176	ZM_0200_B1_A05	ZM_0200_B1_A05_T7C	
23177	ZM_0200_B1_A06	ZM_0200_B1_A06_T7C	
23178	ZM_0200_B1_A06		ZM_0200_B1_A06_MR
23179	ZM_0200_B1_A07	ZM_0200_B1_A07_T7C	
23180	ZM_0200_B1_A07		ZM_0200_B1_A07_MR
23181	ZM_0200_B1_A08	ZM_0200_B1_A08_T7C	
23182	ZM_0200_B1_A08		ZM_0200_B1_A08_MR
23183	ZM_0200_B1_A09	ZM_0200_B1_A09_T7C	
23184	ZM_0200_B1_A09		ZM_0200_B1_A09_MR
23185	ZM_0200_B1_A11	ZM_0200_B1_A11_T7C	
23186	ZM_0200_B1_A11		ZM_0200_B1_A11_MR
23187	ZM_0200_B1_A12	ZM_0200_B1_A12_T7C	
23188	ZM_0200_B1_A12		ZM_0200_B1_A12_MR
23189	ZM_0200_B1_B01	ZM_0200_B1_B01_T7C	
23190	ZM_0200_B1_B01		ZM_0200_B1_B01_MR
23191	ZM_0200_B1_B02	ZM_0200_B1_B02_T7C	
23192	ZM_0200_B1_B02		ZM_0200_B1_B02_MR
23193	ZM_0200_B1_B03	ZM_0200_B1_B03_T7C	
23194	ZM_0200_B1_B03		ZM_0200_B1_B03_MR
23195	ZM_0200_B1_B04	ZM_0200_B1_B04_T7C	
23196	ZM_0200_B1_B04		ZM_0200_B1_B04_MR
23197	ZM_0200_B1_B05	ZM_0200_B1_B05_T7C	
23198	ZM_0200_B1_B05		ZM_0200_B1_B05_MR
23199	ZM_0200_B1_B06	ZM_0200_B1_B06_T7C	
23200	ZM_0200_B1_B06		ZM_0200_B1_B06_MR
23201	ZM_0200_B1_B07	ZM_0200_B1_B07_T7C	
23202	ZM_0200_B1_B07		ZM_0200_B1_B07_MR
23203	ZM_0200_B1_B08	ZM_0200_B1_B08_T7C	
23204	ZM_0200_B1_B08		ZM_0200_B1_B08_MR
23205	ZM_0200_B1_B09	ZM_0200_B1_B09_T7C	
23206	ZM_0200_B1_B09		ZM_0200_B1_B09_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23207	ZM_0200_B1_B10	ZM_0200_B1_B10_T7C	
23208	ZM_0200_B1_B10		ZM_0200_B1_B10_MR
23209	ZM_0200_B1_B11	ZM_0200_B1_B11_T7C	
23210	ZM_0200_B1_B11		ZM_0200_B1_B11_MR
23211	ZM_0200_B1_B12	ZM_0200_B1_B12_T7C	
23212	ZM_0200_B1_B12		ZM_0200_B1_B12_MR
23213	ZM_0200_B1_C01	ZM_0200_B1_C01_T7C	
23214	ZM_0200_B1_C01		ZM_0200_B1_C01_MR
23215	ZM_0200_B1_C02	ZM_0200_B1_C02_T7C	
23216	ZM_0200_B1_C02		ZM_0200_B1_C02_MR
23217	ZM_0200_B1_C03	ZM_0200_B1_C03_T7C	
23218	ZM_0200_B1_C03		ZM_0200_B1_C03_MR
23219	ZM_0200_B1_C04	ZM_0200_B1_C04_T7C	
23220	ZM_0200_B1_C04		ZM_0200_B1_C04_MR
23221	ZM_0200_B1_C05	ZM_0200_B1_C05_T7C	
23222	ZM_0200_B1_C06	ZM_0200_B1_C06_T7C	
23223	ZM_0200_B1_C06		ZM_0200_B1_C06_MR
23224	ZM_0200_B1_C07	ZM_0200_B1_C07_T7C	
23225	ZM_0200_B1_C07		ZM_0200_B1_C07_MR
23226	ZM_0200_B1_C08	ZM_0200_B1_C08_T7C	
23227	ZM_0200_B1_C08		ZM_0200_B1_C08_MR
23228	ZM_0200_B1_C09	ZM_0200_B1_C09_T7C	
23229	ZM_0200_B1_C09		ZM_0200_B1_C09_MR
23230	ZM_0200_B1_C10	ZM_0200_B1_C10_T7C	
23231	ZM_0200_B1_C10		ZM_0200_B1_C10_MR
23232	ZM_0200_B1_C11	ZM_0200_B1_C11_T7C	
23233	ZM_0200_B1_C11		ZM_0200_B1_C11_MR
23234	ZM_0200_B1_C12	ZM_0200_B1_C12_T7C	
23235	ZM_0200_B1_C12		ZM_0200_B1_C12_MR
23236	ZM_0200_B1_D01	ZM_0200_B1_D01_T7C	
23237	ZM_0200_B1_D01		ZM_0200_B1_D01_MR
23238	ZM_0200_B1_D02	ZM_0200_B1_D02_T7C	
23239	ZM_0200_B1_D02		ZM_0200_B1_D02_MR
23240	ZM_0200_B1_D03	ZM_0200_B1_D03_T7C	
23241	ZM_0200_B1_D03		ZM_0200_B1_D03_MR
23242	ZM_0200_B1_D04	ZM_0200_B1_D04_T7C	
23243	ZM_0200_B1_D04		ZM_0200_B1_D04_MR
23244	ZM_0200_B1_D05	ZM_0200_B1_D05_T7C	
23245	ZM_0200_B1_D05		ZM_0200_B1_D05_MR
23246	ZM_0200_B1_D06	ZM_0200_B1_D06_T7C	
23247	ZM_0200_B1_D06		ZM_0200_B1_D06_MR
23248	ZM_0200_B1_D07	ZM_0200_B1_D07_T7C	
23249	ZM_0200_B1_D07		ZM_0200_B1_D07_MR
23250	ZM_0200_B1_D08	ZM_0200_B1_D08_T7C	
23251	ZM_0200_B1_D08		ZM_0200_B1_D08_MR
23252	ZM_0200_B1_D09	ZM_0200_B1_D09_T7C	
23253	ZM_0200_B1_D09		ZM_0200_B1_D09_MR
23254	ZM_0200_B1_D10	ZM_0200_B1_D10_T7C	
23255	ZM_0200_B1_D10		ZM_0200_B1_D10_MR
23256	ZM_0200_B1_D11	ZM_0200_B1_D11_T7C	
23257	ZM_0200_B1_D11		ZM_0200_B1_D11_MR
23258	ZM_0200_B1_D12	ZM_0200_B1_D12_T7C	
23259	ZM_0200_B1_D12		ZM_0200_B1_D12_MR
23260	ZM_0200_B1_E01	ZM_0200_B1_E01_T7C	
23261	ZM_0200_B1_E01		ZM_0200_B1_E01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23262	ZM_0200_B1_E02	ZM_0200_B1_E02_T7C	
23263	ZM_0200_B1_E02		ZM_0200_B1_E02_MR
23264	ZM_0200_B1_E03	ZM_0200_B1_E03_T7C	
23265	ZM_0200_B1_E03		ZM_0200_B1_E03_MR
23266	ZM_0200_B1_E04	ZM_0200_B1_E04_T7C	
23267	ZM_0200_B1_E04		ZM_0200_B1_E04_MR
23268	ZM_0200_B1_E05	ZM_0200_B1_E05_T7C	
23269	ZM_0200_B1_E05		ZM_0200_B1_E05_MR
23270	ZM_0200_B1_E06	ZM_0200_B1_E06_T7C	
23271	ZM_0200_B1_E06		ZM_0200_B1_E06_MR
23272	ZM_0200_B1_E07	ZM_0200_B1_E07_T7C	
23273	ZM_0200_B1_E07		ZM_0200_B1_E07_MR
23274	ZM_0200_B1_E08	ZM_0200_B1_E08_T7C	
23275	ZM_0200_B1_E08		ZM_0200_B1_E08_MR
23276	ZM_0200_B1_E09	ZM_0200_B1_E09_T7C	
23277	ZM_0200_B1_E09		ZM_0200_B1_E09_MR
23278	ZM_0200_B1_E10	ZM_0200_B1_E10_T7C	
23279	ZM_0200_B1_E10		ZM_0200_B1_E10_MR
23280	ZM_0200_B1_E11	ZM_0200_B1_E11_T7C	
23281	ZM_0200_B1_E11		ZM_0200_B1_E11_MR
23282	ZM_0200_B1_E12	ZM_0200_B1_E12_T7C	
23283	ZM_0200_B1_E12		ZM_0200_B1_E12_MR
23284	ZM_0200_B1_F01	ZM_0200_B1_F01_T7C	
23285	ZM_0200_B1_F01		ZM_0200_B1_F01_MR
23286	ZM_0200_B1_F02	ZM_0200_B1_F02_T7C	
23287	ZM_0200_B1_F03	ZM_0200_B1_F03_T7C	
23288	ZM_0200_B1_F03		ZM_0200_B1_F03_MR
23289	ZM_0200_B1_F04	ZM_0200_B1_F04_T7C	
23290	ZM_0200_B1_F05	ZM_0200_B1_F05_T7C	
23291	ZM_0200_B1_F05		ZM_0200_B1_F05_MR
23292	ZM_0200_B1_F06	ZM_0200_B1_F06_T7C	
23293	ZM_0200_B1_F06		ZM_0200_B1_F06_MR
23294	ZM_0200_B1_F07	ZM_0200_B1_F07_T7C	
23295	ZM_0200_B1_F08	ZM_0200_B1_F08_T7C	
23296	ZM_0200_B1_F08		ZM_0200_B1_F08_MR
23297	ZM_0200_B1_F09	ZM_0200_B1_F09_T7C	
23298	ZM_0200_B1_F09		ZM_0200_B1_F09_MR
23299	ZM_0200_B1_F10	ZM_0200_B1_F10_T7C	
23300	ZM_0200_B1_F10		ZM_0200_B1_F10_MR
23301	ZM_0200_B1_F11	ZM_0200_B1_F11_T7C	
23302	ZM_0200_B1_F11		ZM_0200_B1_F11_MR
23303	ZM_0200_B1_F12	ZM_0200_B1_F12_T7C	
23304	ZM_0200_B1_F12		ZM_0200_B1_F12_MR
23305	ZM_0200_B1_G01	ZM_0200_B1_G01_T7C	
23306	ZM_0200_B1_G01		ZM_0200_B1_G01_MR
23307	ZM_0200_B1_G02	ZM_0200_B1_G02_T7C	
23308	ZM_0200_B1_G02		ZM_0200_B1_G02_MR
23309	ZM_0200_B1_G03	ZM_0200_B1_G03_T7C	
23310	ZM_0200_B1_G03		ZM_0200_B1_G03_MR
23311	ZM_0200_B1_G04	ZM_0200_B1_G04_T7C	
23312	ZM_0200_B1_G04		ZM_0200_B1_G04_MR
23313	ZM_0200_B1_G05	ZM_0200_B1_G05_T7C	
23314	ZM_0200_B1_G05		ZM_0200_B1_G05_MR
23315	ZM_0200_B1_G06	ZM_0200_B1_G06_T7C	
23316	ZM_0200_B1_G06		ZM_0200_B1_G06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23317	ZM_0200_B1_G07	ZM_0200_B1_G07_T7C	
23318	ZM_0200_B1_G07		ZM_0200_B1_G07_MR
23319	ZM_0200_B1_G08	ZM_0200_B1_G08_T7C	
23320	ZM_0200_B1_G08		ZM_0200_B1_G08_MR
23321	ZM_0200_B1_G09	ZM_0200_B1_G09_T7C	
23322	ZM_0200_B1_G09		ZM_0200_B1_G09_MR
23323	ZM_0200_B1_G10	ZM_0200_B1_G10_T7C	
23324	ZM_0200_B1_G11	ZM_0200_B1_G11_T7C	
23325	ZM_0200_B1_G11		ZM_0200_B1_G11_MR
23326	ZM_0200_B1_G12	ZM_0200_B1_G12_T7C	
23327	ZM_0200_B1_G12		ZM_0200_B1_G12_MR
23328	ZM_0200_B1_H01	ZM_0200_B1_H01_T7C	
23329	ZM_0200_B1_H01		ZM_0200_B1_H01_MR
23330	ZM_0200_B1_H02	ZM_0200_B1_H02_T7C	
23331	ZM_0200_B1_H02		ZM_0200_B1_H02_MR
23332	ZM_0200_B1_H03	ZM_0200_B1_H03_T7C	
23333	ZM_0200_B1_H04	ZM_0200_B1_H04_T7C	
23334	ZM_0200_B1_H04		ZM_0200_B1_H04_MR
23335	ZM_0200_B1_H05	ZM_0200_B1_H05_T7C	
23336	ZM_0200_B1_H05		ZM_0200_B1_H05_MR
23337	ZM_0200_B1_H06	ZM_0200_B1_H06_T7C	
23338	ZM_0200_B1_H07	ZM_0200_B1_H07_T7C	
23339	ZM_0200_B1_H07		ZM_0200_B1_H07_MR
23340	ZM_0200_B1_H08	ZM_0200_B1_H08_T7C	
23341	ZM_0200_B1_H08		ZM_0200_B1_H08_MR
23342	ZM_0200_B1_H09	ZM_0200_B1_H09_T7C	
23343	ZM_0200_B1_H09		ZM_0200_B1_H09_MR
23344	ZM_0200_B1_H10	ZM_0200_B1_H10_T7C	
23345	ZM_0200_B1_H11		ZM_0200_B1_H11_MR
23346	ZM_0200_B1_H12	ZM_0200_B1_H12_T7C	
23347	ZM_0200_B1_H12		ZM_0200_B1_H12_MR
23348	ZM_0200_B2_A01		ZM_0200_B2_A01_MR
23349	ZM_0200_B2_A02	ZM_0200_B2_A02_T7C	
23350	ZM_0200_B2_A02		ZM_0200_B2_A02_MR
23351	ZM_0200_B2_A03	ZM_0200_B2_A03_T7C	
23352	ZM_0200_B2_A04	ZM_0200_B2_A04_T7C	
23353	ZM_0200_B2_A04		ZM_0200_B2_A04_MR
23354	ZM_0200_B2_A05	ZM_0200_B2_A05_T7C	
23355	ZM_0200_B2_A05		ZM_0200_B2_A05_MR
23356	ZM_0200_B2_A06	ZM_0200_B2_A06_T7C	
23357	ZM_0200_B2_A06		ZM_0200_B2_A06_MR
23358	ZM_0200_B2_A07		ZM_0200_B2_A07_MR
23359	ZM_0200_B2_A08	ZM_0200_B2_A08_T7C	
23360	ZM_0200_B2_A08		ZM_0200_B2_A08_MR
23361	ZM_0200_B2_A09	ZM_0200_B2_A09_T7C	
23362	ZM_0200_B2_A09		ZM_0200_B2_A09_MR
23363	ZM_0200_B2_A10	ZM_0200_B2_A10_T7C	
23364	ZM_0200_B2_A10		ZM_0200_B2_A10_MR
23365	ZM_0200_B2_A11	ZM_0200_B2_A11_T7C	
23366	ZM_0200_B2_A11		ZM_0200_B2_A11_MR
23367	ZM_0200_B2_A12	ZM_0200_B2_A12_T7C	
23368	ZM_0200_B2_A12		ZM_0200_B2_A12_MR
23369	ZM_0200_B2_B01	ZM_0200_B2_B01_T7C	
23370	ZM_0200_B2_B01		ZM_0200_B2_B01_MR
23371	ZM_0200_B2_B02	ZM_0200_B2_B02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23372	ZM_0200_B2_B02		ZM_0200_B2_B02_MR
23373	ZM_0200_B2_B03	ZM_0200_B2_B03_T7C	
23374	ZM_0200_B2_B03		ZM_0200_B2_B03_MR
23375	ZM_0200_B2_B04	ZM_0200_B2_B04_T7C	
23376	ZM_0200_B2_B04		ZM_0200_B2_B04_MR
23377	ZM_0200_B2_B05	ZM_0200_B2_B05_T7C	
23378	ZM_0200_B2_B06	ZM_0200_B2_B06_T7C	
23379	ZM_0200_B2_B06		ZM_0200_B2_B06_MR
23380	ZM_0200_B2_B07	ZM_0200_B2_B07_T7C	
23381	ZM_0200_B2_B07		ZM_0200_B2_B07_MR
23382	ZM_0200_B2_B08	ZM_0200_B2_B08_T7C	
23383	ZM_0200_B2_B08		ZM_0200_B2_B08_MR
23384	ZM_0200_B2_B09	ZM_0200_B2_B09_T7C	
23385	ZM_0200_B2_B09		ZM_0200_B2_B09_MR
23386	ZM_0200_B2_B11		ZM_0200_B2_B11_MR
23387	ZM_0200_B2_B12	ZM_0200_B2_B12_T7C	
23388	ZM_0200_B2_B12		ZM_0200_B2_B12_MR
23389	ZM_0200_B2_C01	ZM_0200_B2_C01_T7C	
23390	ZM_0200_B2_C01		ZM_0200_B2_C01_MR
23391	ZM_0200_B2_C02	ZM_0200_B2_C02_T7C	
23392	ZM_0200_B2_C02		ZM_0200_B2_C02_MR
23393	ZM_0200_B2_C03	ZM_0200_B2_C03_T7C	
23394	ZM_0200_B2_C03		ZM_0200_B2_C03_MR
23395	ZM_0200_B2_C04	ZM_0200_B2_C04_T7C	
23396	ZM_0200_B2_C04		ZM_0200_B2_C04_MR
23397	ZM_0200_B2_C05	ZM_0200_B2_C05_T7C	
23398	ZM_0200_B2_C05		ZM_0200_B2_C05_MR
23399	ZM_0200_B2_C06	ZM_0200_B2_C06_T7C	
23400	ZM_0200_B2_C06		ZM_0200_B2_C06_MR
23401	ZM_0200_B2_C07	ZM_0200_B2_C07_T7C	
23402	ZM_0200_B2_C07		ZM_0200_B2_C07_MR
23403	ZM_0200_B2_C08	ZM_0200_B2_C08_T7C	
23404	ZM_0200_B2_C08		ZM_0200_B2_C08_MR
23405	ZM_0200_B2_C09	ZM_0200_B2_C09_T7C	
23406	ZM_0200_B2_C09		ZM_0200_B2_C09_MR
23407	ZM_0200_B2_C10	ZM_0200_B2_C10_T7C	
23408	ZM_0200_B2_C10		ZM_0200_B2_C10_MR
23409	ZM_0200_B2_C11	ZM_0200_B2_C11_T7C	
23410	ZM_0200_B2_C11		ZM_0200_B2_C11_MR
23411	ZM_0200_B2_C12	ZM_0200_B2_C12_T7C	
23412	ZM_0200_B2_C12		ZM_0200_B2_C12_MR
23413	ZM_0200_B2_D01	ZM_0200_B2_D01_T7C	
23414	ZM_0200_B2_D01		ZM_0200_B2_D01_MR
23415	ZM_0200_B2_D02	ZM_0200_B2_D02_T7C	
23416	ZM_0200_B2_D02		ZM_0200_B2_D02_MR
23417	ZM_0200_B2_D03	ZM_0200_B2_D03_T7C	
23418	ZM_0200_B2_D03		ZM_0200_B2_D03_MR
23419	ZM_0200_B2_D04	ZM_0200_B2_D04_T7C	
23420	ZM_0200_B2_D05	ZM_0200_B2_D05_T7C	
23421	ZM_0200_B2_D05		ZM_0200_B2_D05_MR
23422	ZM_0200_B2_D06	ZM_0200_B2_D06_T7C	
23423	ZM_0200_B2_D06		ZM_0200_B2_D06_MR
23424	ZM_0200_B2_D07	ZM_0200_B2_D07_T7C	
23425	ZM_0200_B2_D07		ZM_0200_B2_D07_MR
23426	ZM_0200_B2_D08		ZM_0200_B2_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23427	ZM_0200_B2_D09	ZM_0200_B2_D09_T7C	
23428	ZM_0200_B2_D09		ZM_0200_B2_D09_MR
23429	ZM_0200_B2_D10	ZM_0200_B2_D10_T7C	
23430	ZM_0200_B2_D10		ZM_0200_B2_D10_MR
23431	ZM_0200_B2_D11	ZM_0200_B2_D11_T7C	
23432	ZM_0200_B2_D11		ZM_0200_B2_D11_MR
23433	ZM_0200_B2_D12	ZM_0200_B2_D12_T7C	
23434	ZM_0200_B2_D12		ZM_0200_B2_D12_MR
23435	ZM_0200_B2_E01		ZM_0200_B2_E01_MR
23436	ZM_0200_B2_E02	ZM_0200_B2_E02_T7C	
23437	ZM_0200_B2_E02		ZM_0200_B2_E02_MR
23438	ZM_0200_B2_E03	ZM_0200_B2_E03_T7C	
23439	ZM_0200_B2_E03		ZM_0200_B2_E03_MR
23440	ZM_0200_B2_E04	ZM_0200_B2_E04_T7C	
23441	ZM_0200_B2_E04		ZM_0200_B2_E04_MR
23442	ZM_0200_B2_E05	ZM_0200_B2_E05_T7C	
23443	ZM_0200_B2_E06	ZM_0200_B2_E06_T7C	
23444	ZM_0200_B2_E06		ZM_0200_B2_E06_MR
23445	ZM_0200_B2_E07	ZM_0200_B2_E07_T7C	
23446	ZM_0200_B2_E07		ZM_0200_B2_E07_MR
23447	ZM_0200_B2_E08	ZM_0200_B2_E08_T7C	
23448	ZM_0200_B2_E08		ZM_0200_B2_E08_MR
23449	ZM_0200_B2_E09	ZM_0200_B2_E09_T7C	
23450	ZM_0200_B2_E09		ZM_0200_B2_E09_MR
23451	ZM_0200_B2_E10	ZM_0200_B2_E10_T7C	
23452	ZM_0200_B2_E10		ZM_0200_B2_E10_MR
23453	ZM_0200_B2_E11	ZM_0200_B2_E11_T7C	
23454	ZM_0200_B2_E11		ZM_0200_B2_E11_MR
23455	ZM_0200_B2_E12	ZM_0200_B2_E12_T7C	
23456	ZM_0200_B2_E12		ZM_0200_B2_E12_MR
23457	ZM_0200_B2_F01	ZM_0200_B2_F01_T7C	
23458	ZM_0200_B2_F01		ZM_0200_B2_F01_MR
23459	ZM_0200_B2_F02	ZM_0200_B2_F02_T7C	
23460	ZM_0200_B2_F02		ZM_0200_B2_F02_MR
23461	ZM_0200_B2_F03	ZM_0200_B2_F03_T7C	
23462	ZM_0200_B2_F03		ZM_0200_B2_F03_MR
23463	ZM_0200_B2_F04	ZM_0200_B2_F04_T7C	
23464	ZM_0200_B2_F04		ZM_0200_B2_F04_MR
23465	ZM_0200_B2_F05	ZM_0200_B2_F05_T7C	
23466	ZM_0200_B2_F05		ZM_0200_B2_F05_MR
23467	ZM_0200_B2_F06	ZM_0200_B2_F06_T7C	
23468	ZM_0200_B2_F06		ZM_0200_B2_F06_MR
23469	ZM_0200_B2_F07	ZM_0200_B2_F07_T7C	
23470	ZM_0200_B2_F07		ZM_0200_B2_F07_MR
23471	ZM_0200_B2_F08		ZM_0200_B2_F08_MR
23472	ZM_0200_B2_F09	ZM_0200_B2_F09_T7C	
23473	ZM_0200_B2_F09		ZM_0200_B2_F09_MR
23474	ZM_0200_B2_F10	ZM_0200_B2_F10_T7C	
23475	ZM_0200_B2_F10		ZM_0200_B2_F10_MR
23476	ZM_0200_B2_F12	ZM_0200_B2_F12_T7C	
23477	ZM_0200_B2_F12		ZM_0200_B2_F12_MR
23478	ZM_0200_B2_G01	ZM_0200_B2_G01_T7C	
23479	ZM_0200_B2_G01		ZM_0200_B2_G01_MR
23480	ZM_0200_B2_G02	ZM_0200_B2_G02_T7C	
23481	ZM_0200_B2_G02		ZM_0200_B2_G02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23482	ZM_0200_B2_G03	ZM_0200_B2_G03_T7C	
23483	ZM_0200_B2_G03		ZM_0200_B2_G03_MR
23484	ZM_0200_B2_G06		ZM_0200_B2_G06_MR
23485	ZM_0200_B2_G07	ZM_0200_B2_G07_T7C	
23486	ZM_0200_B2_G07		ZM_0200_B2_G07_MR
23487	ZM_0200_B2_G08	ZM_0200_B2_G08_T7C	
23488	ZM_0200_B2_G09	ZM_0200_B2_G09_T7C	
23489	ZM_0200_B2_G09		ZM_0200_B2_G09_MR
23490	ZM_0200_B2_G10	ZM_0200_B2_G10_T7C	
23491	ZM_0200_B2_G10		ZM_0200_B2_G10_MR
23492	ZM_0200_B2_G11		ZM_0200_B2_G11_MR
23493	ZM_0200_B2_G12	ZM_0200_B2_G12_T7C	
23494	ZM_0200_B2_G12		ZM_0200_B2_G12_MR
23495	ZM_0200_B2_H01	ZM_0200_B2_H01_T7C	
23496	ZM_0200_B2_H01		ZM_0200_B2_H01_MR
23497	ZM_0200_B2_H02	ZM_0200_B2_H02_T7C	
23498	ZM_0200_B2_H02		ZM_0200_B2_H02_MR
23499	ZM_0200_B2_H03	ZM_0200_B2_H03_T7C	
23500	ZM_0200_B2_H03		ZM_0200_B2_H03_MR
23501	ZM_0200_B2_H04	ZM_0200_B2_H04_T7C	
23502	ZM_0200_B2_H04		ZM_0200_B2_H04_MR
23503	ZM_0200_B2_H05	ZM_0200_B2_H05_T7C	
23504	ZM_0200_B2_H05		ZM_0200_B2_H05_MR
23505	ZM_0200_B2_H06	ZM_0200_B2_H06_T7C	
23506	ZM_0200_B2_H06		ZM_0200_B2_H06_MR
23507	ZM_0200_B2_H07	ZM_0200_B2_H07_T7C	
23508	ZM_0200_B2_H07		ZM_0200_B2_H07_MR
23509	ZM_0200_B2_H08		ZM_0200_B2_H08_MR
23510	ZM_0200_B2_H09	ZM_0200_B2_H09_T7C	
23511	ZM_0200_B2_H09		ZM_0200_B2_H09_MR
23512	ZM_0200_B2_H11	ZM_0200_B2_H11_T7C	
23513	ZM_0200_B2_H11		ZM_0200_B2_H11_MR
23514	ZM_0200_B2_H12	ZM_0200_B2_H12_T7C	
23515	ZM_0200_B2_H12		ZM_0200_B2_H12_MR
23516	ZM_0201_A2_A04		ZM_0201_A2_A04_MR
23517	ZM_0201_A2_A05		ZM_0201_A2_A05_MR
23518	ZM_0201_A2_A06		ZM_0201_A2_A06_MR
23519	ZM_0201_A2_A07		ZM_0201_A2_A07_MR
23520	ZM_0201_A2_A08		ZM_0201_A2_A08_MR
23521	ZM_0201_A2_A09		ZM_0201_A2_A09_MR
23522	ZM_0201_A2_A10		ZM_0201_A2_A10_MR
23523	ZM_0201_A2_A11		ZM_0201_A2_A11_MR
23524	ZM_0201_A2_B04		ZM_0201_A2_B04_MR
23525	ZM_0201_A2_B05		ZM_0201_A2_B05_MR
23526	ZM_0201_A2_B06		ZM_0201_A2_B06_MR
23527	ZM_0201_A2_B07		ZM_0201_A2_B07_MR
23528	ZM_0201_A2_B08		ZM_0201_A2_B08_MR
23529	ZM_0201_A2_B09		ZM_0201_A2_B09_MR
23530	ZM_0201_A2_B10		ZM_0201_A2_B10_MR
23531	ZM_0201_A2_B11		ZM_0201_A2_B11_MR
23532	ZM_0201_A2_C02		ZM_0201_A2_C02_MR
23533	ZM_0201_A2_C05		ZM_0201_A2_C05_MR
23534	ZM_0201_A2_C06		ZM_0201_A2_C06_MR
23535	ZM_0201_A2_C07		ZM_0201_A2_C07_MR
23536	ZM_0201_A2_C08		ZM_0201_A2_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23537	ZM_0201_A2_C10		ZM_0201_A2_C10_MR
23538	ZM_0201_A2_C11		ZM_0201_A2_C11_MR
23539	ZM_0201_A2_D06		ZM_0201_A2_D06_MR
23540	ZM_0201_A2_D08		ZM_0201_A2_D08_MR
23541	ZM_0201_A2_D09		ZM_0201_A2_D09_MR
23542	ZM_0201_A2_D10		ZM_0201_A2_D10_MR
23543	ZM_0201_A2_D11		ZM_0201_A2_D11_MR
23544	ZM_0201_A2_E04		ZM_0201_A2_E04_MR
23545	ZM_0201_A2_E05		ZM_0201_A2_E05_MR
23546	ZM_0201_A2_E06		ZM_0201_A2_E06_MR
23547	ZM_0201_A2_E07		ZM_0201_A2_E07_MR
23548	ZM_0201_A2_E08		ZM_0201_A2_E08_MR
23549	ZM_0201_A2_E09		ZM_0201_A2_E09_MR
23550	ZM_0201_A2_E10		ZM_0201_A2_E10_MR
23551	ZM_0201_A2_E11		ZM_0201_A2_E11_MR
23552	ZM_0201_A2_E12		ZM_0201_A2_E12_MR
23553	ZM_0201_A2_F03		ZM_0201_A2_F03_MR
23554	ZM_0201_A2_F04		ZM_0201_A2_F04_MR
23555	ZM_0201_A2_F05		ZM_0201_A2_F05_MR
23556	ZM_0201_A2_F06		ZM_0201_A2_F06_MR
23557	ZM_0201_A2_F07		ZM_0201_A2_F07_MR
23558	ZM_0201_A2_F09		ZM_0201_A2_F09_MR
23559	ZM_0201_A2_F11		ZM_0201_A2_F11_MR
23560	ZM_0201_A2_F12		ZM_0201_A2_F12_MR
23561	ZM_0201_A2_G02		ZM_0201_A2_G02_MR
23562	ZM_0201_A2_G03		ZM_0201_A2_G03_MR
23563	ZM_0201_A2_G04		ZM_0201_A2_G04_MR
23564	ZM_0201_A2_G05		ZM_0201_A2_G05_MR
23565	ZM_0201_A2_G06		ZM_0201_A2_G06_MR
23566	ZM_0201_A2_G07		ZM_0201_A2_G07_MR
23567	ZM_0201_A2_G08		ZM_0201_A2_G08_MR
23568	ZM_0201_A2_G09		ZM_0201_A2_G09_MR
23569	ZM_0201_A2_G10		ZM_0201_A2_G10_MR
23570	ZM_0201_A2_G11		ZM_0201_A2_G11_MR
23571	ZM_0201_A2_H04		ZM_0201_A2_H04_MR
23572	ZM_0201_A2_H05		ZM_0201_A2_H05_MR
23573	ZM_0201_A2_H06		ZM_0201_A2_H06_MR
23574	ZM_0201_A2_H07		ZM_0201_A2_H07_MR
23575	ZM_0201_A2_H09		ZM_0201_A2_H09_MR
23576	ZM_0201_A2_H11		ZM_0201_A2_H11_MR
23577	ZM_0201_B1_A02		ZM_0201_B1_A02_MR
23578	ZM_0201_B1_A04		ZM_0201_B1_A04_MR
23579	ZM_0201_B1_A07		ZM_0201_B1_A07_MR
23580	ZM_0201_B1_A09		ZM_0201_B1_A09_MR
23581	ZM_0201_B1_A10		ZM_0201_B1_A10_MR
23582	ZM_0201_B1_A11		ZM_0201_B1_A11_MR
23583	ZM_0201_B1_A12		ZM_0201_B1_A12_MR
23584	ZM_0201_B1_B02		ZM_0201_B1_B02_MR
23585	ZM_0201_B1_B03		ZM_0201_B1_B03_MR
23586	ZM_0201_B1_B04		ZM_0201_B1_B04_MR
23587	ZM_0201_B1_B05		ZM_0201_B1_B05_MR
23588	ZM_0201_B1_B06		ZM_0201_B1_B06_MR
23589	ZM_0201_B1_B07		ZM_0201_B1_B07_MR
23590	ZM_0201_B1_B09		ZM_0201_B1_B09_MR
23591	ZM_0201_B1_B10		ZM_0201_B1_B10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23592	ZM_0201_B1_B11		ZM_0201_B1_B11_MR
23593	ZM_0201_B1_B12		ZM_0201_B1_B12_MR
23594	ZM_0201_B1_C02		ZM_0201_B1_C02_MR
23595	ZM_0201_B1_C04		ZM_0201_B1_C04_MR
23596	ZM_0201_B1_C05		ZM_0201_B1_C05_MR
23597	ZM_0201_B1_C06		ZM_0201_B1_C06_MR
23598	ZM_0201_B1_C07		ZM_0201_B1_C07_MR
23599	ZM_0201_B1_C09		ZM_0201_B1_C09_MR
23600	ZM_0201_B1_C10		ZM_0201_B1_C10_MR
23601	ZM_0201_B1_C11		ZM_0201_B1_C11_MR
23602	ZM_0201_B1_C12		ZM_0201_B1_C12_MR
23603	ZM_0201_B1_E03		ZM_0201_B1_E03_MR
23604	ZM_0201_B1_E04		ZM_0201_B1_E04_MR
23605	ZM_0201_B1_E05		ZM_0201_B1_E05_MR
23606	ZM_0201_B1_E06		ZM_0201_B1_E06_MR
23607	ZM_0201_B1_E09		ZM_0201_B1_E09_MR
23608	ZM_0201_B1_E10		ZM_0201_B1_E10_MR
23609	ZM_0201_B1_F01		ZM_0201_B1_F01_MR
23610	ZM_0201_B1_F07		ZM_0201_B1_F07_MR
23611	ZM_0201_B1_F08		ZM_0201_B1_F08_MR
23612	ZM_0201_B1_F10		ZM_0201_B1_F10_MR
23613	ZM_0201_B1_F11		ZM_0201_B1_F11_MR
23614	ZM_0201_B1_G01		ZM_0201_B1_G01_MR
23615	ZM_0201_B1_G03		ZM_0201_B1_G03_MR
23616	ZM_0201_B1_G06		ZM_0201_B1_G06_MR
23617	ZM_0201_B1_G07		ZM_0201_B1_G07_MR
23618	ZM_0201_B1_G10		ZM_0201_B1_G10_MR
23619	ZM_0201_B1_G12		ZM_0201_B1_G12_MR
23620	ZM_0201_B1_H01		ZM_0201_B1_H01_MR
23621	ZM_0201_B1_H05		ZM_0201_B1_H05_MR
23622	ZM_0201_B1_H10		ZM_0201_B1_H10_MR
23623	ZM_0201_B1_H12		ZM_0201_B1_H12_MR
23624	ZM_0201_B2_A01	ZM_0201_B2_A01_T7C	
23625	ZM_0201_B2_A02	ZM_0201_B2_A02_T7C	
23626	ZM_0201_B2_A03	ZM_0201_B2_A03_T7C	
23627	ZM_0201_B2_A04	ZM_0201_B2_A04_T7C	
23628	ZM_0201_B2_A05	ZM_0201_B2_A05_T7C	
23629	ZM_0201_B2_A10	ZM_0201_B2_A10_T7C	
23630	ZM_0201_B2_A11	ZM_0201_B2_A11_T7C	
23631	ZM_0201_B2_A12	ZM_0201_B2_A12_T7C	
23632	ZM_0201_B2_B01	ZM_0201_B2_B01_T7C	
23633	ZM_0201_B2_B02	ZM_0201_B2_B02_T7C	
23634	ZM_0201_B2_B03	ZM_0201_B2_B03_T7C	
23635	ZM_0201_B2_B04	ZM_0201_B2_B04_T7C	
23636	ZM_0201_B2_B05	ZM_0201_B2_B05_T7C	
23637	ZM_0201_B2_B06	ZM_0201_B2_B06_T7C	
23638	ZM_0201_B2_B07	ZM_0201_B2_B07_T7C	
23639	ZM_0201_B2_B08	ZM_0201_B2_B08_T7C	
23640	ZM_0201_B2_B09	ZM_0201_B2_B09_T7C	
23641	ZM_0201_B2_B10	ZM_0201_B2_B10_T7C	
23642	ZM_0201_B2_B11	ZM_0201_B2_B11_T7C	
23643	ZM_0201_B2_B12	ZM_0201_B2_B12_T7C	
23644	ZM_0201_B2_C01	ZM_0201_B2_C01_T7C	
23645	ZM_0201_B2_C02	ZM_0201_B2_C02_T7C	
23646	ZM_0201_B2_C03	ZM_0201_B2_C03_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23647	ZM_0201_B2_C04	ZM_0201_B2_C04_T7C	
23648	ZM_0201_B2_C05	ZM_0201_B2_C05_T7C	
23649	ZM_0201_B2_C06	ZM_0201_B2_C06_T7C	
23650	ZM_0201_B2_C07	ZM_0201_B2_C07_T7C	
23651	ZM_0201_B2_C08	ZM_0201_B2_C08_T7C	
23652	ZM_0201_B2_C09	ZM_0201_B2_C09_T7C	
23653	ZM_0201_B2_C10	ZM_0201_B2_C10_T7C	
23654	ZM_0201_B2_C11	ZM_0201_B2_C11_T7C	
23655	ZM_0201_B2_C12	ZM_0201_B2_C12_T7C	
23656	ZM_0201_B2_D01	ZM_0201_B2_D01_T7C	
23657	ZM_0201_B2_D02	ZM_0201_B2_D02_T7C	
23658	ZM_0201_B2_D03	ZM_0201_B2_D03_T7C	
23659	ZM_0201_B2_D04	ZM_0201_B2_D04_T7C	
23660	ZM_0201_B2_D05	ZM_0201_B2_D05_T7C	
23661	ZM_0201_B2_D06	ZM_0201_B2_D06_T7C	
23662	ZM_0201_B2_D07	ZM_0201_B2_D07_T7C	
23663	ZM_0201_B2_D08	ZM_0201_B2_D08_T7C	
23664	ZM_0201_B2_D09	ZM_0201_B2_D09_T7C	
23665	ZM_0201_B2_D10	ZM_0201_B2_D10_T7C	
23666	ZM_0201_B2_D11	ZM_0201_B2_D11_T7C	
23667	ZM_0201_B2_D12	ZM_0201_B2_D12_T7C	
23668	ZM_0201_B2_E01	ZM_0201_B2_E01_T7C	
23669	ZM_0201_B2_E03	ZM_0201_B2_E03_T7C	
23670	ZM_0201_B2_E04	ZM_0201_B2_E04_T7C	
23671	ZM_0201_B2_E05	ZM_0201_B2_E05_T7C	
23672	ZM_0201_B2_E06	ZM_0201_B2_E06_T7C	
23673	ZM_0201_B2_E07	ZM_0201_B2_E07_T7C	
23674	ZM_0201_B2_E08	ZM_0201_B2_E08_T7C	
23675	ZM_0201_B2_E09	ZM_0201_B2_E09_T7C	
23676	ZM_0201_B2_E10	ZM_0201_B2_E10_T7C	
23677	ZM_0201_B2_E11	ZM_0201_B2_E11_T7C	
23678	ZM_0201_B2_E12	ZM_0201_B2_E12_T7C	
23679	ZM_0201_B2_F01	ZM_0201_B2_F01_T7C	
23680	ZM_0201_B2_F02	ZM_0201_B2_F02_T7C	
23681	ZM_0201_B2_F03	ZM_0201_B2_F03_T7C	
23682	ZM_0201_B2_F05	ZM_0201_B2_F05_T7C	
23683	ZM_0201_B2_F06	ZM_0201_B2_F06_T7C	
23684	ZM_0201_B2_F07	ZM_0201_B2_F07_T7C	
23685	ZM_0201_B2_F08	ZM_0201_B2_F08_T7C	
23686	ZM_0201_B2_F09	ZM_0201_B2_F09_T7C	
23687	ZM_0201_B2_F10	ZM_0201_B2_F10_T7C	
23688	ZM_0201_B2_F11	ZM_0201_B2_F11_T7C	
23689	ZM_0201_B2_G01	ZM_0201_B2_G01_T7C	
23690	ZM_0201_B2_G02	ZM_0201_B2_G02_T7C	
23691	ZM_0201_B2_G03	ZM_0201_B2_G03_T7C	
23692	ZM_0201_B2_G04	ZM_0201_B2_G04_T7C	
23693	ZM_0201_B2_G05	ZM_0201_B2_G05_T7C	
23694	ZM_0201_B2_G06	ZM_0201_B2_G06_T7C	
23695	ZM_0201_B2_G07	ZM_0201_B2_G07_T7C	
23696	ZM_0201_B2_G08	ZM_0201_B2_G08_T7C	
23697	ZM_0201_B2_G09	ZM_0201_B2_G09_T7C	
23698	ZM_0201_B2_G10	ZM_0201_B2_G10_T7C	
23699	ZM_0201_B2_G11	ZM_0201_B2_G11_T7C	
23700	ZM_0201_B2_G12	ZM_0201_B2_G12_T7C	
23701	ZM_0201_B2_H01	ZM_0201_B2_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23702	ZM_0201_B2_H02	ZM_0201_B2_H02_T7C	
23703	ZM_0201_B2_H03	ZM_0201_B2_H03_T7C	
23704	ZM_0201_B2_H04	ZM_0201_B2_H04_T7C	
23705	ZM_0201_B2_H05	ZM_0201_B2_H05_T7C	
23706	ZM_0201_B2_H06	ZM_0201_B2_H06_T7C	
23707	ZM_0201_B2_H07	ZM_0201_B2_H07_T7C	
23708	ZM_0201_B2_H08	ZM_0201_B2_H08_T7C	
23709	ZM_0201_B2_H09	ZM_0201_B2_H09_T7C	
23710	ZM_0201_B2_H11	ZM_0201_B2_H11_T7C	
23711	ZM_0201_B2_H12	ZM_0201_B2_H12_T7C	
23712	ZM_0202_A1_A02		ZM_0202_A1_A02_MR
23713	ZM_0202_A1_A07		ZM_0202_A1_A07_MR
23714	ZM_0202_A1_A09		ZM_0202_A1_A09_MR
23715	ZM_0202_A1_A11		ZM_0202_A1_A11_MR
23716	ZM_0202_A1_B02		ZM_0202_A1_B02_MR
23717	ZM_0202_A1_B04		ZM_0202_A1_B04_MR
23718	ZM_0202_A1_B05		ZM_0202_A1_B05_MR
23719	ZM_0202_A1_B07		ZM_0202_A1_B07_MR
23720	ZM_0202_A1_B09		ZM_0202_A1_B09_MR
23721	ZM_0202_A1_B10		ZM_0202_A1_B10_MR
23722	ZM_0202_A1_B11		ZM_0202_A1_B11_MR
23723	ZM_0202_A1_B12		ZM_0202_A1_B12_MR
23724	ZM_0202_A1_C02		ZM_0202_A1_C02_MR
23725	ZM_0202_A1_C05		ZM_0202_A1_C05_MR
23726	ZM_0202_A1_C06		ZM_0202_A1_C06_MR
23727	ZM_0202_A1_C07		ZM_0202_A1_C07_MR
23728	ZM_0202_A1_C10		ZM_0202_A1_C10_MR
23729	ZM_0202_A1_D01		ZM_0202_A1_D01_MR
23730	ZM_0202_A1_D05		ZM_0202_A1_D05_MR
23731	ZM_0202_A1_D06		ZM_0202_A1_D06_MR
23732	ZM_0202_A1_D07		ZM_0202_A1_D07_MR
23733	ZM_0202_A1_D08		ZM_0202_A1_D08_MR
23734	ZM_0202_A1_D09		ZM_0202_A1_D09_MR
23735	ZM_0202_A1_D10		ZM_0202_A1_D10_MR
23736	ZM_0202_A1_E02		ZM_0202_A1_E02_MR
23737	ZM_0202_A1_E04		ZM_0202_A1_E04_MR
23738	ZM_0202_A1_E11		ZM_0202_A1_E11_MR
23739	ZM_0202_A1_F01		ZM_0202_A1_F01_MR
23740	ZM_0202_A1_F05		ZM_0202_A1_F05_MR
23741	ZM_0202_A1_F10		ZM_0202_A1_F10_MR
23742	ZM_0202_A1_F11		ZM_0202_A1_F11_MR
23743	ZM_0202_A1_G05		ZM_0202_A1_G05_MR
23744	ZM_0202_A1_G10		ZM_0202_A1_G10_MR
23745	ZM_0202_A1_H02		ZM_0202_A1_H02_MR
23746	ZM_0202_A1_H04		ZM_0202_A1_H04_MR
23747	ZM_0202_A1_H07		ZM_0202_A1_H07_MR
23748	ZM_0202_A1_H08		ZM_0202_A1_H08_MR
23749	ZM_0202_A2_A02	ZM_0202_A2_A02_MF	
23750	ZM_0202_A2_A04	ZM_0202_A2_A04_MF	
23751	ZM_0202_A2_A05	ZM_0202_A2_A05_MF	
23752	ZM_0202_A2_A06	ZM_0202_A2_A06_MF	
23753	ZM_0202_A2_A07	ZM_0202_A2_A07_MF	
23754	ZM_0202_A2_A08	ZM_0202_A2_A08_MF	
23755	ZM_0202_A2_A09	ZM_0202_A2_A09_MF	
23756	ZM_0202_A2_A10	ZM_0202_A2_A10_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23757	ZM_0202_A2_A12	ZM_0202_A2_A12_MF	
23758	ZM_0202_A2_B01	ZM_0202_A2_B01_MF	
23759	ZM_0202_A2_B02	ZM_0202_A2_B02_MF	
23760	ZM_0202_A2_B03	ZM_0202_A2_B03_MF	
23761	ZM_0202_A2_B06	ZM_0202_A2_B06_MF	
23762	ZM_0202_A2_B07	ZM_0202_A2_B07_MF	
23763	ZM_0202_A2_B08	ZM_0202_A2_B08_MF	
23764	ZM_0202_A2_B11	ZM_0202_A2_B11_MF	
23765	ZM_0202_A2_B12	ZM_0202_A2_B12_MF	
23766	ZM_0202_A2_C01	ZM_0202_A2_C01_MF	
23767	ZM_0202_A2_C02	ZM_0202_A2_C02_MF	
23768	ZM_0202_A2_C03	ZM_0202_A2_C03_MF	
23769	ZM_0202_A2_C07	ZM_0202_A2_C07_MF	
23770	ZM_0202_A2_C09	ZM_0202_A2_C09_MF	
23771	ZM_0202_A2_C10	ZM_0202_A2_C10_MF	
23772	ZM_0202_A2_C11	ZM_0202_A2_C11_MF	
23773	ZM_0202_A2_C12	ZM_0202_A2_C12_MF	
23774	ZM_0202_A2_D02	ZM_0202_A2_D02_MF	
23775	ZM_0202_A2_D03	ZM_0202_A2_D03_MF	
23776	ZM_0202_A2_D04	ZM_0202_A2_D04_MF	
23777	ZM_0202_A2_D07	ZM_0202_A2_D07_MF	
23778	ZM_0202_A2_D10	ZM_0202_A2_D10_MF	
23779	ZM_0202_A2_D11	ZM_0202_A2_D11_MF	
23780	ZM_0202_A2_D12	ZM_0202_A2_D12_MF	
23781	ZM_0202_A2_E01	ZM_0202_A2_E01_MF	
23782	ZM_0202_A2_E02	ZM_0202_A2_E02_MF	
23783	ZM_0202_A2_E04	ZM_0202_A2_E04_MF	
23784	ZM_0202_A2_E05	ZM_0202_A2_E05_MF	
23785	ZM_0202_A2_E07	ZM_0202_A2_E07_MF	
23786	ZM_0202_A2_E08	ZM_0202_A2_E08_MF	
23787	ZM_0202_A2_E09	ZM_0202_A2_E09_MF	
23788	ZM_0202_A2_E10	ZM_0202_A2_E10_MF	
23789	ZM_0202_A2_E11	ZM_0202_A2_E11_MF	
23790	ZM_0202_A2_E12	ZM_0202_A2_E12_MF	
23791	ZM_0202_A2_F02	ZM_0202_A2_F02_MF	
23792	ZM_0202_A2_F03	ZM_0202_A2_F03_MF	
23793	ZM_0202_A2_F07	ZM_0202_A2_F07_MF	
23794	ZM_0202_A2_F08	ZM_0202_A2_F08_MF	
23795	ZM_0202_A2_F09	ZM_0202_A2_F09_MF	
23796	ZM_0202_A2_F11	ZM_0202_A2_F11_MF	
23797	ZM_0202_A2_F12	ZM_0202_A2_F12_MF	
23798	ZM_0202_A2_G05	ZM_0202_A2_G05_MF	
23799	ZM_0202_A2_G07	ZM_0202_A2_G07_MF	
23800	ZM_0202_A2_G08	ZM_0202_A2_G08_MF	
23801	ZM_0202_A2_G09	ZM_0202_A2_G09_MF	
23802	ZM_0202_A2_G10	ZM_0202_A2_G10_MF	
23803	ZM_0202_A2_G12	ZM_0202_A2_G12_MF	
23804	ZM_0202_A2_H01	ZM_0202_A2_H01_MF	
23805	ZM_0202_A2_H04	ZM_0202_A2_H04_MF	
23806	ZM_0202_A2_H07	ZM_0202_A2_H07_MF	
23807	ZM_0202_A2_H08	ZM_0202_A2_H08_MF	
23808	ZM_0202_A2_H09	ZM_0202_A2_H09_MF	
23809	ZM_0202_A2_H11	ZM_0202_A2_H11_MF	
23810	ZM_0202_A2_H12	ZM_0202_A2_H12_MF	
23811	ZM_0202_B1_A02	ZM_0202_B1_A02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23812	ZM_0202_B1_A07	ZM_0202_B1_A07_T7C	
23813	ZM_0202_B1_A08	ZM_0202_B1_A08_T7C	
23814	ZM_0202_B1_A09	ZM_0202_B1_A09_T7C	
23815	ZM_0202_B1_A11	ZM_0202_B1_A11_T7C	
23816	ZM_0202_B1_A12	ZM_0202_B1_A12_T7C	
23817	ZM_0202_B1_B02	ZM_0202_B1_B02_T7C	
23818	ZM_0202_B1_B06	ZM_0202_B1_B06_T7C	
23819	ZM_0202_B1_B07	ZM_0202_B1_B07_T7C	
23820	ZM_0202_B1_B08	ZM_0202_B1_B08_T7C	
23821	ZM_0202_B1_B09	ZM_0202_B1_B09_T7C	
23822	ZM_0202_B1_B11	ZM_0202_B1_B11_T7C	
23823	ZM_0202_B1_B12	ZM_0202_B1_B12_T7C	
23824	ZM_0202_B1_C02	ZM_0202_B1_C02_T7C	
23825	ZM_0202_B1_C03	ZM_0202_B1_C03_T7C	
23826	ZM_0202_B1_C04	ZM_0202_B1_C04_T7C	
23827	ZM_0202_B1_C06	ZM_0202_B1_C06_T7C	
23828	ZM_0202_B1_C07	ZM_0202_B1_C07_T7C	
23829	ZM_0202_B1_C08	ZM_0202_B1_C08_T7C	
23830	ZM_0202_B1_C10	ZM_0202_B1_C10_T7C	
23831	ZM_0202_B1_C11	ZM_0202_B1_C11_T7C	
23832	ZM_0202_B1_C12	ZM_0202_B1_C12_T7C	
23833	ZM_0202_B1_D01	ZM_0202_B1_D01_T7C	
23834	ZM_0202_B1_D03	ZM_0202_B1_D03_T7C	
23835	ZM_0202_B1_D04	ZM_0202_B1_D04_T7C	
23836	ZM_0202_B1_D05	ZM_0202_B1_D05_T7C	
23837	ZM_0202_B1_D06	ZM_0202_B1_D06_T7C	
23838	ZM_0202_B1_D07	ZM_0202_B1_D07_T7C	
23839	ZM_0202_B1_D09	ZM_0202_B1_D09_T7C	
23840	ZM_0202_B1_D10	ZM_0202_B1_D10_T7C	
23841	ZM_0202_B1_D11	ZM_0202_B1_D11_T7C	
23842	ZM_0202_B1_D12	ZM_0202_B1_D12_T7C	
23843	ZM_0202_B1_E01	ZM_0202_B1_E01_T7C	
23844	ZM_0202_B1_E02	ZM_0202_B1_E02_T7C	
23845	ZM_0202_B1_E04	ZM_0202_B1_E04_T7C	
23846	ZM_0202_B1_E06	ZM_0202_B1_E06_T7C	
23847	ZM_0202_B1_E07	ZM_0202_B1_E07_T7C	
23848	ZM_0202_B1_E08	ZM_0202_B1_E08_T7C	
23849	ZM_0202_B1_E09	ZM_0202_B1_E09_T7C	
23850	ZM_0202_B1_E10	ZM_0202_B1_E10_T7C	
23851	ZM_0202_B1_E12	ZM_0202_B1_E12_T7C	
23852	ZM_0202_B1_F01	ZM_0202_B1_F01_T7C	
23853	ZM_0202_B1_F07	ZM_0202_B1_F07_T7C	
23854	ZM_0202_B1_F08	ZM_0202_B1_F08_T7C	
23855	ZM_0202_B1_F10	ZM_0202_B1_F10_T7C	
23856	ZM_0202_B1_F11	ZM_0202_B1_F11_T7C	
23857	ZM_0202_B1_F12	ZM_0202_B1_F12_T7C	
23858	ZM_0202_B1_G01	ZM_0202_B1_G01_T7C	
23859	ZM_0202_B1_G05	ZM_0202_B1_G05_T7C	
23860	ZM_0202_B1_G08	ZM_0202_B1_G08_T7C	
23861	ZM_0202_B1_G11	ZM_0202_B1_G11_T7C	
23862	ZM_0202_B1_G12	ZM_0202_B1_G12_T7C	
23863	ZM_0202_B1_H05	ZM_0202_B1_H05_T7C	
23864	ZM_0202_B1_H11	ZM_0202_B1_H11_T7C	
23865	ZM_0202_B2_A01	ZM_0202_B2_A01_T7C	
23866	ZM_0202_B2_A01		ZM_0202_B2_A01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23867	ZM_0202_B2_A02	ZM_0202_B2_A02_T7C	
23868	ZM_0202_B2_A02		ZM_0202_B2_A02_MR
23869	ZM_0202_B2_A03	ZM_0202_B2_A03_T7C	
23870	ZM_0202_B2_A04	ZM_0202_B2_A04_T7C	
23871	ZM_0202_B2_A06	ZM_0202_B2_A06_T7C	
23872	ZM_0202_B2_A08	ZM_0202_B2_A08_T7C	
23873	ZM_0202_B2_A09	ZM_0202_B2_A09_T7C	
23874	ZM_0202_B2_A10		ZM_0202_B2_A10_MR
23875	ZM_0202_B2_A11	ZM_0202_B2_A11_T7C	
23876	ZM_0202_B2_B01	ZM_0202_B2_B01_T7C	
23877	ZM_0202_B2_B02	ZM_0202_B2_B02_T7C	
23878	ZM_0202_B2_B02		ZM_0202_B2_B02_MR
23879	ZM_0202_B2_B03	ZM_0202_B2_B03_T7C	
23880	ZM_0202_B2_B03		ZM_0202_B2_B03_MR
23881	ZM_0202_B2_B04	ZM_0202_B2_B04_T7C	
23882	ZM_0202_B2_B04		ZM_0202_B2_B04_MR
23883	ZM_0202_B2_B05	ZM_0202_B2_B05_T7C	
23884	ZM_0202_B2_B06	ZM_0202_B2_B06_T7C	
23885	ZM_0202_B2_B06		ZM_0202_B2_B06_MR
23886	ZM_0202_B2_B08	ZM_0202_B2_B08_T7C	
23887	ZM_0202_B2_B09	ZM_0202_B2_B09_T7C	
23888	ZM_0202_B2_B09		ZM_0202_B2_B09_MR
23889	ZM_0202_B2_B10		ZM_0202_B2_B10_MR
23890	ZM_0202_B2_B11	ZM_0202_B2_B11_T7C	
23891	ZM_0202_B2_B11		ZM_0202_B2_B11_MR
23892	ZM_0202_B2_B12		ZM_0202_B2_B12_MR
23893	ZM_0202_B2_C01	ZM_0202_B2_C01_T7C	
23894	ZM_0202_B2_C01		ZM_0202_B2_C01_MR
23895	ZM_0202_B2_C02	ZM_0202_B2_C02_T7C	
23896	ZM_0202_B2_C02		ZM_0202_B2_C02_MR
23897	ZM_0202_B2_C03	ZM_0202_B2_C03_T7C	
23898	ZM_0202_B2_C03		ZM_0202_B2_C03_MR
23899	ZM_0202_B2_C05	ZM_0202_B2_C05_T7C	
23900	ZM_0202_B2_C06		ZM_0202_B2_C06_MR
23901	ZM_0202_B2_C07	ZM_0202_B2_C07_T7C	
23902	ZM_0202_B2_C08	ZM_0202_B2_C08_T7C	
23903	ZM_0202_B2_C08		ZM_0202_B2_C08_MR
23904	ZM_0202_B2_C09	ZM_0202_B2_C09_T7C	
23905	ZM_0202_B2_C09		ZM_0202_B2_C09_MR
23906	ZM_0202_B2_C11		ZM_0202_B2_C11_MR
23907	ZM_0202_B2_C12		ZM_0202_B2_C12_MR
23908	ZM_0202_B2_D01		ZM_0202_B2_D01_MR
23909	ZM_0202_B2_D03	ZM_0202_B2_D03_T7C	
23910	ZM_0202_B2_D03		ZM_0202_B2_D03_MR
23911	ZM_0202_B2_D04	ZM_0202_B2_D04_T7C	
23912	ZM_0202_B2_D04		ZM_0202_B2_D04_MR
23913	ZM_0202_B2_D05		ZM_0202_B2_D05_MR
23914	ZM_0202_B2_D06		ZM_0202_B2_D06_MR
23915	ZM_0202_B2_D07	ZM_0202_B2_D07_T7C	
23916	ZM_0202_B2_D08	ZM_0202_B2_D08_T7C	
23917	ZM_0202_B2_D08		ZM_0202_B2_D08_MR
23918	ZM_0202_B2_D09	ZM_0202_B2_D09_T7C	
23919	ZM_0202_B2_D09		ZM_0202_B2_D09_MR
23920	ZM_0202_B2_D10		ZM_0202_B2_D10_MR
23921	ZM_0202_B2_D11	ZM_0202_B2_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23922	ZM_0202_B2_D12		ZM_0202_B2_D12_MR
23923	ZM_0202_B2_E01	ZM_0202_B2_E01_T7C	
23924	ZM_0202_B2_E01		ZM_0202_B2_E01_MR
23925	ZM_0202_B2_E02	ZM_0202_B2_E02_T7C	
23926	ZM_0202_B2_E02		ZM_0202_B2_E02_MR
23927	ZM_0202_B2_E03		ZM_0202_B2_E03_MR
23928	ZM_0202_B2_E04	ZM_0202_B2_E04_T7C	
23929	ZM_0202_B2_E04		ZM_0202_B2_E04_MR
23930	ZM_0202_B2_E05		ZM_0202_B2_E05_MR
23931	ZM_0202_B2_E06		ZM_0202_B2_E06_MR
23932	ZM_0202_B2_E07	ZM_0202_B2_E07_T7C	
23933	ZM_0202_B2_E08	ZM_0202_B2_E08_T7C	
23934	ZM_0202_B2_E08		ZM_0202_B2_E08_MR
23935	ZM_0202_B2_E09	ZM_0202_B2_E09_T7C	
23936	ZM_0202_B2_E09		ZM_0202_B2_E09_MR
23937	ZM_0202_B2_E11	ZM_0202_B2_E11_T7C	
23938	ZM_0202_B2_E12	ZM_0202_B2_E12_T7C	
23939	ZM_0202_B2_E12		ZM_0202_B2_E12_MR
23940	ZM_0202_B2_F01	ZM_0202_B2_F01_T7C	
23941	ZM_0202_B2_F01		ZM_0202_B2_F01_MR
23942	ZM_0202_B2_F02	ZM_0202_B2_F02_T7C	
23943	ZM_0202_B2_F02		ZM_0202_B2_F02_MR
23944	ZM_0202_B2_F03	ZM_0202_B2_F03_T7C	
23945	ZM_0202_B2_F03		ZM_0202_B2_F03_MR
23946	ZM_0202_B2_F04	ZM_0202_B2_F04_T7C	
23947	ZM_0202_B2_F04		ZM_0202_B2_F04_MR
23948	ZM_0202_B2_F05		ZM_0202_B2_F05_MR
23949	ZM_0202_B2_F06	ZM_0202_B2_F06_T7C	
23950	ZM_0202_B2_F06		ZM_0202_B2_F06_MR
23951	ZM_0202_B2_F08	ZM_0202_B2_F08_T7C	
23952	ZM_0202_B2_F08		ZM_0202_B2_F08_MR
23953	ZM_0202_B2_F09	ZM_0202_B2_F09_T7C	
23954	ZM_0202_B2_F09		ZM_0202_B2_F09_MR
23955	ZM_0202_B2_F10		ZM_0202_B2_F10_MR
23956	ZM_0202_B2_F11	ZM_0202_B2_F11_T7C	
23957	ZM_0202_B2_F11		ZM_0202_B2_F11_MR
23958	ZM_0202_B2_F12		ZM_0202_B2_F12_MR
23959	ZM_0202_B2_G01	ZM_0202_B2_G01_T7C	
23960	ZM_0202_B2_G01		ZM_0202_B2_G01_MR
23961	ZM_0202_B2_G02	ZM_0202_B2_G02_T7C	
23962	ZM_0202_B2_G02		ZM_0202_B2_G02_MR
23963	ZM_0202_B2_G03	ZM_0202_B2_G03_T7C	
23964	ZM_0202_B2_G04	ZM_0202_B2_G04_T7C	
23965	ZM_0202_B2_G05		ZM_0202_B2_G05_MR
23966	ZM_0202_B2_G06	ZM_0202_B2_G06_T7C	
23967	ZM_0202_B2_G06		ZM_0202_B2_G06_MR
23968	ZM_0202_B2_G08	ZM_0202_B2_G08_T7C	
23969	ZM_0202_B2_G08		ZM_0202_B2_G08_MR
23970	ZM_0202_B2_G09		ZM_0202_B2_G09_MR
23971	ZM_0202_B2_G10		ZM_0202_B2_G10_MR
23972	ZM_0202_B2_G11	ZM_0202_B2_G11_T7C	
23973	ZM_0202_B2_G12	ZM_0202_B2_G12_T7C	
23974	ZM_0202_B2_G12		ZM_0202_B2_G12_MR
23975	ZM_0202_B2_H01	ZM_0202_B2_H01_T7C	
23976	ZM_0202_B2_H01		ZM_0202_B2_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
23977	ZM_0202_B2_H02	ZM_0202_B2_H02_T7C	
23978	ZM_0202_B2_H02		ZM_0202_B2_H02_MR
23979	ZM_0202_B2_H03		ZM_0202_B2_H03_MR
23980	ZM_0202_B2_H04	ZM_0202_B2_H04_T7C	
23981	ZM_0202_B2_H04		ZM_0202_B2_H04_MR
23982	ZM_0202_B2_H05	ZM_0202_B2_H05_T7C	
23983	ZM_0202_B2_H05		ZM_0202_B2_H05_MR
23984	ZM_0202_B2_H06	ZM_0202_B2_H06_T7C	
23985	ZM_0202_B2_H06		ZM_0202_B2_H06_MR
23986	ZM_0202_B2_H07	ZM_0202_B2_H07_T7C	
23987	ZM_0202_B2_H08	ZM_0202_B2_H08_T7C	
23988	ZM_0202_B2_H08		ZM_0202_B2_H08_MR
23989	ZM_0202_B2_H09		ZM_0202_B2_H09_MR
23990	ZM_0202_B2_H10	ZM_0202_B2_H10_T7C	
23991	ZM_0202_B2_H10		ZM_0202_B2_H10_MR
23992	ZM_0202_B2_H11	ZM_0202_B2_H11_T7C	
23993	ZM_0202_B2_H11		ZM_0202_B2_H11_MR
23994	ZM_0202_B2_H12	ZM_0202_B2_H12_T7C	
23995	ZM_0202_B2_H12		ZM_0202_B2_H12_MR
23996	ZM_0203_A1_A01	ZM_0203_A1_A01_T7C	
23997	ZM_0203_A1_A02	ZM_0203_A1_A02_T7C	
23998	ZM_0203_A1_A02		ZM_0203_A1_A02_MR
23999	ZM_0203_A1_A03	ZM_0203_A1_A03_T7C	
24000	ZM_0203_A1_A04	ZM_0203_A1_A04_T7C	
24001	ZM_0203_A1_A04		ZM_0203_A1_A04_MR
24002	ZM_0203_A1_A05	ZM_0203_A1_A05_T7C	
24003	ZM_0203_A1_A05		ZM_0203_A1_A05_MR
24004	ZM_0203_A1_A06	ZM_0203_A1_A06_T7C	
24005	ZM_0203_A1_A06		ZM_0203_A1_A06_MR
24006	ZM_0203_A1_A07		ZM_0203_A1_A07_MR
24007	ZM_0203_A1_A08	ZM_0203_A1_A08_T7C	
24008	ZM_0203_A1_A08		ZM_0203_A1_A08_MR
24009	ZM_0203_A1_A09	ZM_0203_A1_A09_T7C	
24010	ZM_0203_A1_A09		ZM_0203_A1_A09_MR
24011	ZM_0203_A1_A10	ZM_0203_A1_A10_T7C	
24012	ZM_0203_A1_A10		ZM_0203_A1_A10_MR
24013	ZM_0203_A1_A11	ZM_0203_A1_A11_T7C	
24014	ZM_0203_A1_B01	ZM_0203_A1_B01_T7C	
24015	ZM_0203_A1_B01		ZM_0203_A1_B01_MR
24016	ZM_0203_A1_B02	ZM_0203_A1_B02_T7C	
24017	ZM_0203_A1_B02		ZM_0203_A1_B02_MR
24018	ZM_0203_A1_B03	ZM_0203_A1_B03_T7C	
24019	ZM_0203_A1_B03		ZM_0203_A1_B03_MR
24020	ZM_0203_A1_B04	ZM_0203_A1_B04_T7C	
24021	ZM_0203_A1_B04		ZM_0203_A1_B04_MR
24022	ZM_0203_A1_B05	ZM_0203_A1_B05_T7C	
24023	ZM_0203_A1_B05		ZM_0203_A1_B05_MR
24024	ZM_0203_A1_B06		ZM_0203_A1_B06_MR
24025	ZM_0203_A1_B07	ZM_0203_A1_B07_T7C	
24026	ZM_0203_A1_B07		ZM_0203_A1_B07_MR
24027	ZM_0203_A1_B08	ZM_0203_A1_B08_T7C	
24028	ZM_0203_A1_B08		ZM_0203_A1_B08_MR
24029	ZM_0203_A1_B09	ZM_0203_A1_B09_T7C	
24030	ZM_0203_A1_B10	ZM_0203_A1_B10_T7C	
24031	ZM_0203_A1_B10		ZM_0203_A1_B10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24032	ZM_0203_A1_B11	ZM_0203_A1_B11_T7C	
24033	ZM_0203_A1_B11		ZM_0203_A1_B11_MR
24034	ZM_0203_A1_B12		ZM_0203_A1_B12_MR
24035	ZM_0203_A1_C01	ZM_0203_A1_C01_T7C	
24036	ZM_0203_A1_C01		ZM_0203_A1_C01_MR
24037	ZM_0203_A1_C02	ZM_0203_A1_C02_T7C	
24038	ZM_0203_A1_C02		ZM_0203_A1_C02_MR
24039	ZM_0203_A1_C03	ZM_0203_A1_C03_T7C	
24040	ZM_0203_A1_C03		ZM_0203_A1_C03_MR
24041	ZM_0203_A1_C04	ZM_0203_A1_C04_T7C	
24042	ZM_0203_A1_C04		ZM_0203_A1_C04_MR
24043	ZM_0203_A1_C05	ZM_0203_A1_C05_T7C	
24044	ZM_0203_A1_C06	ZM_0203_A1_C06_T7C	
24045	ZM_0203_A1_C06		ZM_0203_A1_C06_MR
24046	ZM_0203_A1_C07	ZM_0203_A1_C07_T7C	
24047	ZM_0203_A1_C07		ZM_0203_A1_C07_MR
24048	ZM_0203_A1_C08	ZM_0203_A1_C08_T7C	
24049	ZM_0203_A1_C08		ZM_0203_A1_C08_MR
24050	ZM_0203_A1_C09	ZM_0203_A1_C09_T7C	
24051	ZM_0203_A1_C09		ZM_0203_A1_C09_MR
24052	ZM_0203_A1_C10	ZM_0203_A1_C10_T7C	
24053	ZM_0203_A1_C10		ZM_0203_A1_C10_MR
24054	ZM_0203_A1_C11	ZM_0203_A1_C11_T7C	
24055	ZM_0203_A1_D01	ZM_0203_A1_D01_T7C	
24056	ZM_0203_A1_D01		ZM_0203_A1_D01_MR
24057	ZM_0203_A1_D02		ZM_0203_A1_D02_MR
24058	ZM_0203_A1_D03	ZM_0203_A1_D03_T7C	
24059	ZM_0203_A1_D03		ZM_0203_A1_D03_MR
24060	ZM_0203_A1_D04	ZM_0203_A1_D04_T7C	
24061	ZM_0203_A1_D04		ZM_0203_A1_D04_MR
24062	ZM_0203_A1_D05	ZM_0203_A1_D05_T7C	
24063	ZM_0203_A1_D05		ZM_0203_A1_D05_MR
24064	ZM_0203_A1_D06	ZM_0203_A1_D06_T7C	
24065	ZM_0203_A1_D07		ZM_0203_A1_D07_MR
24066	ZM_0203_A1_D08	ZM_0203_A1_D08_T7C	
24067	ZM_0203_A1_D08		ZM_0203_A1_D08_MR
24068	ZM_0203_A1_D09	ZM_0203_A1_D09_T7C	
24069	ZM_0203_A1_D09		ZM_0203_A1_D09_MR
24070	ZM_0203_A1_D11		ZM_0203_A1_D11_MR
24071	ZM_0203_A1_D12	ZM_0203_A1_D12_T7C	
24072	ZM_0203_A1_E01	ZM_0203_A1_E01_T7C	
24073	ZM_0203_A1_E01		ZM_0203_A1_E01_MR
24074	ZM_0203_A1_E02	ZM_0203_A1_E02_T7C	
24075	ZM_0203_A1_E02		ZM_0203_A1_E02_MR
24076	ZM_0203_A1_E03	ZM_0203_A1_E03_T7C	
24077	ZM_0203_A1_E04	ZM_0203_A1_E04_T7C	
24078	ZM_0203_A1_E04		ZM_0203_A1_E04_MR
24079	ZM_0203_A1_E05	ZM_0203_A1_E05_T7C	
24080	ZM_0203_A1_E05		ZM_0203_A1_E05_MR
24081	ZM_0203_A1_E06	ZM_0203_A1_E06_T7C	
24082	ZM_0203_A1_E06		ZM_0203_A1_E06_MR
24083	ZM_0203_A1_E07	ZM_0203_A1_E07_T7C	
24084	ZM_0203_A1_E07		ZM_0203_A1_E07_MR
24085	ZM_0203_A1_E08	ZM_0203_A1_E08_T7C	
24086	ZM_0203_A1_E08		ZM_0203_A1_E08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24087	ZM_0203_A1_E09		ZM_0203_A1_E09_MR
24088	ZM_0203_A1_E10	ZM_0203_A1_E10_T7C	
24089	ZM_0203_A1_E11	ZM_0203_A1_E11_T7C	
24090	ZM_0203_A1_E12	ZM_0203_A1_E12_T7C	
24091	ZM_0203_A1_E12		ZM_0203_A1_E12_MR
24092	ZM_0203_A1_F01	ZM_0203_A1_F01_T7C	
24093	ZM_0203_A1_F01		ZM_0203_A1_F01_MR
24094	ZM_0203_A1_F02	ZM_0203_A1_F02_T7C	
24095	ZM_0203_A1_F03	ZM_0203_A1_F03_T7C	
24096	ZM_0203_A1_F03		ZM_0203_A1_F03_MR
24097	ZM_0203_A1_F04		ZM_0203_A1_F04_MR
24098	ZM_0203_A1_F06		ZM_0203_A1_F06_MR
24099	ZM_0203_A1_F07		ZM_0203_A1_F07_MR
24100	ZM_0203_A1_F08	ZM_0203_A1_F08_T7C	
24101	ZM_0203_A1_F08		ZM_0203_A1_F08_MR
24102	ZM_0203_A1_F09		ZM_0203_A1_F09_MR
24103	ZM_0203_A1_F10	ZM_0203_A1_F10_T7C	
24104	ZM_0203_A1_F10		ZM_0203_A1_F10_MR
24105	ZM_0203_A1_F11	ZM_0203_A1_F11_T7C	
24106	ZM_0203_A1_F11		ZM_0203_A1_F11_MR
24107	ZM_0203_A1_F12	ZM_0203_A1_F12_T7C	
24108	ZM_0203_A1_F12		ZM_0203_A1_F12_MR
24109	ZM_0203_A1_G01	ZM_0203_A1_G01_T7C	
24110	ZM_0203_A1_G02	ZM_0203_A1_G02_T7C	
24111	ZM_0203_A1_G02		ZM_0203_A1_G02_MR
24112	ZM_0203_A1_G03	ZM_0203_A1_G03_T7C	
24113	ZM_0203_A1_G03		ZM_0203_A1_G03_MR
24114	ZM_0203_A1_G04	ZM_0203_A1_G04_T7C	
24115	ZM_0203_A1_G04		ZM_0203_A1_G04_MR
24116	ZM_0203_A1_G05	ZM_0203_A1_G05_T7C	
24117	ZM_0203_A1_G05		ZM_0203_A1_G05_MR
24118	ZM_0203_A1_G06	ZM_0203_A1_G06_T7C	
24119	ZM_0203_A1_G06		ZM_0203_A1_G06_MR
24120	ZM_0203_A1_G07	ZM_0203_A1_G07_T7C	
24121	ZM_0203_A1_G07		ZM_0203_A1_G07_MR
24122	ZM_0203_A1_G08	ZM_0203_A1_G08_T7C	
24123	ZM_0203_A1_G09	ZM_0203_A1_G09_T7C	
24124	ZM_0203_A1_G10	ZM_0203_A1_G10_T7C	
24125	ZM_0203_A1_G10		ZM_0203_A1_G10_MR
24126	ZM_0203_A1_G11	ZM_0203_A1_G11_T7C	
24127	ZM_0203_A1_G11		ZM_0203_A1_G11_MR
24128	ZM_0203_A1_G12	ZM_0203_A1_G12_T7C	
24129	ZM_0203_A1_G12		ZM_0203_A1_G12_MR
24130	ZM_0203_A1_H01		ZM_0203_A1_H01_MR
24131	ZM_0203_A1_H02	ZM_0203_A1_H02_T7C	
24132	ZM_0203_A1_H03	ZM_0203_A1_H03_T7C	
24133	ZM_0203_A1_H04	ZM_0203_A1_H04_T7C	
24134	ZM_0203_A1_H05	ZM_0203_A1_H05_T7C	
24135	ZM_0203_A1_H05		ZM_0203_A1_H05_MR
24136	ZM_0203_A1_H06	ZM_0203_A1_H06_T7C	
24137	ZM_0203_A1_H06		ZM_0203_A1_H06_MR
24138	ZM_0203_A1_H08	ZM_0203_A1_H08_T7C	
24139	ZM_0203_A1_H08		ZM_0203_A1_H08_MR
24140	ZM_0203_A1_H09	ZM_0203_A1_H09_T7C	
24141	ZM_0203_A1_H09		ZM_0203_A1_H09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24142	ZM_0203_A1_H10	ZM_0203_A1_H10_T7C	
24143	ZM_0203_A1_H10		ZM_0203_A1_H10_MR
24144	ZM_0203_A1_H11	ZM_0203_A1_H11_T7C	
24145	ZM_0203_A1_H11		ZM_0203_A1_H11_MR
24146	ZM_0203_A1_H12	ZM_0203_A1_H12_T7C	
24147	ZM_0203_A2_A05	ZM_0203_A2_A05_MF	
24148	ZM_0203_A2_A06	ZM_0203_A2_A06_MF	
24149	ZM_0203_A2_B07	ZM_0203_A2_B07_MF	
24150	ZM_0203_A2_B08	ZM_0203_A2_B08_MF	
24151	ZM_0203_A2_B09	ZM_0203_A2_B09_MF	
24152	ZM_0203_A2_B10	ZM_0203_A2_B10_MF	
24153	ZM_0203_A2_B12	ZM_0203_A2_B12_MF	
24154	ZM_0203_A2_C06	ZM_0203_A2_C06_MF	
24155	ZM_0203_A2_D05	ZM_0203_A2_D05_MF	
24156	ZM_0203_A2_D06	ZM_0203_A2_D06_MF	
24157	ZM_0203_A2_D07	ZM_0203_A2_D07_MF	
24158	ZM_0203_A2_D09	ZM_0203_A2_D09_MF	
24159	ZM_0203_A2_D11	ZM_0203_A2_D11_MF	
24160	ZM_0203_A2_D12	ZM_0203_A2_D12_MF	
24161	ZM_0203_A2_E07	ZM_0203_A2_E07_MF	
24162	ZM_0203_A2_E08	ZM_0203_A2_E08_MF	
24163	ZM_0203_A2_E09	ZM_0203_A2_E09_MF	
24164	ZM_0203_A2_E10	ZM_0203_A2_E10_MF	
24165	ZM_0203_A2_E11	ZM_0203_A2_E11_MF	
24166	ZM_0203_A2_E12	ZM_0203_A2_E12_MF	
24167	ZM_0203_A2_F02	ZM_0203_A2_F02_MF	
24168	ZM_0203_A2_F07	ZM_0203_A2_F07_MF	
24169	ZM_0203_A2_F08	ZM_0203_A2_F08_MF	
24170	ZM_0203_A2_F09	ZM_0203_A2_F09_MF	
24171	ZM_0203_A2_F10	ZM_0203_A2_F10_MF	
24172	ZM_0203_A2_F12	ZM_0203_A2_F12_MF	
24173	ZM_0203_A2_G02	ZM_0203_A2_G02_MF	
24174	ZM_0203_A2_G09	ZM_0203_A2_G09_MF	
24175	ZM_0203_A2_G10	ZM_0203_A2_G10_MF	
24176	ZM_0203_A2_G11	ZM_0203_A2_G11_MF	
24177	ZM_0203_A2_H05	ZM_0203_A2_H05_MF	
24178	ZM_0203_A2_H12	ZM_0203_A2_H12_MF	
24179	ZM_0203_B2_A02	ZM_0203_B2_A02_T7C	
24180	ZM_0203_B2_A03	ZM_0203_B2_A03_T7C	
24181	ZM_0203_B2_A03		ZM_0203_B2_A03_MR
24182	ZM_0203_B2_A04		ZM_0203_B2_A04_MR
24183	ZM_0203_B2_A05	ZM_0203_B2_A05_T7C	
24184	ZM_0203_B2_A05		ZM_0203_B2_A05_MR
24185	ZM_0203_B2_A06		ZM_0203_B2_A06_MR
24186	ZM_0203_B2_A07	ZM_0203_B2_A07_T7C	
24187	ZM_0203_B2_A07		ZM_0203_B2_A07_MR
24188	ZM_0203_B2_A08	ZM_0203_B2_A08_T7C	
24189	ZM_0203_B2_A08		ZM_0203_B2_A08_MR
24190	ZM_0203_B2_A09	ZM_0203_B2_A09_T7C	
24191	ZM_0203_B2_A09		ZM_0203_B2_A09_MR
24192	ZM_0203_B2_A10	ZM_0203_B2_A10_T7C	
24193	ZM_0203_B2_A10		ZM_0203_B2_A10_MR
24194	ZM_0203_B2_A12	ZM_0203_B2_A12_T7C	
24195	ZM_0203_B2_A12		ZM_0203_B2_A12_MR
24196	ZM_0203_B2_B01	ZM_0203_B2_B01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24197	ZM_0203_B2_B01		ZM_0203_B2_B01_MR
24198	ZM_0203_B2_B02		ZM_0203_B2_B02_MR
24199	ZM_0203_B2_B04	ZM_0203_B2_B04_T7C	
24200	ZM_0203_B2_B04		ZM_0203_B2_B04_MR
24201	ZM_0203_B2_B05	ZM_0203_B2_B05_T7C	
24202	ZM_0203_B2_B05		ZM_0203_B2_B05_MR
24203	ZM_0203_B2_B06	ZM_0203_B2_B06_T7C	
24204	ZM_0203_B2_B06		ZM_0203_B2_B06_MR
24205	ZM_0203_B2_B07	ZM_0203_B2_B07_T7C	
24206	ZM_0203_B2_B07		ZM_0203_B2_B07_MR
24207	ZM_0203_B2_B08		ZM_0203_B2_B08_MR
24208	ZM_0203_B2_B09	ZM_0203_B2_B09_T7C	
24209	ZM_0203_B2_B10		ZM_0203_B2_B10_MR
24210	ZM_0203_B2_B11	ZM_0203_B2_B11_T7C	
24211	ZM_0203_B2_B11		ZM_0203_B2_B11_MR
24212	ZM_0203_B2_B12	ZM_0203_B2_B12_T7C	
24213	ZM_0203_B2_C01	ZM_0203_B2_C01_T7C	
24214	ZM_0203_B2_C01		ZM_0203_B2_C01_MR
24215	ZM_0203_B2_C02	ZM_0203_B2_C02_T7C	
24216	ZM_0203_B2_C02		ZM_0203_B2_C02_MR
24217	ZM_0203_B2_C03	ZM_0203_B2_C03_T7C	
24218	ZM_0203_B2_C04	ZM_0203_B2_C04_T7C	
24219	ZM_0203_B2_C04		ZM_0203_B2_C04_MR
24220	ZM_0203_B2_C05	ZM_0203_B2_C05_T7C	
24221	ZM_0203_B2_C05		ZM_0203_B2_C05_MR
24222	ZM_0203_B2_C06	ZM_0203_B2_C06_T7C	
24223	ZM_0203_B2_C06		ZM_0203_B2_C06_MR
24224	ZM_0203_B2_C07		ZM_0203_B2_C07_MR
24225	ZM_0203_B2_C08	ZM_0203_B2_C08_T7C	
24226	ZM_0203_B2_C08		ZM_0203_B2_C08_MR
24227	ZM_0203_B2_C09	ZM_0203_B2_C09_T7C	
24228	ZM_0203_B2_C10	ZM_0203_B2_C10_T7C	
24229	ZM_0203_B2_C10		ZM_0203_B2_C10_MR
24230	ZM_0203_B2_C11		ZM_0203_B2_C11_MR
24231	ZM_0203_B2_C12	ZM_0203_B2_C12_T7C	
24232	ZM_0203_B2_C12		ZM_0203_B2_C12_MR
24233	ZM_0203_B2_D01	ZM_0203_B2_D01_T7C	
24234	ZM_0203_B2_D01		ZM_0203_B2_D01_MR
24235	ZM_0203_B2_D02	ZM_0203_B2_D02_T7C	
24236	ZM_0203_B2_D02		ZM_0203_B2_D02_MR
24237	ZM_0203_B2_D03	ZM_0203_B2_D03_T7C	
24238	ZM_0203_B2_D04	ZM_0203_B2_D04_T7C	
24239	ZM_0203_B2_D04		ZM_0203_B2_D04_MR
24240	ZM_0203_B2_D05	ZM_0203_B2_D05_T7C	
24241	ZM_0203_B2_D05		ZM_0203_B2_D05_MR
24242	ZM_0203_B2_D06		ZM_0203_B2_D06_MR
24243	ZM_0203_B2_D07		ZM_0203_B2_D07_MR
24244	ZM_0203_B2_D08	ZM_0203_B2_D08_T7C	
24245	ZM_0203_B2_D08		ZM_0203_B2_D08_MR
24246	ZM_0203_B2_D09	ZM_0203_B2_D09_T7C	
24247	ZM_0203_B2_D09		ZM_0203_B2_D09_MR
24248	ZM_0203_B2_D10	ZM_0203_B2_D10_T7C	
24249	ZM_0203_B2_D10		ZM_0203_B2_D10_MR
24250	ZM_0203_B2_D11		ZM_0203_B2_D11_MR
24251	ZM_0203_B2_D12	ZM_0203_B2_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24252	ZM_0203_B2_D12		ZM_0203_B2_D12_MR
24253	ZM_0203_B2_E01		ZM_0203_B2_E01_MR
24254	ZM_0203_B2_E02	ZM_0203_B2_E02_T7C	
24255	ZM_0203_B2_E02		ZM_0203_B2_E02_MR
24256	ZM_0203_B2_E03		ZM_0203_B2_E03_MR
24257	ZM_0203_B2_E04	ZM_0203_B2_E04_T7C	
24258	ZM_0203_B2_E05	ZM_0203_B2_E05_T7C	
24259	ZM_0203_B2_E05		ZM_0203_B2_E05_MR
24260	ZM_0203_B2_E07	ZM_0203_B2_E07_T7C	
24261	ZM_0203_B2_E07		ZM_0203_B2_E07_MR
24262	ZM_0203_B2_E08		ZM_0203_B2_E08_MR
24263	ZM_0203_B2_E09	ZM_0203_B2_E09_T7C	
24264	ZM_0203_B2_E10		ZM_0203_B2_E10_MR
24265	ZM_0203_B2_E11	ZM_0203_B2_E11_T7C	
24266	ZM_0203_B2_E11		ZM_0203_B2_E11_MR
24267	ZM_0203_B2_F01	ZM_0203_B2_F01_T7C	
24268	ZM_0203_B2_F01		ZM_0203_B2_F01_MR
24269	ZM_0203_B2_F02	ZM_0203_B2_F02_T7C	
24270	ZM_0203_B2_F02		ZM_0203_B2_F02_MR
24271	ZM_0203_B2_F04	ZM_0203_B2_F04_T7C	
24272	ZM_0203_B2_F04		ZM_0203_B2_F04_MR
24273	ZM_0203_B2_F05		ZM_0203_B2_F05_MR
24274	ZM_0203_B2_F07	ZM_0203_B2_F07_T7C	
24275	ZM_0203_B2_F07		ZM_0203_B2_F07_MR
24276	ZM_0203_B2_F08		ZM_0203_B2_F08_MR
24277	ZM_0203_B2_F10	ZM_0203_B2_F10_T7C	
24278	ZM_0203_B2_F10		ZM_0203_B2_F10_MR
24279	ZM_0203_B2_F11		ZM_0203_B2_F11_MR
24280	ZM_0203_B2_G01	ZM_0203_B2_G01_T7C	
24281	ZM_0203_B2_G01		ZM_0203_B2_G01_MR
24282	ZM_0203_B2_G02	ZM_0203_B2_G02_T7C	
24283	ZM_0203_B2_G02		ZM_0203_B2_G02_MR
24284	ZM_0203_B2_G04	ZM_0203_B2_G04_T7C	
24285	ZM_0203_B2_G04		ZM_0203_B2_G04_MR
24286	ZM_0203_B2_G05	ZM_0203_B2_G05_T7C	
24287	ZM_0203_B2_G05		ZM_0203_B2_G05_MR
24288	ZM_0203_B2_G07		ZM_0203_B2_G07_MR
24289	ZM_0203_B2_G08		ZM_0203_B2_G08_MR
24290	ZM_0203_B2_G10	ZM_0203_B2_G10_T7C	
24291	ZM_0203_B2_G10		ZM_0203_B2_G10_MR
24292	ZM_0203_B2_G11		ZM_0203_B2_G11_MR
24293	ZM_0203_B2_H01	ZM_0203_B2_H01_T7C	
24294	ZM_0203_B2_H01		ZM_0203_B2_H01_MR
24295	ZM_0203_B2_H04	ZM_0203_B2_H04_T7C	
24296	ZM_0203_B2_H04		ZM_0203_B2_H04_MR
24297	ZM_0203_B2_H05		ZM_0203_B2_H05_MR
24298	ZM_0203_B2_H07		ZM_0203_B2_H07_MR
24299	ZM_0203_B2_H08	ZM_0203_B2_H08_T7C	
24300	ZM_0203_B2_H08		ZM_0203_B2_H08_MR
24301	ZM_0203_B2_H10	ZM_0203_B2_H10_T7C	
24302	ZM_0203_B2_H10		ZM_0203_B2_H10_MR
24303	ZM_0203_B2_H11	ZM_0203_B2_H11_T7C	
24304	ZM_0203_B2_H11		ZM_0203_B2_H11_MR
24305	ZM_0203_B2_H12		ZM_0203_B2_H12_MR
24306	ZM_0204_A2_A01	ZM_0204_A2_A01_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24307	ZM_0204_A2_A02	ZM_0204_A2_A02_MF	
24308	ZM_0204_A2_A03		ZM_0204_A2_A03_MR
24309	ZM_0204_A2_A04	ZM_0204_A2_A04_MF	
24310	ZM_0204_A2_A04		ZM_0204_A2_A04_MR
24311	ZM_0204_A2_A05		ZM_0204_A2_A05_MR
24312	ZM_0204_A2_A06	ZM_0204_A2_A06_MF	
24313	ZM_0204_A2_A07	ZM_0204_A2_A07_MF	
24314	ZM_0204_A2_A07		ZM_0204_A2_A07_MR
24315	ZM_0204_A2_A08	ZM_0204_A2_A08_MF	
24316	ZM_0204_A2_A08		ZM_0204_A2_A08_MR
24317	ZM_0204_A2_A09	ZM_0204_A2_A09_MF	
24318	ZM_0204_A2_A09		ZM_0204_A2_A09_MR
24319	ZM_0204_A2_A10	ZM_0204_A2_A10_MF	
24320	ZM_0204_A2_A10		ZM_0204_A2_A10_MR
24321	ZM_0204_A2_A11		ZM_0204_A2_A11_MR
24322	ZM_0204_A2_B01		ZM_0204_A2_B01_MR
24323	ZM_0204_A2_B03	ZM_0204_A2_B03_MF	
24324	ZM_0204_A2_B03		ZM_0204_A2_B03_MR
24325	ZM_0204_A2_B04		ZM_0204_A2_B04_MR
24326	ZM_0204_A2_B05		ZM_0204_A2_B05_MR
24327	ZM_0204_A2_B06		ZM_0204_A2_B06_MR
24328	ZM_0204_A2_B07	ZM_0204_A2_B07_MF	
24329	ZM_0204_A2_B07		ZM_0204_A2_B07_MR
24330	ZM_0204_A2_B08	ZM_0204_A2_B08_MF	
24331	ZM_0204_A2_B08		ZM_0204_A2_B08_MR
24332	ZM_0204_A2_B09	ZM_0204_A2_B09_MF	
24333	ZM_0204_A2_B10		ZM_0204_A2_B10_MR
24334	ZM_0204_A2_B11	ZM_0204_A2_B11_MF	
24335	ZM_0204_A2_B11		ZM_0204_A2_B11_MR
24336	ZM_0204_A2_B12	ZM_0204_A2_B12_MF	
24337	ZM_0204_A2_B12		ZM_0204_A2_B12_MR
24338	ZM_0204_A2_C01	ZM_0204_A2_C01_MF	
24339	ZM_0204_A2_C01		ZM_0204_A2_C01_MR
24340	ZM_0204_A2_C02		ZM_0204_A2_C02_MR
24341	ZM_0204_A2_C03	ZM_0204_A2_C03_MF	
24342	ZM_0204_A2_C03		ZM_0204_A2_C03_MR
24343	ZM_0204_A2_C04	ZM_0204_A2_C04_MF	
24344	ZM_0204_A2_C04		ZM_0204_A2_C04_MR
24345	ZM_0204_A2_C05	ZM_0204_A2_C05_MF	
24346	ZM_0204_A2_C05		ZM_0204_A2_C05_MR
24347	ZM_0204_A2_C06		ZM_0204_A2_C06_MR
24348	ZM_0204_A2_C07	ZM_0204_A2_C07_MF	
24349	ZM_0204_A2_C07		ZM_0204_A2_C07_MR
24350	ZM_0204_A2_C08		ZM_0204_A2_C08_MR
24351	ZM_0204_A2_C09	ZM_0204_A2_C09_MF	
24352	ZM_0204_A2_C10	ZM_0204_A2_C10_MF	
24353	ZM_0204_A2_C10		ZM_0204_A2_C10_MR
24354	ZM_0204_A2_C11		ZM_0204_A2_C11_MR
24355	ZM_0204_A2_C12	ZM_0204_A2_C12_MF	
24356	ZM_0204_A2_C12		ZM_0204_A2_C12_MR
24357	ZM_0204_A2_D01	ZM_0204_A2_D01_MF	
24358	ZM_0204_A2_D01		ZM_0204_A2_D01_MR
24359	ZM_0204_A2_D02	ZM_0204_A2_D02_MF	
24360	ZM_0204_A2_D02		ZM_0204_A2_D02_MR
24361	ZM_0204_A2_D03		ZM_0204_A2_D03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24362	ZM_0204_A2_D04	ZM_0204_A2_D04_MF	
24363	ZM_0204_A2_D04		ZM_0204_A2_D04_MR
24364	ZM_0204_A2_D05	ZM_0204_A2_D05_MF	
24365	ZM_0204_A2_D05		ZM_0204_A2_D05_MR
24366	ZM_0204_A2_D06		ZM_0204_A2_D06_MR
24367	ZM_0204_A2_D07		ZM_0204_A2_D07_MR
24368	ZM_0204_A2_D08	ZM_0204_A2_D08_MF	
24369	ZM_0204_A2_D08		ZM_0204_A2_D08_MR
24370	ZM_0204_A2_D10		ZM_0204_A2_D10_MR
24371	ZM_0204_A2_D11		ZM_0204_A2_D11_MR
24372	ZM_0204_A2_D12	ZM_0204_A2_D12_MF	
24373	ZM_0204_A2_D12		ZM_0204_A2_D12_MR
24374	ZM_0204_A2_E01	ZM_0204_A2_E01_MF	
24375	ZM_0204_A2_E01		ZM_0204_A2_E01_MR
24376	ZM_0204_A2_E03	ZM_0204_A2_E03_MF	
24377	ZM_0204_A2_E03		ZM_0204_A2_E03_MR
24378	ZM_0204_A2_E04	ZM_0204_A2_E04_MF	
24379	ZM_0204_A2_E04		ZM_0204_A2_E04_MR
24380	ZM_0204_A2_E05		ZM_0204_A2_E05_MR
24381	ZM_0204_A2_E06		ZM_0204_A2_E06_MR
24382	ZM_0204_A2_E07	ZM_0204_A2_E07_MF	
24383	ZM_0204_A2_E07		ZM_0204_A2_E07_MR
24384	ZM_0204_A2_E08	ZM_0204_A2_E08_MF	
24385	ZM_0204_A2_E08		ZM_0204_A2_E08_MR
24386	ZM_0204_A2_E10	ZM_0204_A2_E10_MF	
24387	ZM_0204_A2_E10		ZM_0204_A2_E10_MR
24388	ZM_0204_A2_E11	ZM_0204_A2_E11_MF	
24389	ZM_0204_A2_E11		ZM_0204_A2_E11_MR
24390	ZM_0204_A2_E12		ZM_0204_A2_E12_MR
24391	ZM_0204_A2_F01	ZM_0204_A2_F01_MF	
24392	ZM_0204_A2_F01		ZM_0204_A2_F01_MR
24393	ZM_0204_A2_F02	ZM_0204_A2_F02_MF	
24394	ZM_0204_A2_F02		ZM_0204_A2_F02_MR
24395	ZM_0204_A2_F03	ZM_0204_A2_F03_MF	
24396	ZM_0204_A2_F03		ZM_0204_A2_F03_MR
24397	ZM_0204_A2_F04		ZM_0204_A2_F04_MR
24398	ZM_0204_A2_F05	ZM_0204_A2_F05_MF	
24399	ZM_0204_A2_F06	ZM_0204_A2_F06_MF	
24400	ZM_0204_A2_F07	ZM_0204_A2_F07_MF	
24401	ZM_0204_A2_F07		ZM_0204_A2_F07_MR
24402	ZM_0204_A2_F08	ZM_0204_A2_F08_MF	
24403	ZM_0204_A2_F08		ZM_0204_A2_F08_MR
24404	ZM_0204_A2_F09		ZM_0204_A2_F09_MR
24405	ZM_0204_A2_F10	ZM_0204_A2_F10_MF	
24406	ZM_0204_A2_F10		ZM_0204_A2_F10_MR
24407	ZM_0204_A2_F11	ZM_0204_A2_F11_MF	
24408	ZM_0204_A2_F11		ZM_0204_A2_F11_MR
24409	ZM_0204_A2_F12		ZM_0204_A2_F12_MR
24410	ZM_0204_A2_G01	ZM_0204_A2_G01_MF	
24411	ZM_0204_A2_G01		ZM_0204_A2_G01_MR
24412	ZM_0204_A2_G02	ZM_0204_A2_G02_MF	
24413	ZM_0204_A2_G02		ZM_0204_A2_G02_MR
24414	ZM_0204_A2_G03	ZM_0204_A2_G03_MF	
24415	ZM_0204_A2_G04		ZM_0204_A2_G04_MR
24416	ZM_0204_A2_G05	ZM_0204_A2_G05_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24417	ZM_0204_A2_G06	ZM_0204_A2_G06_MF	ZM_0204_A2_G06_MR
24418	ZM_0204_A2_G06		
24419	ZM_0204_A2_G07	ZM_0204_A2_G07_MF	ZM_0204_A2_G07_MR
24420	ZM_0204_A2_G07		
24421	ZM_0204_A2_G08	ZM_0204_A2_G08_MF	ZM_0204_A2_G08_MR
24422	ZM_0204_A2_G08		
24423	ZM_0204_A2_G09	ZM_0204_A2_G09_MF	ZM_0204_A2_G09_MR
24424	ZM_0204_A2_G09		ZM_0204_A2_G10_MR
24425	ZM_0204_A2_G10		
24426	ZM_0204_A2_G11	ZM_0204_A2_G11_MF	ZM_0204_A2_G11_MR
24427	ZM_0204_A2_G11		ZM_0204_A2_G12_MR
24428	ZM_0204_A2_G12		
24429	ZM_0204_A2_H03	ZM_0204_A2_H03_MF	ZM_0204_A2_H03_MR
24430	ZM_0204_A2_H03		
24431	ZM_0204_A2_H04	ZM_0204_A2_H04_MF	ZM_0204_A2_H04_MR
24432	ZM_0204_A2_H04		ZM_0204_A2_H05_MR
24433	ZM_0204_A2_H05		
24434	ZM_0204_A2_H06	ZM_0204_A2_H06_MF	ZM_0204_A2_H06_MR
24435	ZM_0204_A2_H06		
24436	ZM_0204_A2_H07	ZM_0204_A2_H07_MF	ZM_0204_A2_H07_MR
24437	ZM_0204_A2_H07		ZM_0204_A2_H08_MR
24438	ZM_0204_A2_H08		
24439	ZM_0204_A2_H09	ZM_0204_A2_H09_MF	
24440	ZM_0204_A2_H10	ZM_0204_A2_H10_MF	ZM_0204_A2_H10_MR
24441	ZM_0204_A2_H10		
24442	ZM_0204_A2_H11	ZM_0204_A2_H11_MF	ZM_0204_A2_H11_MR
24443	ZM_0204_A2_H11		
24444	ZM_0204_A2_H12	ZM_0204_A2_H12_MF	ZM_0204_A2_H12_MR
24445	ZM_0204_A2_H12		ZM_0204_B1_A01_MR
24446	ZM_0204_B1_A01		ZM_0204_B1_A02_MR
24447	ZM_0204_B1_A02		ZM_0204_B1_A03_MR
24448	ZM_0204_B1_A03		
24449	ZM_0204_B1_A04	ZM_0204_B1_A04_T7C	ZM_0204_B1_A04_MR
24450	ZM_0204_B1_A04		
24451	ZM_0204_B1_A05	ZM_0204_B1_A05_T7C	ZM_0204_B1_A06_MR
24452	ZM_0204_B1_A06		
24453	ZM_0204_B1_A07	ZM_0204_B1_A07_T7C	ZM_0204_B1_A07_MR
24454	ZM_0204_B1_A07		
24455	ZM_0204_B1_A08	ZM_0204_B1_A08_T7C	ZM_0204_B1_A08_MR
24456	ZM_0204_B1_A08		
24457	ZM_0204_B1_A09	ZM_0204_B1_A09_T7C	ZM_0204_B1_A09_MR
24458	ZM_0204_B1_A09		
24459	ZM_0204_B1_A10	ZM_0204_B1_A10_T7C	ZM_0204_B1_A10_MR
24460	ZM_0204_B1_A10		
24461	ZM_0204_B1_A11	ZM_0204_B1_A11_T7C	ZM_0204_B1_A11_MR
24462	ZM_0204_B1_A11		
24463	ZM_0204_B1_A12	ZM_0204_B1_A12_T7C	
24464	ZM_0204_B1_B01	ZM_0204_B1_B01_T7C	ZM_0204_B1_B01_MR
24465	ZM_0204_B1_B01		
24466	ZM_0204_B1_B02	ZM_0204_B1_B02_T7C	ZM_0204_B1_B02_MR
24467	ZM_0204_B1_B02		
24468	ZM_0204_B1_B03	ZM_0204_B1_B03_T7C	ZM_0204_B1_B03_MR
24469	ZM_0204_B1_B03		
24470	ZM_0204_B1_B04	ZM_0204_B1_B04_T7C	ZM_0204_B1_B04_MR
24471	ZM_0204_B1_B04		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24472	ZM_0204_B1_B05	ZM_0204_B1_B05_T7C	
24473	ZM_0204_B1_B05		ZM_0204_B1_B05_MR
24474	ZM_0204_B1_B06	ZM_0204_B1_B06_T7C	
24475	ZM_0204_B1_B06		ZM_0204_B1_B06_MR
24476	ZM_0204_B1_B07	ZM_0204_B1_B07_T7C	
24477	ZM_0204_B1_B07		ZM_0204_B1_B07_MR
24478	ZM_0204_B1_B08	ZM_0204_B1_B08_T7C	
24479	ZM_0204_B1_B08		ZM_0204_B1_B08_MR
24480	ZM_0204_B1_B09	ZM_0204_B1_B09_T7C	
24481	ZM_0204_B1_B09		ZM_0204_B1_B09_MR
24482	ZM_0204_B1_B10	ZM_0204_B1_B10_T7C	
24483	ZM_0204_B1_B10		ZM_0204_B1_B10_MR
24484	ZM_0204_B1_B11		ZM_0204_B1_B11_MR
24485	ZM_0204_B1_B12	ZM_0204_B1_B12_T7C	
24486	ZM_0204_B1_C02	ZM_0204_B1_C02_T7C	
24487	ZM_0204_B1_C02		ZM_0204_B1_C02_MR
24488	ZM_0204_B1_C03	ZM_0204_B1_C03_T7C	
24489	ZM_0204_B1_C03		ZM_0204_B1_C03_MR
24490	ZM_0204_B1_C05		ZM_0204_B1_C05_MR
24491	ZM_0204_B1_C06	ZM_0204_B1_C06_T7C	
24492	ZM_0204_B1_C06		ZM_0204_B1_C06_MR
24493	ZM_0204_B1_C07	ZM_0204_B1_C07_T7C	
24494	ZM_0204_B1_C07		ZM_0204_B1_C07_MR
24495	ZM_0204_B1_C08	ZM_0204_B1_C08_T7C	
24496	ZM_0204_B1_C10	ZM_0204_B1_C10_T7C	
24497	ZM_0204_B1_C10		ZM_0204_B1_C10_MR
24498	ZM_0204_B1_C11	ZM_0204_B1_C11_T7C	
24499	ZM_0204_B1_C11		ZM_0204_B1_C11_MR
24500	ZM_0204_B1_C12	ZM_0204_B1_C12_T7C	
24501	ZM_0204_B1_D01	ZM_0204_B1_D01_T7C	
24502	ZM_0204_B1_D02	ZM_0204_B1_D02_T7C	
24503	ZM_0204_B1_D02		ZM_0204_B1_D02_MR
24504	ZM_0204_B1_D03	ZM_0204_B1_D03_T7C	
24505	ZM_0204_B1_D03		ZM_0204_B1_D03_MR
24506	ZM_0204_B1_D04	ZM_0204_B1_D04_T7C	
24507	ZM_0204_B1_D04		ZM_0204_B1_D04_MR
24508	ZM_0204_B1_D05	ZM_0204_B1_D05_T7C	
24509	ZM_0204_B1_D05		ZM_0204_B1_D05_MR
24510	ZM_0204_B1_D06	ZM_0204_B1_D06_T7C	
24511	ZM_0204_B1_D06		ZM_0204_B1_D06_MR
24512	ZM_0204_B1_D07	ZM_0204_B1_D07_T7C	
24513	ZM_0204_B1_D07		ZM_0204_B1_D07_MR
24514	ZM_0204_B1_D08	ZM_0204_B1_D08_T7C	
24515	ZM_0204_B1_D08		ZM_0204_B1_D08_MR
24516	ZM_0204_B1_D09	ZM_0204_B1_D09_T7C	
24517	ZM_0204_B1_D09		ZM_0204_B1_D09_MR
24518	ZM_0204_B1_D10	ZM_0204_B1_D10_T7C	
24519	ZM_0204_B1_D10		ZM_0204_B1_D10_MR
24520	ZM_0204_B1_D11	ZM_0204_B1_D11_T7C	
24521	ZM_0204_B1_D11		ZM_0204_B1_D11_MR
24522	ZM_0204_B1_D12	ZM_0204_B1_D12_T7C	
24523	ZM_0204_B1_D12		ZM_0204_B1_D12_MR
24524	ZM_0204_B1_E01	ZM_0204_B1_E01_T7C	
24525	ZM_0204_B1_E01		ZM_0204_B1_E01_MR
24526	ZM_0204_B1_E02	ZM_0204_B1_E02_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24527	ZM_0204_B1_E02		ZM_0204_B1_E02_MR
24528	ZM_0204_B1_E03	ZM_0204_B1_E03_T7C	
24529	ZM_0204_B1_E04	ZM_0204_B1_E04_T7C	
24530	ZM_0204_B1_E04		ZM_0204_B1_E04_MR
24531	ZM_0204_B1_E05		ZM_0204_B1_E05_MR
24532	ZM_0204_B1_E06	ZM_0204_B1_E06_T7C	
24533	ZM_0204_B1_E06		ZM_0204_B1_E06_MR
24534	ZM_0204_B1_E07	ZM_0204_B1_E07_T7C	
24535	ZM_0204_B1_E07		ZM_0204_B1_E07_MR
24536	ZM_0204_B1_E08	ZM_0204_B1_E08_T7C	
24537	ZM_0204_B1_E08		ZM_0204_B1_E08_MR
24538	ZM_0204_B1_E09	ZM_0204_B1_E09_T7C	
24539	ZM_0204_B1_E09		ZM_0204_B1_E09_MR
24540	ZM_0204_B1_E10	ZM_0204_B1_E10_T7C	
24541	ZM_0204_B1_E10		ZM_0204_B1_E10_MR
24542	ZM_0204_B1_E11	ZM_0204_B1_E11_T7C	
24543	ZM_0204_B1_E11		ZM_0204_B1_E11_MR
24544	ZM_0204_B1_E12	ZM_0204_B1_E12_T7C	
24545	ZM_0204_B1_F01		ZM_0204_B1_F01_MR
24546	ZM_0204_B1_F02	ZM_0204_B1_F02_T7C	
24547	ZM_0204_B1_F02		ZM_0204_B1_F02_MR
24548	ZM_0204_B1_F03	ZM_0204_B1_F03_T7C	
24549	ZM_0204_B1_F03		ZM_0204_B1_F03_MR
24550	ZM_0204_B1_F04	ZM_0204_B1_F04_T7C	
24551	ZM_0204_B1_F05	ZM_0204_B1_F05_T7C	
24552	ZM_0204_B1_F06		ZM_0204_B1_F06_MR
24553	ZM_0204_B1_F07	ZM_0204_B1_F07_T7C	
24554	ZM_0204_B1_F07		ZM_0204_B1_F07_MR
24555	ZM_0204_B1_F08	ZM_0204_B1_F08_T7C	
24556	ZM_0204_B1_F08		ZM_0204_B1_F08_MR
24557	ZM_0204_B1_F09	ZM_0204_B1_F09_T7C	
24558	ZM_0204_B1_F09		ZM_0204_B1_F09_MR
24559	ZM_0204_B1_F10	ZM_0204_B1_F10_T7C	
24560	ZM_0204_B1_F11	ZM_0204_B1_F11_T7C	
24561	ZM_0204_B1_F11		ZM_0204_B1_F11_MR
24562	ZM_0204_B1_F12	ZM_0204_B1_F12_T7C	
24563	ZM_0204_B1_F12		ZM_0204_B1_F12_MR
24564	ZM_0204_B1_G02	ZM_0204_B1_G02_T7C	
24565	ZM_0204_B1_G02		ZM_0204_B1_G02_MR
24566	ZM_0204_B1_G03	ZM_0204_B1_G03_T7C	
24567	ZM_0204_B1_G04	ZM_0204_B1_G04_T7C	
24568	ZM_0204_B1_G04		ZM_0204_B1_G04_MR
24569	ZM_0204_B1_G05	ZM_0204_B1_G05_T7C	
24570	ZM_0204_B1_G05		ZM_0204_B1_G05_MR
24571	ZM_0204_B1_G06	ZM_0204_B1_G06_T7C	
24572	ZM_0204_B1_G07	ZM_0204_B1_G07_T7C	
24573	ZM_0204_B1_G08	ZM_0204_B1_G08_T7C	
24574	ZM_0204_B1_G09	ZM_0204_B1_G09_T7C	
24575	ZM_0204_B1_G09		ZM_0204_B1_G09_MR
24576	ZM_0204_B1_G11	ZM_0204_B1_G11_T7C	
24577	ZM_0204_B1_G11		ZM_0204_B1_G11_MR
24578	ZM_0204_B1_G12	ZM_0204_B1_G12_T7C	
24579	ZM_0204_B1_G12		ZM_0204_B1_G12_MR
24580	ZM_0204_B1_H01	ZM_0204_B1_H01_T7C	
24581	ZM_0204_B1_H01		ZM_0204_B1_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24582	ZM_0204_B1_H02	ZM_0204_B1_H02_T7C	
24583	ZM_0204_B1_H03	ZM_0204_B1_H03_T7C	
24584	ZM_0204_B1_H04	ZM_0204_B1_H04_T7C	
24585	ZM_0204_B1_H05	ZM_0204_B1_H05_T7C	
24586	ZM_0204_B1_H05		ZM_0204_B1_H05_MR
24587	ZM_0204_B1_H06	ZM_0204_B1_H06_T7C	
24588	ZM_0204_B1_H06		ZM_0204_B1_H06_MR
24589	ZM_0204_B1_H07		ZM_0204_B1_H07_MR
24590	ZM_0204_B1_H08	ZM_0204_B1_H08_T7C	
24591	ZM_0204_B1_H08		ZM_0204_B1_H08_MR
24592	ZM_0204_B1_H09	ZM_0204_B1_H09_T7C	
24593	ZM_0204_B1_H09		ZM_0204_B1_H09_MR
24594	ZM_0204_B1_H11	ZM_0204_B1_H11_T7C	
24595	ZM_0204_B1_H11		ZM_0204_B1_H11_MR
24596	ZM_0204_B1_H12	ZM_0204_B1_H12_T7C	
24597	ZM_0204_B1_H12		ZM_0204_B1_H12_MR
24598	ZM_0205_A1_A01		ZM_0205_A1_A01_MR
24599	ZM_0205_A1_A02		ZM_0205_A1_A02_MR
24600	ZM_0205_A1_A03		ZM_0205_A1_A03_MR
24601	ZM_0205_A1_A04		ZM_0205_A1_A04_MR
24602	ZM_0205_A1_A05	ZM_0205_A1_A05_T7C	
24603	ZM_0205_A1_A05		ZM_0205_A1_A05_MR
24604	ZM_0205_A1_A06		ZM_0205_A1_A06_MR
24605	ZM_0205_A1_A07		ZM_0205_A1_A07_MR
24606	ZM_0205_A1_A08	ZM_0205_A1_A08_T7C	
24607	ZM_0205_A1_A08		ZM_0205_A1_A08_MR
24608	ZM_0205_A1_A09	ZM_0205_A1_A09_T7C	
24609	ZM_0205_A1_A09		ZM_0205_A1_A09_MR
24610	ZM_0205_A1_A10		ZM_0205_A1_A10_MR
24611	ZM_0205_A1_A11		ZM_0205_A1_A11_MR
24612	ZM_0205_A1_A12		ZM_0205_A1_A12_MR
24613	ZM_0205_A1_B01		ZM_0205_A1_B01_MR
24614	ZM_0205_A1_B02		ZM_0205_A1_B02_MR
24615	ZM_0205_A1_B03	ZM_0205_A1_B03_T7C	
24616	ZM_0205_A1_B03		ZM_0205_A1_B03_MR
24617	ZM_0205_A1_B04		ZM_0205_A1_B04_MR
24618	ZM_0205_A1_B05	ZM_0205_A1_B05_T7C	
24619	ZM_0205_A1_B05		ZM_0205_A1_B05_MR
24620	ZM_0205_A1_B06		ZM_0205_A1_B06_MR
24621	ZM_0205_A1_B07		ZM_0205_A1_B07_MR
24622	ZM_0205_A1_B08	ZM_0205_A1_B08_T7C	
24623	ZM_0205_A1_B08		ZM_0205_A1_B08_MR
24624	ZM_0205_A1_B09		ZM_0205_A1_B09_MR
24625	ZM_0205_A1_B10	ZM_0205_A1_B10_T7C	
24626	ZM_0205_A1_B10		ZM_0205_A1_B10_MR
24627	ZM_0205_A1_B11		ZM_0205_A1_B11_MR
24628	ZM_0205_A1_B12	ZM_0205_A1_B12_T7C	
24629	ZM_0205_A1_B12		ZM_0205_A1_B12_MR
24630	ZM_0205_A1_C01	ZM_0205_A1_C01_T7C	
24631	ZM_0205_A1_C01		ZM_0205_A1_C01_MR
24632	ZM_0205_A1_C02		ZM_0205_A1_C02_MR
24633	ZM_0205_A1_C03		ZM_0205_A1_C03_MR
24634	ZM_0205_A1_C04		ZM_0205_A1_C04_MR
24635	ZM_0205_A1_C05	ZM_0205_A1_C05_T7C	
24636	ZM_0205_A1_C05		ZM_0205_A1_C05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24637	ZM_0205_A1_C06		ZM_0205_A1_C06_MR
24638	ZM_0205_A1_C07	ZM_0205_A1_C07_T7C	
24639	ZM_0205_A1_C07		ZM_0205_A1_C07_MR
24640	ZM_0205_A1_C08	ZM_0205_A1_C08_T7C	
24641	ZM_0205_A1_C08		ZM_0205_A1_C08_MR
24642	ZM_0205_A1_C09	ZM_0205_A1_C09_T7C	
24643	ZM_0205_A1_C09		ZM_0205_A1_C09_MR
24644	ZM_0205_A1_C11	ZM_0205_A1_C11_T7C	
24645	ZM_0205_A1_C11		ZM_0205_A1_C11_MR
24646	ZM_0205_A1_C12	ZM_0205_A1_C12_T7C	
24647	ZM_0205_A1_C12		ZM_0205_A1_C12_MR
24648	ZM_0205_A1_D01		ZM_0205_A1_D01_MR
24649	ZM_0205_A1_D02		ZM_0205_A1_D02_MR
24650	ZM_0205_A1_D03	ZM_0205_A1_D03_T7C	
24651	ZM_0205_A1_D03		ZM_0205_A1_D03_MR
24652	ZM_0205_A1_D04	ZM_0205_A1_D04_T7C	
24653	ZM_0205_A1_D04		ZM_0205_A1_D04_MR
24654	ZM_0205_A1_D05		ZM_0205_A1_D05_MR
24655	ZM_0205_A1_D06		ZM_0205_A1_D06_MR
24656	ZM_0205_A1_D07	ZM_0205_A1_D07_T7C	
24657	ZM_0205_A1_D07		ZM_0205_A1_D07_MR
24658	ZM_0205_A1_D08	ZM_0205_A1_D08_T7C	
24659	ZM_0205_A1_D08		ZM_0205_A1_D08_MR
24660	ZM_0205_A1_D09	ZM_0205_A1_D09_T7C	
24661	ZM_0205_A1_D09		ZM_0205_A1_D09_MR
24662	ZM_0205_A1_D10	ZM_0205_A1_D10_T7C	
24663	ZM_0205_A1_D10		ZM_0205_A1_D10_MR
24664	ZM_0205_A1_D11		ZM_0205_A1_D11_MR
24665	ZM_0205_A1_D12	ZM_0205_A1_D12_T7C	
24666	ZM_0205_A1_D12		ZM_0205_A1_D12_MR
24667	ZM_0205_A1_E01	ZM_0205_A1_E01_T7C	
24668	ZM_0205_A1_E02		ZM_0205_A1_E02_MR
24669	ZM_0205_A1_E03	ZM_0205_A1_E03_T7C	
24670	ZM_0205_A1_E03		ZM_0205_A1_E03_MR
24671	ZM_0205_A1_E04	ZM_0205_A1_E04_T7C	
24672	ZM_0205_A1_E04		ZM_0205_A1_E04_MR
24673	ZM_0205_A1_E05	ZM_0205_A1_E05_T7C	
24674	ZM_0205_A1_E05		ZM_0205_A1_E05_MR
24675	ZM_0205_A1_E06		ZM_0205_A1_E06_MR
24676	ZM_0205_A1_E07	ZM_0205_A1_E07_T7C	
24677	ZM_0205_A1_E07		ZM_0205_A1_E07_MR
24678	ZM_0205_A1_E08	ZM_0205_A1_E08_T7C	
24679	ZM_0205_A1_E08		ZM_0205_A1_E08_MR
24680	ZM_0205_A1_E11		ZM_0205_A1_E11_MR
24681	ZM_0205_A1_E12	ZM_0205_A1_E12_T7C	
24682	ZM_0205_A1_E12		ZM_0205_A1_E12_MR
24683	ZM_0205_A1_F01	ZM_0205_A1_F01_T7C	
24684	ZM_0205_A1_F01		ZM_0205_A1_F01_MR
24685	ZM_0205_A1_F02	ZM_0205_A1_F02_T7C	
24686	ZM_0205_A1_F02		ZM_0205_A1_F02_MR
24687	ZM_0205_A1_F03	ZM_0205_A1_F03_T7C	
24688	ZM_0205_A1_F03		ZM_0205_A1_F03_MR
24689	ZM_0205_A1_F04	ZM_0205_A1_F04_T7C	
24690	ZM_0205_A1_F04		ZM_0205_A1_F04_MR
24691	ZM_0205_A1_F05	ZM_0205_A1_F05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24692	ZM_0205_A1_F05		ZM_0205_A1_F05_MR
24693	ZM_0205_A1_F06	ZM_0205_A1_F06_T7C	
24694	ZM_0205_A1_F06		ZM_0205_A1_F06_MR
24695	ZM_0205_A1_F07	ZM_0205_A1_F07_T7C	
24696	ZM_0205_A1_F07		ZM_0205_A1_F07_MR
24697	ZM_0205_A1_F08	ZM_0205_A1_F08_T7C	
24698	ZM_0205_A1_F08		ZM_0205_A1_F08_MR
24699	ZM_0205_A1_F10	ZM_0205_A1_F10_T7C	
24700	ZM_0205_A1_F10		ZM_0205_A1_F10_MR
24701	ZM_0205_A1_F11		ZM_0205_A1_F11_MR
24702	ZM_0205_A1_F12	ZM_0205_A1_F12_T7C	
24703	ZM_0205_A1_F12		ZM_0205_A1_F12_MR
24704	ZM_0205_A1_G01	ZM_0205_A1_G01_T7C	
24705	ZM_0205_A1_G01		ZM_0205_A1_G01_MR
24706	ZM_0205_A1_G02	ZM_0205_A1_G02_T7C	
24707	ZM_0205_A1_G02		ZM_0205_A1_G02_MR
24708	ZM_0205_A1_G03	ZM_0205_A1_G03_T7C	
24709	ZM_0205_A1_G03		ZM_0205_A1_G03_MR
24710	ZM_0205_A1_G04	ZM_0205_A1_G04_T7C	
24711	ZM_0205_A1_G04		ZM_0205_A1_G04_MR
24712	ZM_0205_A1_G05	ZM_0205_A1_G05_T7C	
24713	ZM_0205_A1_G05		ZM_0205_A1_G05_MR
24714	ZM_0205_A1_G06	ZM_0205_A1_G06_T7C	
24715	ZM_0205_A1_G06		ZM_0205_A1_G06_MR
24716	ZM_0205_A1_G07	ZM_0205_A1_G07_T7C	
24717	ZM_0205_A1_G07		ZM_0205_A1_G07_MR
24718	ZM_0205_A1_G08		ZM_0205_A1_G08_MR
24719	ZM_0205_A1_G09	ZM_0205_A1_G09_T7C	
24720	ZM_0205_A1_G09		ZM_0205_A1_G09_MR
24721	ZM_0205_A1_G10	ZM_0205_A1_G10_T7C	
24722	ZM_0205_A1_G10		ZM_0205_A1_G10_MR
24723	ZM_0205_A1_G11	ZM_0205_A1_G11_T7C	
24724	ZM_0205_A1_G11		ZM_0205_A1_G11_MR
24725	ZM_0205_A1_G12	ZM_0205_A1_G12_T7C	
24726	ZM_0205_A1_H01		ZM_0205_A1_H01_MR
24727	ZM_0205_A1_H02	ZM_0205_A1_H02_T7C	
24728	ZM_0205_A1_H02		ZM_0205_A1_H02_MR
24729	ZM_0205_A1_H03	ZM_0205_A1_H03_T7C	
24730	ZM_0205_A1_H03		ZM_0205_A1_H03_MR
24731	ZM_0205_A1_H05	ZM_0205_A1_H05_T7C	
24732	ZM_0205_A1_H05		ZM_0205_A1_H05_MR
24733	ZM_0205_A1_H06	ZM_0205_A1_H06_T7C	
24734	ZM_0205_A1_H06		ZM_0205_A1_H06_MR
24735	ZM_0205_A1_H07	ZM_0205_A1_H07_T7C	
24736	ZM_0205_A1_H07		ZM_0205_A1_H07_MR
24737	ZM_0205_A1_H08	ZM_0205_A1_H08_T7C	
24738	ZM_0205_A1_H08		ZM_0205_A1_H08_MR
24739	ZM_0205_A1_H09	ZM_0205_A1_H09_T7C	
24740	ZM_0205_A1_H09		ZM_0205_A1_H09_MR
24741	ZM_0205_A1_H10	ZM_0205_A1_H10_T7C	
24742	ZM_0205_A1_H10		ZM_0205_A1_H10_MR
24743	ZM_0205_A1_H11	ZM_0205_A1_H11_T7C	
24744	ZM_0205_A1_H11		ZM_0205_A1_H11_MR
24745	ZM_0205_A1_H12	ZM_0205_A1_H12_T7C	
24746	ZM_0205_A2_A01	ZM_0205_A2_A01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24747	ZM_0205_A2_A02	ZM_0205_A2_A02_T7C	
24748	ZM_0205_A2_A02		ZM_0205_A2_A02_MR
24749	ZM_0205_A2_A03		ZM_0205_A2_A03_MR
24750	ZM_0205_A2_A04	ZM_0205_A2_A04_T7C	
24751	ZM_0205_A2_A04		ZM_0205_A2_A04_MR
24752	ZM_0205_A2_A05	ZM_0205_A2_A05_T7C	
24753	ZM_0205_A2_A05		ZM_0205_A2_A05_MR
24754	ZM_0205_A2_A06	ZM_0205_A2_A06_T7C	
24755	ZM_0205_A2_A06		ZM_0205_A2_A06_MR
24756	ZM_0205_A2_A07	ZM_0205_A2_A07_T7C	
24757	ZM_0205_A2_A07		ZM_0205_A2_A07_MR
24758	ZM_0205_A2_A08	ZM_0205_A2_A08_T7C	
24759	ZM_0205_A2_A08		ZM_0205_A2_A08_MR
24760	ZM_0205_A2_A09	ZM_0205_A2_A09_T7C	
24761	ZM_0205_A2_A09		ZM_0205_A2_A09_MR
24762	ZM_0205_A2_A10	ZM_0205_A2_A10_T7C	
24763	ZM_0205_A2_A10		ZM_0205_A2_A10_MR
24764	ZM_0205_A2_A11	ZM_0205_A2_A11_T7C	
24765	ZM_0205_A2_A11		ZM_0205_A2_A11_MR
24766	ZM_0205_A2_A12		ZM_0205_A2_A12_MR
24767	ZM_0205_A2_B01	ZM_0205_A2_B01_T7C	
24768	ZM_0205_A2_B01		ZM_0205_A2_B01_MR
24769	ZM_0205_A2_B02	ZM_0205_A2_B02_T7C	
24770	ZM_0205_A2_B02		ZM_0205_A2_B02_MR
24771	ZM_0205_A2_B03	ZM_0205_A2_B03_T7C	
24772	ZM_0205_A2_B03		ZM_0205_A2_B03_MR
24773	ZM_0205_A2_B04	ZM_0205_A2_B04_T7C	
24774	ZM_0205_A2_B04		ZM_0205_A2_B04_MR
24775	ZM_0205_A2_B05	ZM_0205_A2_B05_T7C	
24776	ZM_0205_A2_B05		ZM_0205_A2_B05_MR
24777	ZM_0205_A2_B06	ZM_0205_A2_B06_T7C	
24778	ZM_0205_A2_B06		ZM_0205_A2_B06_MR
24779	ZM_0205_A2_B07	ZM_0205_A2_B07_T7C	
24780	ZM_0205_A2_B07		ZM_0205_A2_B07_MR
24781	ZM_0205_A2_B08	ZM_0205_A2_B08_T7C	
24782	ZM_0205_A2_B08		ZM_0205_A2_B08_MR
24783	ZM_0205_A2_B09	ZM_0205_A2_B09_T7C	
24784	ZM_0205_A2_B10	ZM_0205_A2_B10_T7C	
24785	ZM_0205_A2_B10		ZM_0205_A2_B10_MR
24786	ZM_0205_A2_B11	ZM_0205_A2_B11_T7C	
24787	ZM_0205_A2_B11		ZM_0205_A2_B11_MR
24788	ZM_0205_A2_B12	ZM_0205_A2_B12_T7C	
24789	ZM_0205_A2_B12		ZM_0205_A2_B12_MR
24790	ZM_0205_A2_C01	ZM_0205_A2_C01_T7C	
24791	ZM_0205_A2_C01		ZM_0205_A2_C01_MR
24792	ZM_0205_A2_C02	ZM_0205_A2_C02_T7C	
24793	ZM_0205_A2_C03	ZM_0205_A2_C03_T7C	
24794	ZM_0205_A2_C05	ZM_0205_A2_C05_T7C	
24795	ZM_0205_A2_C05		ZM_0205_A2_C05_MR
24796	ZM_0205_A2_C06	ZM_0205_A2_C06_T7C	
24797	ZM_0205_A2_C06		ZM_0205_A2_C06_MR
24798	ZM_0205_A2_C07	ZM_0205_A2_C07_T7C	
24799	ZM_0205_A2_C07		ZM_0205_A2_C07_MR
24800	ZM_0205_A2_C08		ZM_0205_A2_C08_MR
24801	ZM_0205_A2_C09	ZM_0205_A2_C09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24802	ZM_0205_A2_C09		ZM_0205_A2_C09_MR
24803	ZM_0205_A2_C10	ZM_0205_A2_C10_T7C	
24804	ZM_0205_A2_C10		ZM_0205_A2_C10_MR
24805	ZM_0205_A2_C11	ZM_0205_A2_C11_T7C	
24806	ZM_0205_A2_C11		ZM_0205_A2_C11_MR
24807	ZM_0205_A2_C12	ZM_0205_A2_C12_T7C	
24808	ZM_0205_A2_C12		ZM_0205_A2_C12_MR
24809	ZM_0205_A2_D01		ZM_0205_A2_D01_MR
24810	ZM_0205_A2_D02	ZM_0205_A2_D02_T7C	
24811	ZM_0205_A2_D02		ZM_0205_A2_D02_MR
24812	ZM_0205_A2_D03	ZM_0205_A2_D03_T7C	
24813	ZM_0205_A2_D03		ZM_0205_A2_D03_MR
24814	ZM_0205_A2_D04	ZM_0205_A2_D04_T7C	
24815	ZM_0205_A2_D04		ZM_0205_A2_D04_MR
24816	ZM_0205_A2_D05	ZM_0205_A2_D05_T7C	
24817	ZM_0205_A2_D05		ZM_0205_A2_D05_MR
24818	ZM_0205_A2_D07	ZM_0205_A2_D07_T7C	
24819	ZM_0205_A2_D07		ZM_0205_A2_D07_MR
24820	ZM_0205_A2_D08	ZM_0205_A2_D08_T7C	
24821	ZM_0205_A2_D08		ZM_0205_A2_D08_MR
24822	ZM_0205_A2_D09	ZM_0205_A2_D09_T7C	
24823	ZM_0205_A2_D09		ZM_0205_A2_D09_MR
24824	ZM_0205_A2_D10	ZM_0205_A2_D10_T7C	
24825	ZM_0205_A2_D10		ZM_0205_A2_D10_MR
24826	ZM_0205_A2_D11	ZM_0205_A2_D11_T7C	
24827	ZM_0205_A2_D11		ZM_0205_A2_D11_MR
24828	ZM_0205_A2_D12	ZM_0205_A2_D12_T7C	
24829	ZM_0205_A2_D12		ZM_0205_A2_D12_MR
24830	ZM_0205_A2_E01	ZM_0205_A2_E01_T7C	
24831	ZM_0205_A2_E01		ZM_0205_A2_E01_MR
24832	ZM_0205_A2_E02	ZM_0205_A2_E02_T7C	
24833	ZM_0205_A2_E02		ZM_0205_A2_E02_MR
24834	ZM_0205_A2_E04	ZM_0205_A2_E04_T7C	
24835	ZM_0205_A2_E04		ZM_0205_A2_E04_MR
24836	ZM_0205_A2_E05	ZM_0205_A2_E05_T7C	
24837	ZM_0205_A2_E05		ZM_0205_A2_E05_MR
24838	ZM_0205_A2_E06	ZM_0205_A2_E06_T7C	
24839	ZM_0205_A2_E06		ZM_0205_A2_E06_MR
24840	ZM_0205_A2_E07	ZM_0205_A2_E07_T7C	
24841	ZM_0205_A2_E07		ZM_0205_A2_E07_MR
24842	ZM_0205_A2_E08	ZM_0205_A2_E08_T7C	
24843	ZM_0205_A2_E08		ZM_0205_A2_E08_MR
24844	ZM_0205_A2_E09	ZM_0205_A2_E09_T7C	
24845	ZM_0205_A2_E09		ZM_0205_A2_E09_MR
24846	ZM_0205_A2_E10	ZM_0205_A2_E10_T7C	
24847	ZM_0205_A2_E10		ZM_0205_A2_E10_MR
24848	ZM_0205_A2_E11	ZM_0205_A2_E11_T7C	
24849	ZM_0205_A2_E11		ZM_0205_A2_E11_MR
24850	ZM_0205_A2_E12	ZM_0205_A2_E12_T7C	
24851	ZM_0205_A2_E12		ZM_0205_A2_E12_MR
24852	ZM_0205_A2_F01		ZM_0205_A2_F01_MR
24853	ZM_0205_A2_F02		ZM_0205_A2_F02_MR
24854	ZM_0205_A2_F03	ZM_0205_A2_F03_T7C	
24855	ZM_0205_A2_F03		ZM_0205_A2_F03_MR
24856	ZM_0205_A2_F04	ZM_0205_A2_F04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24857	ZM_0205_A2_F04		ZM_0205_A2_F04_MR
24858	ZM_0205_A2_F05	ZM_0205_A2_F05_T7C	
24859	ZM_0205_A2_F05		ZM_0205_A2_F05_MR
24860	ZM_0205_A2_F06	ZM_0205_A2_F06_T7C	
24861	ZM_0205_A2_F06		ZM_0205_A2_F06_MR
24862	ZM_0205_A2_F07	ZM_0205_A2_F07_T7C	
24863	ZM_0205_A2_F07		ZM_0205_A2_F07_MR
24864	ZM_0205_A2_F08	ZM_0205_A2_F08_T7C	
24865	ZM_0205_A2_F09	ZM_0205_A2_F09_T7C	
24866	ZM_0205_A2_F09		ZM_0205_A2_F09_MR
24867	ZM_0205_A2_F10	ZM_0205_A2_F10_T7C	
24868	ZM_0205_A2_F10		ZM_0205_A2_F10_MR
24869	ZM_0205_A2_F11	ZM_0205_A2_F11_T7C	
24870	ZM_0205_A2_F11		ZM_0205_A2_F11_MR
24871	ZM_0205_A2_F12	ZM_0205_A2_F12_T7C	
24872	ZM_0205_A2_F12		ZM_0205_A2_F12_MR
24873	ZM_0205_A2_G01	ZM_0205_A2_G01_T7C	
24874	ZM_0205_A2_G01		ZM_0205_A2_G01_MR
24875	ZM_0205_A2_G02	ZM_0205_A2_G02_T7C	
24876	ZM_0205_A2_G03	ZM_0205_A2_G03_T7C	
24877	ZM_0205_A2_G04	ZM_0205_A2_G04_T7C	
24878	ZM_0205_A2_G04		ZM_0205_A2_G04_MR
24879	ZM_0205_A2_G05	ZM_0205_A2_G05_T7C	
24880	ZM_0205_A2_G05		ZM_0205_A2_G05_MR
24881	ZM_0205_A2_G06	ZM_0205_A2_G06_T7C	
24882	ZM_0205_A2_G06		ZM_0205_A2_G06_MR
24883	ZM_0205_A2_G07	ZM_0205_A2_G07_T7C	
24884	ZM_0205_A2_G07		ZM_0205_A2_G07_MR
24885	ZM_0205_A2_G08	ZM_0205_A2_G08_T7C	
24886	ZM_0205_A2_G08		ZM_0205_A2_G08_MR
24887	ZM_0205_A2_G09	ZM_0205_A2_G09_T7C	
24888	ZM_0205_A2_G09		ZM_0205_A2_G09_MR
24889	ZM_0205_A2_G10	ZM_0205_A2_G10_T7C	
24890	ZM_0205_A2_G11	ZM_0205_A2_G11_T7C	
24891	ZM_0205_A2_G11		ZM_0205_A2_G11_MR
24892	ZM_0205_A2_G12	ZM_0205_A2_G12_T7C	
24893	ZM_0205_A2_G12		ZM_0205_A2_G12_MR
24894	ZM_0205_A2_H01	ZM_0205_A2_H01_T7C	
24895	ZM_0205_A2_H01		ZM_0205_A2_H01_MR
24896	ZM_0205_A2_H02	ZM_0205_A2_H02_T7C	
24897	ZM_0205_A2_H02		ZM_0205_A2_H02_MR
24898	ZM_0205_A2_H03	ZM_0205_A2_H03_T7C	
24899	ZM_0205_A2_H03		ZM_0205_A2_H03_MR
24900	ZM_0205_A2_H04	ZM_0205_A2_H04_T7C	
24901	ZM_0205_A2_H05	ZM_0205_A2_H05_T7C	
24902	ZM_0205_A2_H05		ZM_0205_A2_H05_MR
24903	ZM_0205_A2_H06	ZM_0205_A2_H06_T7C	
24904	ZM_0205_A2_H06		ZM_0205_A2_H06_MR
24905	ZM_0205_A2_H07	ZM_0205_A2_H07_T7C	
24906	ZM_0205_A2_H07		ZM_0205_A2_H07_MR
24907	ZM_0205_A2_H08	ZM_0205_A2_H08_T7C	
24908	ZM_0205_A2_H08		ZM_0205_A2_H08_MR
24909	ZM_0205_A2_H09	ZM_0205_A2_H09_T7C	
24910	ZM_0205_A2_H10	ZM_0205_A2_H10_T7C	
24911	ZM_0205_A2_H10		ZM_0205_A2_H10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24912	ZM_0205_A2_H11	ZM_0205_A2_H11_T7C	
24913	ZM_0205_A2_H11		ZM_0205_A2_H11_MR
24914	ZM_0205_A2_H12	ZM_0205_A2_H12_T7C	
24915	ZM_0205_A2_H12		ZM_0205_A2_H12_MR
24916	ZM_0205_B1_A01	ZM_0205_B1_A01_MF	
24917	ZM_0205_B1_A02	ZM_0205_B1_A02_MF	
24918	ZM_0205_B1_A04	ZM_0205_B1_A04_MF	
24919	ZM_0205_B1_A04		ZM_0205_B1_A04_MR
24920	ZM_0205_B1_A05	ZM_0205_B1_A05_MF	
24921	ZM_0205_B1_A05		ZM_0205_B1_A05_MR
24922	ZM_0205_B1_A06	ZM_0205_B1_A06_MF	
24923	ZM_0205_B1_A07	ZM_0205_B1_A07_MF	
24924	ZM_0205_B1_A07		ZM_0205_B1_A07_MR
24925	ZM_0205_B1_A08	ZM_0205_B1_A08_MF	
24926	ZM_0205_B1_A08		ZM_0205_B1_A08_MR
24927	ZM_0205_B1_A09		ZM_0205_B1_A09_MR
24928	ZM_0205_B1_A10	ZM_0205_B1_A10_MF	
24929	ZM_0205_B1_A10		ZM_0205_B1_A10_MR
24930	ZM_0205_B1_A11	ZM_0205_B1_A11_MF	
24931	ZM_0205_B1_A12	ZM_0205_B1_A12_MF	
24932	ZM_0205_B1_A12		ZM_0205_B1_A12_MR
24933	ZM_0205_B1_B01	ZM_0205_B1_B01_MF	
24934	ZM_0205_B1_B01		ZM_0205_B1_B01_MR
24935	ZM_0205_B1_B02	ZM_0205_B1_B02_MF	
24936	ZM_0205_B1_B02		ZM_0205_B1_B02_MR
24937	ZM_0205_B1_B03	ZM_0205_B1_B03_MF	
24938	ZM_0205_B1_B04	ZM_0205_B1_B04_MF	
24939	ZM_0205_B1_B04		ZM_0205_B1_B04_MR
24940	ZM_0205_B1_B05	ZM_0205_B1_B05_MF	
24941	ZM_0205_B1_B05		ZM_0205_B1_B05_MR
24942	ZM_0205_B1_B06	ZM_0205_B1_B06_MF	
24943	ZM_0205_B1_B06		ZM_0205_B1_B06_MR
24944	ZM_0205_B1_B07	ZM_0205_B1_B07_MF	
24945	ZM_0205_B1_B07		ZM_0205_B1_B07_MR
24946	ZM_0205_B1_B08	ZM_0205_B1_B08_MF	
24947	ZM_0205_B1_B08		ZM_0205_B1_B08_MR
24948	ZM_0205_B1_B09	ZM_0205_B1_B09_MF	
24949	ZM_0205_B1_B09		ZM_0205_B1_B09_MR
24950	ZM_0205_B1_B10	ZM_0205_B1_B10_MF	
24951	ZM_0205_B1_B10		ZM_0205_B1_B10_MR
24952	ZM_0205_B1_B11	ZM_0205_B1_B11_MF	
24953	ZM_0205_B1_B12	ZM_0205_B1_B12_MF	
24954	ZM_0205_B1_B12		ZM_0205_B1_B12_MR
24955	ZM_0205_B1_C01	ZM_0205_B1_C01_MF	
24956	ZM_0205_B1_C02	ZM_0205_B1_C02_MF	
24957	ZM_0205_B1_C02		ZM_0205_B1_C02_MR
24958	ZM_0205_B1_C03	ZM_0205_B1_C03_MF	
24959	ZM_0205_B1_C03		ZM_0205_B1_C03_MR
24960	ZM_0205_B1_C04	ZM_0205_B1_C04_MF	
24961	ZM_0205_B1_C04		ZM_0205_B1_C04_MR
24962	ZM_0205_B1_C05	ZM_0205_B1_C05_MF	
24963	ZM_0205_B1_C06	ZM_0205_B1_C06_MF	
24964	ZM_0205_B1_C06		ZM_0205_B1_C06_MR
24965	ZM_0205_B1_C07	ZM_0205_B1_C07_MF	
24966	ZM_0205_B1_C07		ZM_0205_B1_C07_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
24967	ZM_0205_B1_C08	ZM_0205_B1_C08_MF	ZM_0205_B1_C08_MR
24968	ZM_0205_B1_C08		
24969	ZM_0205_B1_C09	ZM_0205_B1_C09_MF	ZM_0205_B1_C09_MR
24970	ZM_0205_B1_C09		
24971	ZM_0205_B1_C10	ZM_0205_B1_C10_MF	ZM_0205_B1_C10_MR
24972	ZM_0205_B1_C10		
24973	ZM_0205_B1_C11	ZM_0205_B1_C11_MF	ZM_0205_B1_C11_MR
24974	ZM_0205_B1_C11		
24975	ZM_0205_B1_C12	ZM_0205_B1_C12_MF	ZM_0205_B1_C12_MR
24976	ZM_0205_B1_C12		
24977	ZM_0205_B1_D02	ZM_0205_B1_D02_MF	ZM_0205_B1_D02_MR
24978	ZM_0205_B1_D02		
24979	ZM_0205_B1_D03	ZM_0205_B1_D03_MF	ZM_0205_B1_D03_MR
24980	ZM_0205_B1_D03		
24981	ZM_0205_B1_D04	ZM_0205_B1_D04_MF	ZM_0205_B1_D04_MR
24982	ZM_0205_B1_D04		
24983	ZM_0205_B1_D05	ZM_0205_B1_D05_MF	ZM_0205_B1_D05_MR
24984	ZM_0205_B1_D05		
24985	ZM_0205_B1_D06	ZM_0205_B1_D06_MF	
24986	ZM_0205_B1_D07	ZM_0205_B1_D07_MF	ZM_0205_B1_D07_MR
24987	ZM_0205_B1_D07		
24988	ZM_0205_B1_D08	ZM_0205_B1_D08_MF	ZM_0205_B1_D08_MR
24989	ZM_0205_B1_D08		
24990	ZM_0205_B1_D09	ZM_0205_B1_D09_MF	ZM_0205_B1_D09_MR
24991	ZM_0205_B1_D09		
24992	ZM_0205_B1_D10	ZM_0205_B1_D10_MF	ZM_0205_B1_D10_MR
24993	ZM_0205_B1_D10		
24994	ZM_0205_B1_D11	ZM_0205_B1_D11_MF	ZM_0205_B1_D11_MR
24995	ZM_0205_B1_D11		
24996	ZM_0205_B1_D12	ZM_0205_B1_D12_MF	ZM_0205_B1_D12_MR
24997	ZM_0205_B1_D12		
24998	ZM_0205_B1_E01	ZM_0205_B1_E01_MF	ZM_0205_B1_E01_MR
24999	ZM_0205_B1_E01		
25000	ZM_0205_B1_E02	ZM_0205_B1_E02_MF	ZM_0205_B1_E02_MR
25001	ZM_0205_B1_E02		
25002	ZM_0205_B1_E03	ZM_0205_B1_E03_MF	ZM_0205_B1_E03_MR
25003	ZM_0205_B1_E03		
25004	ZM_0205_B1_E04	ZM_0205_B1_E04_MF	ZM_0205_B1_E04_MR
25005	ZM_0205_B1_E04		
25006	ZM_0205_B1_E05	ZM_0205_B1_E05_MF	ZM_0205_B1_E05_MR
25007	ZM_0205_B1_E05		
25008	ZM_0205_B1_E06	ZM_0205_B1_E06_MF	ZM_0205_B1_E06_MR
25009	ZM_0205_B1_E06		
25010	ZM_0205_B1_E07	ZM_0205_B1_E07_MF	ZM_0205_B1_E07_MR
25011	ZM_0205_B1_E07		
25012	ZM_0205_B1_E08	ZM_0205_B1_E08_MF	ZM_0205_B1_E08_MR
25013	ZM_0205_B1_E08		
25014	ZM_0205_B1_E09	ZM_0205_B1_E09_MF	ZM_0205_B1_E09_MR
25015	ZM_0205_B1_E09		
25016	ZM_0205_B1_E10	ZM_0205_B1_E10_MF	ZM_0205_B1_E10_MR
25017	ZM_0205_B1_E10		
25018	ZM_0205_B1_E11	ZM_0205_B1_E11_MF	ZM_0205_B1_E11_MR
25019	ZM_0205_B1_E11		
25020	ZM_0205_B1_E12	ZM_0205_B1_E12_MF	ZM_0205_B1_E12_MR
25021	ZM_0205_B1_E12		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25022	ZM_0205_B1_F01	ZM_0205_B1_F01_MF	
25023	ZM_0205_B1_F01		ZM_0205_B1_F01_MR
25024	ZM_0205_B1_F02	ZM_0205_B1_F02_MF	
25025	ZM_0205_B1_F02		ZM_0205_B1_F02_MR
25026	ZM_0205_B1_F03	ZM_0205_B1_F03_MF	
25027	ZM_0205_B1_F03		ZM_0205_B1_F03_MR
25028	ZM_0205_B1_F04	ZM_0205_B1_F04_MF	
25029	ZM_0205_B1_F04		ZM_0205_B1_F04_MR
25030	ZM_0205_B1_F05	ZM_0205_B1_F05_MF	
25031	ZM_0205_B1_F06	ZM_0205_B1_F06_MF	
25032	ZM_0205_B1_F06		ZM_0205_B1_F06_MR
25033	ZM_0205_B1_F07	ZM_0205_B1_F07_MF	
25034	ZM_0205_B1_F07		ZM_0205_B1_F07_MR
25035	ZM_0205_B1_F08	ZM_0205_B1_F08_MF	
25036	ZM_0205_B1_F08		ZM_0205_B1_F08_MR
25037	ZM_0205_B1_F09	ZM_0205_B1_F09_MF	
25038	ZM_0205_B1_F09		ZM_0205_B1_F09_MR
25039	ZM_0205_B1_F10	ZM_0205_B1_F10_MF	
25040	ZM_0205_B1_F11	ZM_0205_B1_F11_MF	
25041	ZM_0205_B1_F11		ZM_0205_B1_F11_MR
25042	ZM_0205_B1_F12	ZM_0205_B1_F12_MF	
25043	ZM_0205_B1_F12		ZM_0205_B1_F12_MR
25044	ZM_0205_B1_G01	ZM_0205_B1_G01_MF	
25045	ZM_0205_B1_G01		ZM_0205_B1_G01_MR
25046	ZM_0205_B1_G02	ZM_0205_B1_G02_MF	
25047	ZM_0205_B1_G02		ZM_0205_B1_G02_MR
25048	ZM_0205_B1_G03	ZM_0205_B1_G03_MF	
25049	ZM_0205_B1_G03		ZM_0205_B1_G03_MR
25050	ZM_0205_B1_G04	ZM_0205_B1_G04_MF	
25051	ZM_0205_B1_G04		ZM_0205_B1_G04_MR
25052	ZM_0205_B1_G05	ZM_0205_B1_G05_MF	
25053	ZM_0205_B1_G05		ZM_0205_B1_G05_MR
25054	ZM_0205_B1_G06	ZM_0205_B1_G06_MF	
25055	ZM_0205_B1_G06		ZM_0205_B1_G06_MR
25056	ZM_0205_B1_G07	ZM_0205_B1_G07_MF	
25057	ZM_0205_B1_G07		ZM_0205_B1_G07_MR
25058	ZM_0205_B1_G08	ZM_0205_B1_G08_MF	
25059	ZM_0205_B1_G08		ZM_0205_B1_G08_MR
25060	ZM_0205_B1_G09	ZM_0205_B1_G09_MF	
25061	ZM_0205_B1_G09		ZM_0205_B1_G09_MR
25062	ZM_0205_B1_G10	ZM_0205_B1_G10_MF	
25063	ZM_0205_B1_G10		ZM_0205_B1_G10_MR
25064	ZM_0205_B1_G11	ZM_0205_B1_G11_MF	
25065	ZM_0205_B1_G11		ZM_0205_B1_G11_MR
25066	ZM_0205_B1_G12	ZM_0205_B1_G12_MF	
25067	ZM_0205_B1_G12		ZM_0205_B1_G12_MR
25068	ZM_0205_B1_H01	ZM_0205_B1_H01_MF	
25069	ZM_0205_B1_H01		ZM_0205_B1_H01_MR
25070	ZM_0205_B1_H02	ZM_0205_B1_H02_MF	
25071	ZM_0205_B1_H02		ZM_0205_B1_H02_MR
25072	ZM_0205_B1_H03	ZM_0205_B1_H03_MF	
25073	ZM_0205_B1_H03		ZM_0205_B1_H03_MR
25074	ZM_0205_B1_H05	ZM_0205_B1_H05_MF	
25075	ZM_0205_B1_H06	ZM_0205_B1_H06_MF	
25076	ZM_0205_B1_H07	ZM_0205_B1_H07_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25077	ZM_0205_B1_H07		ZM_0205_B1_H07_MR
25078	ZM_0205_B1_H08	ZM_0205_B1_H08_MF	
25079	ZM_0205_B1_H08		ZM_0205_B1_H08_MR
25080	ZM_0205_B1_H09	ZM_0205_B1_H09_MF	
25081	ZM_0205_B1_H09		ZM_0205_B1_H09_MR
25082	ZM_0205_B1_H10	ZM_0205_B1_H10_MF	
25083	ZM_0205_B1_H10		ZM_0205_B1_H10_MR
25084	ZM_0205_B1_H11	ZM_0205_B1_H11_MF	
25085	ZM_0205_B1_H11		ZM_0205_B1_H11_MR
25086	ZM_0205_B1_H12	ZM_0205_B1_H12_MF	
25087	ZM_0205_B1_H12		ZM_0205_B1_H12_MR
25088	ZM_0205_B2_A01		ZM_0205_B2_A01_MR
25089	ZM_0205_B2_A02		ZM_0205_B2_A02_MR
25090	ZM_0205_B2_A03		ZM_0205_B2_A03_MR
25091	ZM_0205_B2_A04		ZM_0205_B2_A04_MR
25092	ZM_0205_B2_A05		ZM_0205_B2_A05_MR
25093	ZM_0205_B2_A06		ZM_0205_B2_A06_MR
25094	ZM_0205_B2_A07		ZM_0205_B2_A07_MR
25095	ZM_0205_B2_A08		ZM_0205_B2_A08_MR
25096	ZM_0205_B2_A10		ZM_0205_B2_A10_MR
25097	ZM_0205_B2_A11		ZM_0205_B2_A11_MR
25098	ZM_0205_B2_B03		ZM_0205_B2_B03_MR
25099	ZM_0205_B2_B04		ZM_0205_B2_B04_MR
25100	ZM_0205_B2_B05		ZM_0205_B2_B05_MR
25101	ZM_0205_B2_B06		ZM_0205_B2_B06_MR
25102	ZM_0205_B2_B07		ZM_0205_B2_B07_MR
25103	ZM_0205_B2_B08		ZM_0205_B2_B08_MR
25104	ZM_0205_B2_B09		ZM_0205_B2_B09_MR
25105	ZM_0205_B2_B10		ZM_0205_B2_B10_MR
25106	ZM_0205_B2_B11		ZM_0205_B2_B11_MR
25107	ZM_0205_B2_B12		ZM_0205_B2_B12_MR
25108	ZM_0205_B2_C01		ZM_0205_B2_C01_MR
25109	ZM_0205_B2_C02		ZM_0205_B2_C02_MR
25110	ZM_0205_B2_C03		ZM_0205_B2_C03_MR
25111	ZM_0205_B2_C04		ZM_0205_B2_C04_MR
25112	ZM_0205_B2_C05		ZM_0205_B2_C05_MR
25113	ZM_0205_B2_C06		ZM_0205_B2_C06_MR
25114	ZM_0205_B2_C07		ZM_0205_B2_C07_MR
25115	ZM_0205_B2_C08		ZM_0205_B2_C08_MR
25116	ZM_0205_B2_C10		ZM_0205_B2_C10_MR
25117	ZM_0205_B2_C11		ZM_0205_B2_C11_MR
25118	ZM_0205_B2_D01		ZM_0205_B2_D01_MR
25119	ZM_0205_B2_D03		ZM_0205_B2_D03_MR
25120	ZM_0205_B2_D04		ZM_0205_B2_D04_MR
25121	ZM_0205_B2_D05		ZM_0205_B2_D05_MR
25122	ZM_0205_B2_D06		ZM_0205_B2_D06_MR
25123	ZM_0205_B2_D07		ZM_0205_B2_D07_MR
25124	ZM_0205_B2_D08		ZM_0205_B2_D08_MR
25125	ZM_0205_B2_D10		ZM_0205_B2_D10_MR
25126	ZM_0205_B2_E01		ZM_0205_B2_E01_MR
25127	ZM_0205_B2_E02		ZM_0205_B2_E02_MR
25128	ZM_0205_B2_E04		ZM_0205_B2_E04_MR
25129	ZM_0205_B2_E06		ZM_0205_B2_E06_MR
25130	ZM_0205_B2_E07		ZM_0205_B2_E07_MR
25131	ZM_0205_B2_E08		ZM_0205_B2_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25132	ZM_0205_B2_E09		ZM_0205_B2_E09_MR
25133	ZM_0205_B2_E10		ZM_0205_B2_E10_MR
25134	ZM_0205_B2_E11		ZM_0205_B2_E11_MR
25135	ZM_0205_B2_F02		ZM_0205_B2_F02_MR
25136	ZM_0205_B2_F03		ZM_0205_B2_F03_MR
25137	ZM_0205_B2_F04		ZM_0205_B2_F04_MR
25138	ZM_0205_B2_F05		ZM_0205_B2_F05_MR
25139	ZM_0205_B2_F07		ZM_0205_B2_F07_MR
25140	ZM_0205_B2_F08		ZM_0205_B2_F08_MR
25141	ZM_0205_B2_F10		ZM_0205_B2_F10_MR
25142	ZM_0205_B2_F11		ZM_0205_B2_F11_MR
25143	ZM_0205_B2_G01		ZM_0205_B2_G01_MR
25144	ZM_0205_B2_G03		ZM_0205_B2_G03_MR
25145	ZM_0205_B2_G04		ZM_0205_B2_G04_MR
25146	ZM_0205_B2_G05		ZM_0205_B2_G05_MR
25147	ZM_0205_B2_G06		ZM_0205_B2_G06_MR
25148	ZM_0205_B2_G07		ZM_0205_B2_G07_MR
25149	ZM_0205_B2_G09		ZM_0205_B2_G09_MR
25150	ZM_0205_B2_G10		ZM_0205_B2_G10_MR
25151	ZM_0205_B2_G11		ZM_0205_B2_G11_MR
25152	ZM_0205_B2_G12		ZM_0205_B2_G12_MR
25153	ZM_0205_B2_H01		ZM_0205_B2_H01_MR
25154	ZM_0205_B2_H03		ZM_0205_B2_H03_MR
25155	ZM_0205_B2_H04		ZM_0205_B2_H04_MR
25156	ZM_0205_B2_H07		ZM_0205_B2_H07_MR
25157	ZM_0205_B2_H08		ZM_0205_B2_H08_MR
25158	ZM_0205_B2_H09		ZM_0205_B2_H09_MR
25159	ZM_0206_A1_A01		ZM_0206_A1_A01_MR
25160	ZM_0206_A1_A02	ZM_0206_A1_A02_T7C	
25161	ZM_0206_A1_A02		ZM_0206_A1_A02_MR
25162	ZM_0206_A1_A03	ZM_0206_A1_A03_T7C	
25163	ZM_0206_A1_A03		ZM_0206_A1_A03_MR
25164	ZM_0206_A1_A04	ZM_0206_A1_A04_T7C	
25165	ZM_0206_A1_A04		ZM_0206_A1_A04_MR
25166	ZM_0206_A1_A05	ZM_0206_A1_A05_T7C	
25167	ZM_0206_A1_A05		ZM_0206_A1_A05_MR
25168	ZM_0206_A1_A06	ZM_0206_A1_A06_T7C	
25169	ZM_0206_A1_A06		ZM_0206_A1_A06_MR
25170	ZM_0206_A1_A07	ZM_0206_A1_A07_T7C	
25171	ZM_0206_A1_A07		ZM_0206_A1_A07_MR
25172	ZM_0206_A1_A08	ZM_0206_A1_A08_T7C	
25173	ZM_0206_A1_A08		ZM_0206_A1_A08_MR
25174	ZM_0206_A1_A09	ZM_0206_A1_A09_T7C	
25175	ZM_0206_A1_A10	ZM_0206_A1_A10_T7C	
25176	ZM_0206_A1_A10		ZM_0206_A1_A10_MR
25177	ZM_0206_A1_A11	ZM_0206_A1_A11_T7C	
25178	ZM_0206_A1_A11		ZM_0206_A1_A11_MR
25179	ZM_0206_A1_A12		ZM_0206_A1_A12_MR
25180	ZM_0206_A1_B01	ZM_0206_A1_B01_T7C	
25181	ZM_0206_A1_B01		ZM_0206_A1_B01_MR
25182	ZM_0206_A1_B02	ZM_0206_A1_B02_T7C	
25183	ZM_0206_A1_B02		ZM_0206_A1_B02_MR
25184	ZM_0206_A1_B03	ZM_0206_A1_B03_T7C	
25185	ZM_0206_A1_B03		ZM_0206_A1_B03_MR
25186	ZM_0206_A1_B04	ZM_0206_A1_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25187	ZM_0206_A1_B04		ZM_0206_A1_B04_MR
25188	ZM_0206_A1_B05	ZM_0206_A1_B05_T7C	
25189	ZM_0206_A1_B05		ZM_0206_A1_B05_MR
25190	ZM_0206_A1_B06	ZM_0206_A1_B06_T7C	
25191	ZM_0206_A1_B06		ZM_0206_A1_B06_MR
25192	ZM_0206_A1_B07	ZM_0206_A1_B07_T7C	
25193	ZM_0206_A1_B07		ZM_0206_A1_B07_MR
25194	ZM_0206_A1_B08	ZM_0206_A1_B08_T7C	
25195	ZM_0206_A1_B08		ZM_0206_A1_B08_MR
25196	ZM_0206_A1_B09	ZM_0206_A1_B09_T7C	
25197	ZM_0206_A1_B09		ZM_0206_A1_B09_MR
25198	ZM_0206_A1_B10	ZM_0206_A1_B10_T7C	
25199	ZM_0206_A1_B10		ZM_0206_A1_B10_MR
25200	ZM_0206_A1_B11	ZM_0206_A1_B11_T7C	
25201	ZM_0206_A1_B11		ZM_0206_A1_B11_MR
25202	ZM_0206_A1_B12	ZM_0206_A1_B12_T7C	
25203	ZM_0206_A1_B12		ZM_0206_A1_B12_MR
25204	ZM_0206_A1_C01	ZM_0206_A1_C01_T7C	
25205	ZM_0206_A1_C01		ZM_0206_A1_C01_MR
25206	ZM_0206_A1_C02	ZM_0206_A1_C02_T7C	
25207	ZM_0206_A1_C02		ZM_0206_A1_C02_MR
25208	ZM_0206_A1_C03	ZM_0206_A1_C03_T7C	
25209	ZM_0206_A1_C03		ZM_0206_A1_C03_MR
25210	ZM_0206_A1_C04		ZM_0206_A1_C04_MR
25211	ZM_0206_A1_C05		ZM_0206_A1_C05_MR
25212	ZM_0206_A1_C06	ZM_0206_A1_C06_T7C	
25213	ZM_0206_A1_C06		ZM_0206_A1_C06_MR
25214	ZM_0206_A1_C07	ZM_0206_A1_C07_T7C	
25215	ZM_0206_A1_C07		ZM_0206_A1_C07_MR
25216	ZM_0206_A1_C08		ZM_0206_A1_C08_MR
25217	ZM_0206_A1_C09	ZM_0206_A1_C09_T7C	
25218	ZM_0206_A1_C09		ZM_0206_A1_C09_MR
25219	ZM_0206_A1_C10	ZM_0206_A1_C10_T7C	
25220	ZM_0206_A1_C10		ZM_0206_A1_C10_MR
25221	ZM_0206_A1_C11	ZM_0206_A1_C11_T7C	
25222	ZM_0206_A1_C11		ZM_0206_A1_C11_MR
25223	ZM_0206_A1_C12	ZM_0206_A1_C12_T7C	
25224	ZM_0206_A1_C12		ZM_0206_A1_C12_MR
25225	ZM_0206_A1_D01	ZM_0206_A1_D01_T7C	
25226	ZM_0206_A1_D01		ZM_0206_A1_D01_MR
25227	ZM_0206_A1_D02	ZM_0206_A1_D02_T7C	
25228	ZM_0206_A1_D02		ZM_0206_A1_D02_MR
25229	ZM_0206_A1_D03	ZM_0206_A1_D03_T7C	
25230	ZM_0206_A1_D03		ZM_0206_A1_D03_MR
25231	ZM_0206_A1_D04	ZM_0206_A1_D04_T7C	
25232	ZM_0206_A1_D04		ZM_0206_A1_D04_MR
25233	ZM_0206_A1_D05	ZM_0206_A1_D05_T7C	
25234	ZM_0206_A1_D05		ZM_0206_A1_D05_MR
25235	ZM_0206_A1_D06	ZM_0206_A1_D06_T7C	
25236	ZM_0206_A1_D06		ZM_0206_A1_D06_MR
25237	ZM_0206_A1_D07	ZM_0206_A1_D07_T7C	
25238	ZM_0206_A1_D07		ZM_0206_A1_D07_MR
25239	ZM_0206_A1_D08		ZM_0206_A1_D08_MR
25240	ZM_0206_A1_D09	ZM_0206_A1_D09_T7C	
25241	ZM_0206_A1_D09		ZM_0206_A1_D09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25242	ZM_0206_A1_D10	ZM_0206_A1_D10_T7C	ZM_0206_A1_D10_MR
25243	ZM_0206_A1_D10		
25244	ZM_0206_A1_D11	ZM_0206_A1_D11_T7C	ZM_0206_A1_D11_MR
25245	ZM_0206_A1_D11		
25246	ZM_0206_A1_D12	ZM_0206_A1_D12_T7C	ZM_0206_A1_D12_MR
25247	ZM_0206_A1_D12		ZM_0206_A1_E01_MR
25248	ZM_0206_A1_E01		
25249	ZM_0206_A1_E02	ZM_0206_A1_E02_T7C	ZM_0206_A1_E02_MR
25250	ZM_0206_A1_E02		
25251	ZM_0206_A1_E03	ZM_0206_A1_E03_T7C	ZM_0206_A1_E03_MR
25252	ZM_0206_A1_E03		
25253	ZM_0206_A1_E04	ZM_0206_A1_E04_T7C	ZM_0206_A1_E04_MR
25254	ZM_0206_A1_E04		
25255	ZM_0206_A1_E05	ZM_0206_A1_E05_T7C	ZM_0206_A1_E05_MR
25256	ZM_0206_A1_E05		
25257	ZM_0206_A1_E06	ZM_0206_A1_E06_T7C	ZM_0206_A1_E06_MR
25258	ZM_0206_A1_E06		
25259	ZM_0206_A1_E07	ZM_0206_A1_E07_T7C	ZM_0206_A1_E07_MR
25260	ZM_0206_A1_E07		ZM_0206_A1_E08_MR
25261	ZM_0206_A1_E08		
25262	ZM_0206_A1_E09	ZM_0206_A1_E09_T7C	ZM_0206_A1_E09_MR
25263	ZM_0206_A1_E09		
25264	ZM_0206_A1_E10	ZM_0206_A1_E10_T7C	ZM_0206_A1_E10_MR
25265	ZM_0206_A1_E10		
25266	ZM_0206_A1_E11	ZM_0206_A1_E11_T7C	ZM_0206_A1_E11_MR
25267	ZM_0206_A1_E11		ZM_0206_A1_F01_MR
25268	ZM_0206_A1_F01		
25269	ZM_0206_A1_F02	ZM_0206_A1_F02_T7C	ZM_0206_A1_F02_MR
25270	ZM_0206_A1_F02		
25271	ZM_0206_A1_F03	ZM_0206_A1_F03_T7C	ZM_0206_A1_F03_MR
25272	ZM_0206_A1_F03		
25273	ZM_0206_A1_F04	ZM_0206_A1_F04_T7C	
25274	ZM_0206_A1_F05	ZM_0206_A1_F05_T7C	ZM_0206_A1_F05_MR
25275	ZM_0206_A1_F05		
25276	ZM_0206_A1_F06	ZM_0206_A1_F06_T7C	ZM_0206_A1_F06_MR
25277	ZM_0206_A1_F06		
25278	ZM_0206_A1_F07	ZM_0206_A1_F07_T7C	ZM_0206_A1_F07_MR
25279	ZM_0206_A1_F07		
25280	ZM_0206_A1_F08	ZM_0206_A1_F08_T7C	ZM_0206_A1_F08_MR
25281	ZM_0206_A1_F08		
25282	ZM_0206_A1_F09	ZM_0206_A1_F09_T7C	ZM_0206_A1_F09_MR
25283	ZM_0206_A1_F09		
25284	ZM_0206_A1_F10	ZM_0206_A1_F10_T7C	ZM_0206_A1_F10_MR
25285	ZM_0206_A1_F10		
25286	ZM_0206_A1_F11	ZM_0206_A1_F11_T7C	ZM_0206_A1_F11_MR
25287	ZM_0206_A1_F11		
25288	ZM_0206_A1_F12	ZM_0206_A1_F12_T7C	ZM_0206_A1_F12_MR
25289	ZM_0206_A1_F12		ZM_0206_A1_G01_MR
25290	ZM_0206_A1_G01		
25291	ZM_0206_A1_G02	ZM_0206_A1_G02_T7C	ZM_0206_A1_G02_MR
25292	ZM_0206_A1_G02		
25293	ZM_0206_A1_G03	ZM_0206_A1_G03_T7C	ZM_0206_A1_G03_MR
25294	ZM_0206_A1_G03		
25295	ZM_0206_A1_G04	ZM_0206_A1_G04_T7C	
25296	ZM_0206_A1_G05	ZM_0206_A1_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25297	ZM_0206_A1_G05		ZM_0206_A1_G05_MR
25298	ZM_0206_A1_G06	ZM_0206_A1_G06_T7C	
25299	ZM_0206_A1_G07	ZM_0206_A1_G07_T7C	
25300	ZM_0206_A1_G07		ZM_0206_A1_G07_MR
25301	ZM_0206_A1_G08	ZM_0206_A1_G08_T7C	
25302	ZM_0206_A1_G08		ZM_0206_A1_G08_MR
25303	ZM_0206_A1_G09		ZM_0206_A1_G09_MR
25304	ZM_0206_A1_G10	ZM_0206_A1_G10_T7C	
25305	ZM_0206_A1_G10		ZM_0206_A1_G10_MR
25306	ZM_0206_A1_G11	ZM_0206_A1_G11_T7C	
25307	ZM_0206_A1_G11		ZM_0206_A1_G11_MR
25308	ZM_0206_A1_G12	ZM_0206_A1_G12_T7C	
25309	ZM_0206_A1_G12		ZM_0206_A1_G12_MR
25310	ZM_0206_A1_H01		ZM_0206_A1_H01_MR
25311	ZM_0206_A1_H02		ZM_0206_A1_H02_MR
25312	ZM_0206_A1_H03		ZM_0206_A1_H03_MR
25313	ZM_0206_A1_H04	ZM_0206_A1_H04_T7C	
25314	ZM_0206_A1_H04		ZM_0206_A1_H04_MR
25315	ZM_0206_A1_H05	ZM_0206_A1_H05_T7C	
25316	ZM_0206_A1_H05		ZM_0206_A1_H05_MR
25317	ZM_0206_A1_H06	ZM_0206_A1_H06_T7C	
25318	ZM_0206_A1_H06		ZM_0206_A1_H06_MR
25319	ZM_0206_A1_H07	ZM_0206_A1_H07_T7C	
25320	ZM_0206_A1_H07		ZM_0206_A1_H07_MR
25321	ZM_0206_A1_H09	ZM_0206_A1_H09_T7C	
25322	ZM_0206_A1_H09		ZM_0206_A1_H09_MR
25323	ZM_0206_A1_H10	ZM_0206_A1_H10_T7C	
25324	ZM_0206_A1_H10		ZM_0206_A1_H10_MR
25325	ZM_0206_A1_H11	ZM_0206_A1_H11_T7C	
25326	ZM_0206_A1_H11		ZM_0206_A1_H11_MR
25327	ZM_0206_A1_H12	ZM_0206_A1_H12_T7C	
25328	ZM_0206_A1_H12		ZM_0206_A1_H12_MR
25329	ZM_0206_A2_A01	ZM_0206_A2_A01_T7C	
25330	ZM_0206_A2_A01		ZM_0206_A2_A01_MR
25331	ZM_0206_A2_A02		ZM_0206_A2_A02_MR
25332	ZM_0206_A2_A03		ZM_0206_A2_A03_MR
25333	ZM_0206_A2_A06		ZM_0206_A2_A06_MR
25334	ZM_0206_A2_A07		ZM_0206_A2_A07_MR
25335	ZM_0206_A2_A08	ZM_0206_A2_A08_T7C	
25336	ZM_0206_A2_A08		ZM_0206_A2_A08_MR
25337	ZM_0206_A2_A09	ZM_0206_A2_A09_T7C	
25338	ZM_0206_A2_A09		ZM_0206_A2_A09_MR
25339	ZM_0206_A2_A10	ZM_0206_A2_A10_T7C	
25340	ZM_0206_A2_A10		ZM_0206_A2_A10_MR
25341	ZM_0206_A2_A11	ZM_0206_A2_A11_T7C	
25342	ZM_0206_A2_A11		ZM_0206_A2_A11_MR
25343	ZM_0206_A2_A12	ZM_0206_A2_A12_T7C	
25344	ZM_0206_A2_A12		ZM_0206_A2_A12_MR
25345	ZM_0206_A2_B01	ZM_0206_A2_B01_T7C	
25346	ZM_0206_A2_B01		ZM_0206_A2_B01_MR
25347	ZM_0206_A2_B02	ZM_0206_A2_B02_T7C	
25348	ZM_0206_A2_B02		ZM_0206_A2_B02_MR
25349	ZM_0206_A2_B03	ZM_0206_A2_B03_T7C	
25350	ZM_0206_A2_B03		ZM_0206_A2_B03_MR
25351	ZM_0206_A2_B04	ZM_0206_A2_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25352	ZM_0206_A2_B04		ZM_0206_A2_B04_MR
25353	ZM_0206_A2_B05		ZM_0206_A2_B05_MR
25354	ZM_0206_A2_B06	ZM_0206_A2_B06_T7C	
25355	ZM_0206_A2_B06		ZM_0206_A2_B06_MR
25356	ZM_0206_A2_B07	ZM_0206_A2_B07_T7C	
25357	ZM_0206_A2_B08	ZM_0206_A2_B08_T7C	
25358	ZM_0206_A2_B08		ZM_0206_A2_B08_MR
25359	ZM_0206_A2_B09	ZM_0206_A2_B09_T7C	
25360	ZM_0206_A2_B09		ZM_0206_A2_B09_MR
25361	ZM_0206_A2_B10	ZM_0206_A2_B10_T7C	
25362	ZM_0206_A2_B10		ZM_0206_A2_B10_MR
25363	ZM_0206_A2_B11	ZM_0206_A2_B11_T7C	
25364	ZM_0206_A2_B12	ZM_0206_A2_B12_T7C	
25365	ZM_0206_A2_C01	ZM_0206_A2_C01_T7C	
25366	ZM_0206_A2_C01		ZM_0206_A2_C01_MR
25367	ZM_0206_A2_C03	ZM_0206_A2_C03_T7C	
25368	ZM_0206_A2_C03		ZM_0206_A2_C03_MR
25369	ZM_0206_A2_C04	ZM_0206_A2_C04_T7C	
25370	ZM_0206_A2_C04		ZM_0206_A2_C04_MR
25371	ZM_0206_A2_C05	ZM_0206_A2_C05_T7C	
25372	ZM_0206_A2_C05		ZM_0206_A2_C05_MR
25373	ZM_0206_A2_C06	ZM_0206_A2_C06_T7C	
25374	ZM_0206_A2_C07	ZM_0206_A2_C07_T7C	
25375	ZM_0206_A2_C07		ZM_0206_A2_C07_MR
25376	ZM_0206_A2_C08	ZM_0206_A2_C08_T7C	
25377	ZM_0206_A2_C08		ZM_0206_A2_C08_MR
25378	ZM_0206_A2_C09	ZM_0206_A2_C09_T7C	
25379	ZM_0206_A2_C09		ZM_0206_A2_C09_MR
25380	ZM_0206_A2_C10	ZM_0206_A2_C10_T7C	
25381	ZM_0206_A2_C10		ZM_0206_A2_C10_MR
25382	ZM_0206_A2_D01	ZM_0206_A2_D01_T7C	
25383	ZM_0206_A2_D01		ZM_0206_A2_D01_MR
25384	ZM_0206_A2_D02	ZM_0206_A2_D02_T7C	
25385	ZM_0206_A2_D02		ZM_0206_A2_D02_MR
25386	ZM_0206_A2_D03	ZM_0206_A2_D03_T7C	
25387	ZM_0206_A2_D03		ZM_0206_A2_D03_MR
25388	ZM_0206_A2_D04	ZM_0206_A2_D04_T7C	
25389	ZM_0206_A2_D04		ZM_0206_A2_D04_MR
25390	ZM_0206_A2_D05	ZM_0206_A2_D05_T7C	
25391	ZM_0206_A2_D05		ZM_0206_A2_D05_MR
25392	ZM_0206_A2_D06	ZM_0206_A2_D06_T7C	
25393	ZM_0206_A2_D06		ZM_0206_A2_D06_MR
25394	ZM_0206_A2_D07		ZM_0206_A2_D07_MR
25395	ZM_0206_A2_D08	ZM_0206_A2_D08_T7C	
25396	ZM_0206_A2_D08		ZM_0206_A2_D08_MR
25397	ZM_0206_A2_D09	ZM_0206_A2_D09_T7C	
25398	ZM_0206_A2_D09		ZM_0206_A2_D09_MR
25399	ZM_0206_A2_D10	ZM_0206_A2_D10_T7C	
25400	ZM_0206_A2_D10		ZM_0206_A2_D10_MR
25401	ZM_0206_A2_D11	ZM_0206_A2_D11_T7C	
25402	ZM_0206_A2_D11		ZM_0206_A2_D11_MR
25403	ZM_0206_A2_D12	ZM_0206_A2_D12_T7C	
25404	ZM_0206_A2_D12		ZM_0206_A2_D12_MR
25405	ZM_0206_A2_E01	ZM_0206_A2_E01_T7C	
25406	ZM_0206_A2_E01		ZM_0206_A2_E01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25407	ZM_0206_A2_E02	ZM_0206_A2_E02_T7C	
25408	ZM_0206_A2_E03	ZM_0206_A2_E03_T7C	
25409	ZM_0206_A2_E03		ZM_0206_A2_E03_MR
25410	ZM_0206_A2_E04	ZM_0206_A2_E04_T7C	
25411	ZM_0206_A2_E04		ZM_0206_A2_E04_MR
25412	ZM_0206_A2_E05	ZM_0206_A2_E05_T7C	
25413	ZM_0206_A2_E05		ZM_0206_A2_E05_MR
25414	ZM_0206_A2_E06	ZM_0206_A2_E06_T7C	
25415	ZM_0206_A2_E06		ZM_0206_A2_E06_MR
25416	ZM_0206_A2_E07	ZM_0206_A2_E07_T7C	
25417	ZM_0206_A2_E07		ZM_0206_A2_E07_MR
25418	ZM_0206_A2_E08	ZM_0206_A2_E08_T7C	
25419	ZM_0206_A2_E08		ZM_0206_A2_E08_MR
25420	ZM_0206_A2_E09	ZM_0206_A2_E09_T7C	
25421	ZM_0206_A2_E09		ZM_0206_A2_E09_MR
25422	ZM_0206_A2_E10	ZM_0206_A2_E10_T7C	
25423	ZM_0206_A2_E10		ZM_0206_A2_E10_MR
25424	ZM_0206_A2_E11	ZM_0206_A2_E11_T7C	
25425	ZM_0206_A2_E11		ZM_0206_A2_E11_MR
25426	ZM_0206_A2_E12	ZM_0206_A2_E12_T7C	
25427	ZM_0206_A2_E12		ZM_0206_A2_E12_MR
25428	ZM_0206_A2_F01	ZM_0206_A2_F01_T7C	
25429	ZM_0206_A2_F01		ZM_0206_A2_F01_MR
25430	ZM_0206_A2_F02	ZM_0206_A2_F02_T7C	
25431	ZM_0206_A2_F02		ZM_0206_A2_F02_MR
25432	ZM_0206_A2_F03	ZM_0206_A2_F03_T7C	
25433	ZM_0206_A2_F03		ZM_0206_A2_F03_MR
25434	ZM_0206_A2_F04	ZM_0206_A2_F04_T7C	
25435	ZM_0206_A2_F04		ZM_0206_A2_F04_MR
25436	ZM_0206_A2_F05	ZM_0206_A2_F05_T7C	
25437	ZM_0206_A2_F05		ZM_0206_A2_F05_MR
25438	ZM_0206_A2_F06	ZM_0206_A2_F06_T7C	
25439	ZM_0206_A2_F06		ZM_0206_A2_F06_MR
25440	ZM_0206_A2_F07	ZM_0206_A2_F07_T7C	
25441	ZM_0206_A2_F07		ZM_0206_A2_F07_MR
25442	ZM_0206_A2_F08	ZM_0206_A2_F08_T7C	
25443	ZM_0206_A2_F08		ZM_0206_A2_F08_MR
25444	ZM_0206_A2_F09	ZM_0206_A2_F09_T7C	
25445	ZM_0206_A2_F09		ZM_0206_A2_F09_MR
25446	ZM_0206_A2_F10	ZM_0206_A2_F10_T7C	
25447	ZM_0206_A2_F10		ZM_0206_A2_F10_MR
25448	ZM_0206_A2_F11	ZM_0206_A2_F11_T7C	
25449	ZM_0206_A2_F11		ZM_0206_A2_F11_MR
25450	ZM_0206_A2_F12	ZM_0206_A2_F12_T7C	
25451	ZM_0206_A2_F12		ZM_0206_A2_F12_MR
25452	ZM_0206_A2_G01	ZM_0206_A2_G01_T7C	
25453	ZM_0206_A2_G01		ZM_0206_A2_G01_MR
25454	ZM_0206_A2_G02	ZM_0206_A2_G02_T7C	
25455	ZM_0206_A2_G02		ZM_0206_A2_G02_MR
25456	ZM_0206_A2_G03	ZM_0206_A2_G03_T7C	
25457	ZM_0206_A2_G03		ZM_0206_A2_G03_MR
25458	ZM_0206_A2_G04	ZM_0206_A2_G04_T7C	
25459	ZM_0206_A2_G04		ZM_0206_A2_G04_MR
25460	ZM_0206_A2_G05		ZM_0206_A2_G05_MR
25461	ZM_0206_A2_G06	ZM_0206_A2_G06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25462	ZM_0206_A2_G06		ZM_0206_A2_G06_MR
25463	ZM_0206_A2_G07	ZM_0206_A2_G07_T7C	ZM_0206_A2_G07_MR
25464	ZM_0206_A2_G07		
25465	ZM_0206_A2_G08	ZM_0206_A2_G08_T7C	ZM_0206_A2_G08_MR
25466	ZM_0206_A2_G08		
25467	ZM_0206_A2_G09	ZM_0206_A2_G09_T7C	ZM_0206_A2_G09_MR
25468	ZM_0206_A2_G09		
25469	ZM_0206_A2_G10	ZM_0206_A2_G10_T7C	ZM_0206_A2_G10_MR
25470	ZM_0206_A2_G10		
25471	ZM_0206_A2_G11	ZM_0206_A2_G11_T7C	ZM_0206_A2_G11_MR
25472	ZM_0206_A2_G11		
25473	ZM_0206_A2_G12	ZM_0206_A2_G12_T7C	ZM_0206_A2_G12_MR
25474	ZM_0206_A2_G12		
25475	ZM_0206_A2_H01	ZM_0206_A2_H01_T7C	ZM_0206_A2_H01_MR
25476	ZM_0206_A2_H01		
25477	ZM_0206_A2_H02	ZM_0206_A2_H02_T7C	ZM_0206_A2_H02_MR
25478	ZM_0206_A2_H02		
25479	ZM_0206_A2_H03	ZM_0206_A2_H03_T7C	ZM_0206_A2_H03_MR
25480	ZM_0206_A2_H03		ZM_0206_A2_H04_MR
25481	ZM_0206_A2_H04		
25482	ZM_0206_A2_H05	ZM_0206_A2_H05_T7C	
25483	ZM_0206_A2_H06	ZM_0206_A2_H06_T7C	ZM_0206_A2_H06_MR
25484	ZM_0206_A2_H06		
25485	ZM_0206_A2_H07	ZM_0206_A2_H07_T7C	ZM_0206_A2_H07_MR
25486	ZM_0206_A2_H07		
25487	ZM_0206_A2_H08	ZM_0206_A2_H08_T7C	ZM_0206_A2_H08_MR
25488	ZM_0206_A2_H08		
25489	ZM_0206_A2_H09	ZM_0206_A2_H09_T7C	ZM_0206_A2_H09_MR
25490	ZM_0206_A2_H09		
25491	ZM_0206_A2_H10	ZM_0206_A2_H10_T7C	ZM_0206_A2_H10_MR
25492	ZM_0206_A2_H10		
25493	ZM_0206_A2_H11	ZM_0206_A2_H11_T7C	ZM_0206_A2_H11_MR
25494	ZM_0206_A2_H11		ZM_0206_A2_H12_MR
25495	ZM_0206_A2_H12		
25496	ZM_0206_B1_A02	ZM_0206_B1_A02_MF	
25497	ZM_0206_B1_A03	ZM_0206_B1_A03_MF	
25498	ZM_0206_B1_A04	ZM_0206_B1_A04_MF	
25499	ZM_0206_B1_A05	ZM_0206_B1_A05_MF	
25500	ZM_0206_B1_A06	ZM_0206_B1_A06_MF	
25501	ZM_0206_B1_A07	ZM_0206_B1_A07_MF	
25502	ZM_0206_B1_A08	ZM_0206_B1_A08_MF	
25503	ZM_0206_B1_A09	ZM_0206_B1_A09_MF	
25504	ZM_0206_B1_A10	ZM_0206_B1_A10_MF	
25505	ZM_0206_B1_A11	ZM_0206_B1_A11_MF	
25506	ZM_0206_B1_A12	ZM_0206_B1_A12_MF	
25507	ZM_0206_B1_B02	ZM_0206_B1_B02_MF	
25508	ZM_0206_B1_B03	ZM_0206_B1_B03_MF	
25509	ZM_0206_B1_B05	ZM_0206_B1_B05_MF	
25510	ZM_0206_B1_B06	ZM_0206_B1_B06_MF	
25511	ZM_0206_B1_B07	ZM_0206_B1_B07_MF	
25512	ZM_0206_B1_B08	ZM_0206_B1_B08_MF	
25513	ZM_0206_B1_B09	ZM_0206_B1_B09_MF	
25514	ZM_0206_B1_B10	ZM_0206_B1_B10_MF	
25515	ZM_0206_B1_B12	ZM_0206_B1_B12_MF	
25516	ZM_0206_B1_C01	ZM_0206_B1_C01_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25517	ZM_0206_B1_C02	ZM_0206_B1_C02_MF	
25518	ZM_0206_B1_C03	ZM_0206_B1_C03_MF	
25519	ZM_0206_B1_C04	ZM_0206_B1_C04_MF	
25520	ZM_0206_B1_C05	ZM_0206_B1_C05_MF	
25521	ZM_0206_B1_C06	ZM_0206_B1_C06_MF	
25522	ZM_0206_B1_C07	ZM_0206_B1_C07_MF	
25523	ZM_0206_B1_C08	ZM_0206_B1_C08_MF	
25524	ZM_0206_B1_C09	ZM_0206_B1_C09_MF	
25525	ZM_0206_B1_C11	ZM_0206_B1_C11_MF	
25526	ZM_0206_B1_C12	ZM_0206_B1_C12_MF	
25527	ZM_0206_B1_D01	ZM_0206_B1_D01_MF	
25528	ZM_0206_B1_D02	ZM_0206_B1_D02_MF	
25529	ZM_0206_B1_D03	ZM_0206_B1_D03_MF	
25530	ZM_0206_B1_D04	ZM_0206_B1_D04_MF	
25531	ZM_0206_B1_D06	ZM_0206_B1_D06_MF	
25532	ZM_0206_B1_D07	ZM_0206_B1_D07_MF	
25533	ZM_0206_B1_D08	ZM_0206_B1_D08_MF	
25534	ZM_0206_B1_D09	ZM_0206_B1_D09_MF	
25535	ZM_0206_B1_D10	ZM_0206_B1_D10_MF	
25536	ZM_0206_B1_D11	ZM_0206_B1_D11_MF	
25537	ZM_0206_B1_D12	ZM_0206_B1_D12_MF	
25538	ZM_0206_B1_E01	ZM_0206_B1_E01_MF	
25539	ZM_0206_B1_E02	ZM_0206_B1_E02_MF	
25540	ZM_0206_B1_E03	ZM_0206_B1_E03_MF	
25541	ZM_0206_B1_E04	ZM_0206_B1_E04_MF	
25542	ZM_0206_B1_E05	ZM_0206_B1_E05_MF	
25543	ZM_0206_B1_E06	ZM_0206_B1_E06_MF	
25544	ZM_0206_B1_E07	ZM_0206_B1_E07_MF	
25545	ZM_0206_B1_E08	ZM_0206_B1_E08_MF	
25546	ZM_0206_B1_E10	ZM_0206_B1_E10_MF	
25547	ZM_0206_B1_E11	ZM_0206_B1_E11_MF	
25548	ZM_0206_B1_E12	ZM_0206_B1_E12_MF	
25549	ZM_0206_B1_F02	ZM_0206_B1_F02_MF	
25550	ZM_0206_B1_F03	ZM_0206_B1_F03_MF	
25551	ZM_0206_B1_F04	ZM_0206_B1_F04_MF	
25552	ZM_0206_B1_F05	ZM_0206_B1_F05_MF	
25553	ZM_0206_B1_F06	ZM_0206_B1_F06_MF	
25554	ZM_0206_B1_F07	ZM_0206_B1_F07_MF	
25555	ZM_0206_B1_F08	ZM_0206_B1_F08_MF	
25556	ZM_0206_B1_F09	ZM_0206_B1_F09_MF	
25557	ZM_0206_B1_F10	ZM_0206_B1_F10_MF	
25558	ZM_0206_B1_F11	ZM_0206_B1_F11_MF	
25559	ZM_0206_B1_F12	ZM_0206_B1_F12_MF	
25560	ZM_0206_B1_G01	ZM_0206_B1_G01_MF	
25561	ZM_0206_B1_G02	ZM_0206_B1_G02_MF	
25562	ZM_0206_B1_G03	ZM_0206_B1_G03_MF	
25563	ZM_0206_B1_G04	ZM_0206_B1_G04_MF	
25564	ZM_0206_B1_G06	ZM_0206_B1_G06_MF	
25565	ZM_0206_B1_G07	ZM_0206_B1_G07_MF	
25566	ZM_0206_B1_G08	ZM_0206_B1_G08_MF	
25567	ZM_0206_B1_G09	ZM_0206_B1_G09_MF	
25568	ZM_0206_B1_G10	ZM_0206_B1_G10_MF	
25569	ZM_0206_B1_G11	ZM_0206_B1_G11_MF	
25570	ZM_0206_B1_G12	ZM_0206_B1_G12_MF	
25571	ZM_0206_B1_H01	ZM_0206_B1_H01_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25572	ZM_0206_B1_H02	ZM_0206_B1_H02_MF	
25573	ZM_0206_B1_H03	ZM_0206_B1_H03_MF	
25574	ZM_0206_B1_H04	ZM_0206_B1_H04_MF	
25575	ZM_0206_B1_H05	ZM_0206_B1_H05_MF	
25576	ZM_0206_B1_H06	ZM_0206_B1_H06_MF	
25577	ZM_0206_B1_H07	ZM_0206_B1_H07_MF	
25578	ZM_0206_B1_H08	ZM_0206_B1_H08_MF	
25579	ZM_0206_B1_H09	ZM_0206_B1_H09_MF	
25580	ZM_0206_B1_H10	ZM_0206_B1_H10_MF	
25581	ZM_0206_B1_H11	ZM_0206_B1_H11_MF	
25582	ZM_0206_B1_H12	ZM_0206_B1_H12_MF	
25583	ZM_0207_A1_A01		ZM_0207_A1_A01_MR
25584	ZM_0207_A1_A02		ZM_0207_A1_A02_MR
25585	ZM_0207_A1_A03	ZM_0207_A1_A03_T7C	
25586	ZM_0207_A1_A04	ZM_0207_A1_A04_T7C	
25587	ZM_0207_A1_A04		ZM_0207_A1_A04_MR
25588	ZM_0207_A1_A05	ZM_0207_A1_A05_T7C	
25589	ZM_0207_A1_A05		ZM_0207_A1_A05_MR
25590	ZM_0207_A1_A06	ZM_0207_A1_A06_T7C	
25591	ZM_0207_A1_A08	ZM_0207_A1_A08_T7C	
25592	ZM_0207_A1_A09	ZM_0207_A1_A09_T7C	
25593	ZM_0207_A1_A09		ZM_0207_A1_A09_MR
25594	ZM_0207_A1_A10	ZM_0207_A1_A10_T7C	
25595	ZM_0207_A1_A10		ZM_0207_A1_A10_MR
25596	ZM_0207_A1_A11	ZM_0207_A1_A11_T7C	
25597	ZM_0207_A1_A12	ZM_0207_A1_A12_T7C	
25598	ZM_0207_A1_A12		ZM_0207_A1_A12_MR
25599	ZM_0207_A1_B02	ZM_0207_A1_B02_T7C	
25600	ZM_0207_A1_B02		ZM_0207_A1_B02_MR
25601	ZM_0207_A1_B03	ZM_0207_A1_B03_T7C	
25602	ZM_0207_A1_B04	ZM_0207_A1_B04_T7C	
25603	ZM_0207_A1_B04		ZM_0207_A1_B04_MR
25604	ZM_0207_A1_B05	ZM_0207_A1_B05_T7C	
25605	ZM_0207_A1_B05		ZM_0207_A1_B05_MR
25606	ZM_0207_A1_B06	ZM_0207_A1_B06_T7C	
25607	ZM_0207_A1_B06		ZM_0207_A1_B06_MR
25608	ZM_0207_A1_B07	ZM_0207_A1_B07_T7C	
25609	ZM_0207_A1_B07		ZM_0207_A1_B07_MR
25610	ZM_0207_A1_B09	ZM_0207_A1_B09_T7C	
25611	ZM_0207_A1_B09		ZM_0207_A1_B09_MR
25612	ZM_0207_A1_B10	ZM_0207_A1_B10_T7C	
25613	ZM_0207_A1_B10		ZM_0207_A1_B10_MR
25614	ZM_0207_A1_B12	ZM_0207_A1_B12_T7C	
25615	ZM_0207_A1_B12		ZM_0207_A1_B12_MR
25616	ZM_0207_A1_C01	ZM_0207_A1_C01_T7C	
25617	ZM_0207_A1_C01		ZM_0207_A1_C01_MR
25618	ZM_0207_A1_C02	ZM_0207_A1_C02_T7C	
25619	ZM_0207_A1_C02		ZM_0207_A1_C02_MR
25620	ZM_0207_A1_C05	ZM_0207_A1_C05_T7C	
25621	ZM_0207_A1_C05		ZM_0207_A1_C05_MR
25622	ZM_0207_A1_C06	ZM_0207_A1_C06_T7C	
25623	ZM_0207_A1_C07	ZM_0207_A1_C07_T7C	
25624	ZM_0207_A1_C07		ZM_0207_A1_C07_MR
25625	ZM_0207_A1_C08	ZM_0207_A1_C08_T7C	
25626	ZM_0207_A1_C08		ZM_0207_A1_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25627	ZM_0207_A1_C09	ZM_0207_A1_C09_T7C	
25628	ZM_0207_A1_C09		ZM_0207_A1_C09_MR
25629	ZM_0207_A1_C10	ZM_0207_A1_C10_T7C	
25630	ZM_0207_A1_C10		ZM_0207_A1_C10_MR
25631	ZM_0207_A1_C11	ZM_0207_A1_C11_T7C	
25632	ZM_0207_A1_D01	ZM_0207_A1_D01_T7C	
25633	ZM_0207_A1_D01		ZM_0207_A1_D01_MR
25634	ZM_0207_A1_D02	ZM_0207_A1_D02_T7C	
25635	ZM_0207_A1_D02		ZM_0207_A1_D02_MR
25636	ZM_0207_A1_D03	ZM_0207_A1_D03_T7C	
25637	ZM_0207_A1_D04	ZM_0207_A1_D04_T7C	
25638	ZM_0207_A1_D04		ZM_0207_A1_D04_MR
25639	ZM_0207_A1_D05	ZM_0207_A1_D05_T7C	
25640	ZM_0207_A1_D05		ZM_0207_A1_D05_MR
25641	ZM_0207_A1_D06	ZM_0207_A1_D06_T7C	
25642	ZM_0207_A1_D06		ZM_0207_A1_D06_MR
25643	ZM_0207_A1_D07	ZM_0207_A1_D07_T7C	
25644	ZM_0207_A1_D07		ZM_0207_A1_D07_MR
25645	ZM_0207_A1_D09	ZM_0207_A1_D09_T7C	
25646	ZM_0207_A1_D09		ZM_0207_A1_D09_MR
25647	ZM_0207_A1_D10	ZM_0207_A1_D10_T7C	
25648	ZM_0207_A1_D10		ZM_0207_A1_D10_MR
25649	ZM_0207_A1_D11	ZM_0207_A1_D11_T7C	
25650	ZM_0207_A1_D11		ZM_0207_A1_D11_MR
25651	ZM_0207_A1_D12	ZM_0207_A1_D12_T7C	
25652	ZM_0207_A1_D12		ZM_0207_A1_D12_MR
25653	ZM_0207_A1_E01		ZM_0207_A1_E01_MR
25654	ZM_0207_A1_E02	ZM_0207_A1_E02_T7C	
25655	ZM_0207_A1_E02		ZM_0207_A1_E02_MR
25656	ZM_0207_A1_E03	ZM_0207_A1_E03_T7C	
25657	ZM_0207_A1_E04	ZM_0207_A1_E04_T7C	
25658	ZM_0207_A1_E04		ZM_0207_A1_E04_MR
25659	ZM_0207_A1_E05	ZM_0207_A1_E05_T7C	
25660	ZM_0207_A1_E05		ZM_0207_A1_E05_MR
25661	ZM_0207_A1_E06	ZM_0207_A1_E06_T7C	
25662	ZM_0207_A1_E06		ZM_0207_A1_E06_MR
25663	ZM_0207_A1_E07	ZM_0207_A1_E07_T7C	
25664	ZM_0207_A1_E07		ZM_0207_A1_E07_MR
25665	ZM_0207_A1_E08	ZM_0207_A1_E08_T7C	
25666	ZM_0207_A1_E08		ZM_0207_A1_E08_MR
25667	ZM_0207_A1_E09	ZM_0207_A1_E09_T7C	
25668	ZM_0207_A1_E09		ZM_0207_A1_E09_MR
25669	ZM_0207_A1_E10	ZM_0207_A1_E10_T7C	
25670	ZM_0207_A1_E10		ZM_0207_A1_E10_MR
25671	ZM_0207_A1_E11	ZM_0207_A1_E11_T7C	
25672	ZM_0207_A1_E11		ZM_0207_A1_E11_MR
25673	ZM_0207_A1_F01	ZM_0207_A1_F01_T7C	
25674	ZM_0207_A1_F01		ZM_0207_A1_F01_MR
25675	ZM_0207_A1_F02	ZM_0207_A1_F02_T7C	
25676	ZM_0207_A1_F02		ZM_0207_A1_F02_MR
25677	ZM_0207_A1_F03	ZM_0207_A1_F03_T7C	
25678	ZM_0207_A1_F04	ZM_0207_A1_F04_T7C	
25679	ZM_0207_A1_F04		ZM_0207_A1_F04_MR
25680	ZM_0207_A1_F05	ZM_0207_A1_F05_T7C	
25681	ZM_0207_A1_F05		ZM_0207_A1_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25682	ZM_0207_A1_F06	ZM_0207_A1_F06_T7C	
25683	ZM_0207_A1_F07	ZM_0207_A1_F07_T7C	
25684	ZM_0207_A1_F08	ZM_0207_A1_F08_T7C	
25685	ZM_0207_A1_F08		ZM_0207_A1_F08_MR
25686	ZM_0207_A1_F09		ZM_0207_A1_F09_MR
25687	ZM_0207_A1_F10	ZM_0207_A1_F10_T7C	
25688	ZM_0207_A1_F10		ZM_0207_A1_F10_MR
25689	ZM_0207_A1_F11	ZM_0207_A1_F11_T7C	
25690	ZM_0207_A1_F11		ZM_0207_A1_F11_MR
25691	ZM_0207_A1_F12	ZM_0207_A1_F12_T7C	
25692	ZM_0207_A1_G01	ZM_0207_A1_G01_T7C	
25693	ZM_0207_A1_G02	ZM_0207_A1_G02_T7C	
25694	ZM_0207_A1_G02		ZM_0207_A1_G02_MR
25695	ZM_0207_A1_G03	ZM_0207_A1_G03_T7C	
25696	ZM_0207_A1_G03		ZM_0207_A1_G03_MR
25697	ZM_0207_A1_G04	ZM_0207_A1_G04_T7C	
25698	ZM_0207_A1_G04		ZM_0207_A1_G04_MR
25699	ZM_0207_A1_G05	ZM_0207_A1_G05_T7C	
25700	ZM_0207_A1_G05		ZM_0207_A1_G05_MR
25701	ZM_0207_A1_G06	ZM_0207_A1_G06_T7C	
25702	ZM_0207_A1_G07	ZM_0207_A1_G07_T7C	
25703	ZM_0207_A1_G07		ZM_0207_A1_G07_MR
25704	ZM_0207_A1_G08	ZM_0207_A1_G08_T7C	
25705	ZM_0207_A1_G08		ZM_0207_A1_G08_MR
25706	ZM_0207_A1_G09	ZM_0207_A1_G09_T7C	
25707	ZM_0207_A1_G09		ZM_0207_A1_G09_MR
25708	ZM_0207_A1_G10	ZM_0207_A1_G10_T7C	
25709	ZM_0207_A1_G10		ZM_0207_A1_G10_MR
25710	ZM_0207_A1_G11	ZM_0207_A1_G11_T7C	
25711	ZM_0207_A1_G11		ZM_0207_A1_G11_MR
25712	ZM_0207_A1_G12	ZM_0207_A1_G12_T7C	
25713	ZM_0207_A1_G12		ZM_0207_A1_G12_MR
25714	ZM_0207_A1_H01	ZM_0207_A1_H01_T7C	
25715	ZM_0207_A1_H01		ZM_0207_A1_H01_MR
25716	ZM_0207_A1_H02	ZM_0207_A1_H02_T7C	
25717	ZM_0207_A1_H03	ZM_0207_A1_H03_T7C	
25718	ZM_0207_A1_H03		ZM_0207_A1_H03_MR
25719	ZM_0207_A1_H04	ZM_0207_A1_H04_T7C	
25720	ZM_0207_A1_H04		ZM_0207_A1_H04_MR
25721	ZM_0207_A1_H05	ZM_0207_A1_H05_T7C	
25722	ZM_0207_A1_H05		ZM_0207_A1_H05_MR
25723	ZM_0207_A1_H06	ZM_0207_A1_H06_T7C	
25724	ZM_0207_A1_H06		ZM_0207_A1_H06_MR
25725	ZM_0207_A1_H07	ZM_0207_A1_H07_T7C	
25726	ZM_0207_A1_H07		ZM_0207_A1_H07_MR
25727	ZM_0207_A1_H08	ZM_0207_A1_H08_T7C	
25728	ZM_0207_A1_H08		ZM_0207_A1_H08_MR
25729	ZM_0207_A1_H09	ZM_0207_A1_H09_T7C	
25730	ZM_0207_A1_H09		ZM_0207_A1_H09_MR
25731	ZM_0207_A1_H10	ZM_0207_A1_H10_T7C	
25732	ZM_0207_A1_H10		ZM_0207_A1_H10_MR
25733	ZM_0207_A1_H11	ZM_0207_A1_H11_T7C	
25734	ZM_0207_A1_H11		ZM_0207_A1_H11_MR
25735	ZM_0207_A1_H12	ZM_0207_A1_H12_T7C	
25736	ZM_0207_A1_H12		ZM_0207_A1_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25737	ZM_0207_A2_A01	ZM_0207_A2_A01_T7C	ZM_0207_A2_A01_MR
25738	ZM_0207_A2_A01		ZM_0207_A2_A02_MR
25739	ZM_0207_A2_A02		
25740	ZM_0207_A2_A03	ZM_0207_A2_A03_T7C	ZM_0207_A2_A03_MR
25741	ZM_0207_A2_A03		
25742	ZM_0207_A2_A05	ZM_0207_A2_A05_T7C	ZM_0207_A2_A05_MR
25743	ZM_0207_A2_A05		
25744	ZM_0207_A2_A06	ZM_0207_A2_A06_T7C	ZM_0207_A2_A06_MR
25745	ZM_0207_A2_A06		
25746	ZM_0207_A2_A07	ZM_0207_A2_A07_T7C	ZM_0207_A2_A07_MR
25747	ZM_0207_A2_A07		
25748	ZM_0207_A2_A08	ZM_0207_A2_A08_T7C	ZM_0207_A2_A08_MR
25749	ZM_0207_A2_A08		
25750	ZM_0207_A2_A09	ZM_0207_A2_A09_T7C	ZM_0207_A2_A09_MR
25751	ZM_0207_A2_A09		
25752	ZM_0207_A2_A10	ZM_0207_A2_A10_T7C	
25753	ZM_0207_A2_A11	ZM_0207_A2_A11_T7C	ZM_0207_A2_A11_MR
25754	ZM_0207_A2_A11		
25755	ZM_0207_A2_A12	ZM_0207_A2_A12_T7C	ZM_0207_A2_A12_MR
25756	ZM_0207_A2_A12		
25757	ZM_0207_A2_B02	ZM_0207_A2_B02_T7C	ZM_0207_A2_B02_MR
25758	ZM_0207_A2_B02		
25759	ZM_0207_A2_B03	ZM_0207_A2_B03_T7C	ZM_0207_A2_B03_MR
25760	ZM_0207_A2_B03		
25761	ZM_0207_A2_B04	ZM_0207_A2_B04_T7C	
25762	ZM_0207_A2_B06	ZM_0207_A2_B06_T7C	
25763	ZM_0207_A2_B07	ZM_0207_A2_B07_T7C	ZM_0207_A2_B07_MR
25764	ZM_0207_A2_B07		
25765	ZM_0207_A2_B08	ZM_0207_A2_B08_T7C	ZM_0207_A2_B08_MR
25766	ZM_0207_A2_B08		
25767	ZM_0207_A2_B09	ZM_0207_A2_B09_T7C	ZM_0207_A2_B09_MR
25768	ZM_0207_A2_B09		ZM_0207_A2_B10_MR
25769	ZM_0207_A2_B10		
25770	ZM_0207_A2_B11	ZM_0207_A2_B11_T7C	ZM_0207_A2_B11_MR
25771	ZM_0207_A2_B11		
25772	ZM_0207_A2_B12	ZM_0207_A2_B12_T7C	ZM_0207_A2_B12_MR
25773	ZM_0207_A2_B12		
25774	ZM_0207_A2_C02	ZM_0207_A2_C02_T7C	ZM_0207_A2_C02_MR
25775	ZM_0207_A2_C02		
25776	ZM_0207_A2_C03	ZM_0207_A2_C03_T7C	ZM_0207_A2_C03_MR
25777	ZM_0207_A2_C03		
25778	ZM_0207_A2_C04	ZM_0207_A2_C04_T7C	ZM_0207_A2_C04_MR
25779	ZM_0207_A2_C04		
25780	ZM_0207_A2_C05	ZM_0207_A2_C05_T7C	
25781	ZM_0207_A2_C06	ZM_0207_A2_C06_T7C	ZM_0207_A2_C06_MR
25782	ZM_0207_A2_C06		
25783	ZM_0207_A2_C07	ZM_0207_A2_C07_T7C	ZM_0207_A2_C07_MR
25784	ZM_0207_A2_C07		
25785	ZM_0207_A2_C08	ZM_0207_A2_C08_T7C	
25786	ZM_0207_A2_C09	ZM_0207_A2_C09_T7C	ZM_0207_A2_C09_MR
25787	ZM_0207_A2_C09		
25788	ZM_0207_A2_C10	ZM_0207_A2_C10_T7C	ZM_0207_A2_C10_MR
25789	ZM_0207_A2_C10		
25790	ZM_0207_A2_C11	ZM_0207_A2_C11_T7C	ZM_0207_A2_C11_MR
25791	ZM_0207_A2_C11		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25792	ZM_0207_A2_C12	ZM_0207_A2_C12_T7C	ZM_0207_A2_C12_MR
25793	ZM_0207_A2_C12		
25794	ZM_0207_A2_D01	ZM_0207_A2_D01_T7C	ZM_0207_A2_D02_MR
25795	ZM_0207_A2_D02		
25796	ZM_0207_A2_D03	ZM_0207_A2_D03_T7C	ZM_0207_A2_D03_MR
25797	ZM_0207_A2_D03		ZM_0207_A2_D04_MR
25798	ZM_0207_A2_D04		
25799	ZM_0207_A2_D06	ZM_0207_A2_D06_T7C	ZM_0207_A2_D06_MR
25800	ZM_0207_A2_D06		
25801	ZM_0207_A2_D07	ZM_0207_A2_D07_T7C	ZM_0207_A2_D07_MR
25802	ZM_0207_A2_D07		
25803	ZM_0207_A2_D08	ZM_0207_A2_D08_T7C	ZM_0207_A2_D08_MR
25804	ZM_0207_A2_D08		
25805	ZM_0207_A2_D09	ZM_0207_A2_D09_T7C	ZM_0207_A2_D09_MR
25806	ZM_0207_A2_D09		
25807	ZM_0207_A2_D10	ZM_0207_A2_D10_T7C	ZM_0207_A2_D10_MR
25808	ZM_0207_A2_D10		
25809	ZM_0207_A2_D11	ZM_0207_A2_D11_T7C	ZM_0207_A2_D11_MR
25810	ZM_0207_A2_D11		
25811	ZM_0207_A2_D12	ZM_0207_A2_D12_T7C	ZM_0207_A2_D12_MR
25812	ZM_0207_A2_D12		
25813	ZM_0207_A2_E01	ZM_0207_A2_E01_T7C	ZM_0207_A2_E02_MR
25814	ZM_0207_A2_E02		
25815	ZM_0207_A2_E03	ZM_0207_A2_E03_T7C	ZM_0207_A2_E03_MR
25816	ZM_0207_A2_E03		ZM_0207_A2_E04_MR
25817	ZM_0207_A2_E04		ZM_0207_A2_E05_MR
25818	ZM_0207_A2_E05		ZM_0207_A2_E06_MR
25819	ZM_0207_A2_E06		
25820	ZM_0207_A2_E07	ZM_0207_A2_E07_T7C	ZM_0207_A2_E07_MR
25821	ZM_0207_A2_E07		
25822	ZM_0207_A2_E08	ZM_0207_A2_E08_T7C	ZM_0207_A2_E08_MR
25823	ZM_0207_A2_E08		
25824	ZM_0207_A2_E09	ZM_0207_A2_E09_T7C	ZM_0207_A2_E09_MR
25825	ZM_0207_A2_E09		
25826	ZM_0207_A2_E10	ZM_0207_A2_E10_T7C	ZM_0207_A2_E10_MR
25827	ZM_0207_A2_E10		ZM_0207_A2_E11_MR
25828	ZM_0207_A2_E11		
25829	ZM_0207_A2_F01	ZM_0207_A2_F01_T7C	
25830	ZM_0207_A2_F03	ZM_0207_A2_F03_T7C	ZM_0207_A2_F03_MR
25831	ZM_0207_A2_F03		ZM_0207_A2_F04_MR
25832	ZM_0207_A2_F04		ZM_0207_A2_F05_MR
25833	ZM_0207_A2_F05		
25834	ZM_0207_A2_F06	ZM_0207_A2_F06_T7C	ZM_0207_A2_F06_MR
25835	ZM_0207_A2_F06		ZM_0207_A2_F07_MR
25836	ZM_0207_A2_F07		
25837	ZM_0207_A2_F08	ZM_0207_A2_F08_T7C	ZM_0207_A2_F08_MR
25838	ZM_0207_A2_F08		ZM_0207_A2_F09_MR
25839	ZM_0207_A2_F09		
25840	ZM_0207_A2_F10	ZM_0207_A2_F10_T7C	
25841	ZM_0207_A2_F11	ZM_0207_A2_F11_T7C	ZM_0207_A2_F11_MR
25842	ZM_0207_A2_F11		
25843	ZM_0207_A2_G01	ZM_0207_A2_G01_T7C	ZM_0207_A2_G03_MR
25844	ZM_0207_A2_G03		ZM_0207_A2_G04_MR
25845	ZM_0207_A2_G04		ZM_0207_A2_G05_MR
25846	ZM_0207_A2_G05		



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25847	ZM_0207_A2_G06		ZM_0207_A2_G06_MR
25848	ZM_0207_A2_G07		ZM_0207_A2_G07_MR
25849	ZM_0207_A2_G08		ZM_0207_A2_G08_MR
25850	ZM_0207_A2_G09		ZM_0207_A2_G09_MR
25851	ZM_0207_A2_G10		ZM_0207_A2_G10_MR
25852	ZM_0207_A2_G11		ZM_0207_A2_G11_MR
25853	ZM_0207_A2_H03	ZM_0207_A2_H03_T7C	
25854	ZM_0207_A2_H04	ZM_0207_A2_H04_T7C	
25855	ZM_0207_A2_H04		ZM_0207_A2_H04_MR
25856	ZM_0207_A2_H05	ZM_0207_A2_H05_T7C	
25857	ZM_0207_A2_H05		ZM_0207_A2_H05_MR
25858	ZM_0207_A2_H06	ZM_0207_A2_H06_T7C	
25859	ZM_0207_A2_H06		ZM_0207_A2_H06_MR
25860	ZM_0207_A2_H07		ZM_0207_A2_H07_MR
25861	ZM_0207_A2_H08		ZM_0207_A2_H08_MR
25862	ZM_0207_A2_H09		ZM_0207_A2_H09_MR
25863	ZM_0207_A2_H11		ZM_0207_A2_H11_MR
25864	ZM_0207_A2_H12	ZM_0207_A2_H12_T7C	
25865	ZM_0207_A2_H12		ZM_0207_A2_H12_MR
25866	ZM_0207_B1_A01	ZM_0207_B1_A01_MF	
25867	ZM_0207_B1_A02	ZM_0207_B1_A02_MF	
25868	ZM_0207_B1_A03	ZM_0207_B1_A03_MF	
25869	ZM_0207_B1_A04	ZM_0207_B1_A04_MF	
25870	ZM_0207_B1_A05	ZM_0207_B1_A05_MF	
25871	ZM_0207_B1_A06	ZM_0207_B1_A06_MF	
25872	ZM_0207_B1_A07	ZM_0207_B1_A07_MF	
25873	ZM_0207_B1_A08	ZM_0207_B1_A08_MF	
25874	ZM_0207_B1_A10	ZM_0207_B1_A10_MF	
25875	ZM_0207_B1_A11	ZM_0207_B1_A11_MF	
25876	ZM_0207_B1_A12	ZM_0207_B1_A12_MF	
25877	ZM_0207_B1_B04	ZM_0207_B1_B04_MF	
25878	ZM_0207_B1_B05	ZM_0207_B1_B05_MF	
25879	ZM_0207_B1_B07	ZM_0207_B1_B07_MF	
25880	ZM_0207_B1_B08	ZM_0207_B1_B08_MF	
25881	ZM_0207_B1_B09	ZM_0207_B1_B09_MF	
25882	ZM_0207_B1_B10	ZM_0207_B1_B10_MF	
25883	ZM_0207_B1_B11	ZM_0207_B1_B11_MF	
25884	ZM_0207_B1_B12	ZM_0207_B1_B12_MF	
25885	ZM_0207_B1_C01	ZM_0207_B1_C01_MF	
25886	ZM_0207_B1_C02	ZM_0207_B1_C02_MF	
25887	ZM_0207_B1_C03	ZM_0207_B1_C03_MF	
25888	ZM_0207_B1_C04	ZM_0207_B1_C04_MF	
25889	ZM_0207_B1_C05	ZM_0207_B1_C05_MF	
25890	ZM_0207_B1_C06	ZM_0207_B1_C06_MF	
25891	ZM_0207_B1_C07	ZM_0207_B1_C07_MF	
25892	ZM_0207_B1_C08	ZM_0207_B1_C08_MF	
25893	ZM_0207_B1_C09	ZM_0207_B1_C09_MF	
25894	ZM_0207_B1_C10	ZM_0207_B1_C10_MF	
25895	ZM_0207_B1_C11	ZM_0207_B1_C11_MF	
25896	ZM_0207_B1_C12	ZM_0207_B1_C12_MF	
25897	ZM_0207_B1_D01	ZM_0207_B1_D01_MF	
25898	ZM_0207_B1_D02	ZM_0207_B1_D02_MF	
25899	ZM_0207_B1_D03	ZM_0207_B1_D03_MF	
25900	ZM_0207_B1_D04	ZM_0207_B1_D04_MF	
25901	ZM_0207_B1_D05	ZM_0207_B1_D05_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25902	ZM_0207_B1_D06	ZM_0207_B1_D06_MF	
25903	ZM_0207_B1_D08	ZM_0207_B1_D08_MF	
25904	ZM_0207_B1_D09	ZM_0207_B1_D09_MF	
25905	ZM_0207_B1_D11	ZM_0207_B1_D11_MF	
25906	ZM_0207_B1_D12	ZM_0207_B1_D12_MF	
25907	ZM_0207_B1_E01	ZM_0207_B1_E01_MF	
25908	ZM_0207_B1_E02	ZM_0207_B1_E02_MF	
25909	ZM_0207_B1_E03	ZM_0207_B1_E03_MF	
25910	ZM_0207_B1_E04	ZM_0207_B1_E04_MF	
25911	ZM_0207_B1_E05	ZM_0207_B1_E05_MF	
25912	ZM_0207_B1_E06	ZM_0207_B1_E06_MF	
25913	ZM_0207_B1_E07	ZM_0207_B1_E07_MF	
25914	ZM_0207_B1_E08	ZM_0207_B1_E08_MF	
25915	ZM_0207_B1_E10	ZM_0207_B1_E10_MF	
25916	ZM_0207_B1_E11	ZM_0207_B1_E11_MF	
25917	ZM_0207_B1_E12	ZM_0207_B1_E12_MF	
25918	ZM_0207_B1_F01	ZM_0207_B1_F01_MF	
25919	ZM_0207_B1_F02	ZM_0207_B1_F02_MF	
25920	ZM_0207_B1_F03	ZM_0207_B1_F03_MF	
25921	ZM_0207_B1_F04	ZM_0207_B1_F04_MF	
25922	ZM_0207_B1_F05	ZM_0207_B1_F05_MF	
25923	ZM_0207_B1_F06	ZM_0207_B1_F06_MF	
25924	ZM_0207_B1_F07	ZM_0207_B1_F07_MF	
25925	ZM_0207_B1_F08	ZM_0207_B1_F08_MF	
25926	ZM_0207_B1_F09	ZM_0207_B1_F09_MF	
25927	ZM_0207_B1_F10	ZM_0207_B1_F10_MF	
25928	ZM_0207_B1_F11	ZM_0207_B1_F11_MF	
25929	ZM_0207_B1_F12	ZM_0207_B1_F12_MF	
25930	ZM_0207_B1_G01	ZM_0207_B1_G01_MF	
25931	ZM_0207_B1_G02	ZM_0207_B1_G02_MF	
25932	ZM_0207_B1_G03	ZM_0207_B1_G03_MF	
25933	ZM_0207_B1_G04	ZM_0207_B1_G04_MF	
25934	ZM_0207_B1_G05	ZM_0207_B1_G05_MF	
25935	ZM_0207_B1_G06	ZM_0207_B1_G06_MF	
25936	ZM_0207_B1_G08	ZM_0207_B1_G08_MF	
25937	ZM_0207_B1_G09	ZM_0207_B1_G09_MF	
25938	ZM_0207_B1_G11	ZM_0207_B1_G11_MF	
25939	ZM_0207_B1_G12	ZM_0207_B1_G12_MF	
25940	ZM_0207_B1_H01	ZM_0207_B1_H01_MF	
25941	ZM_0207_B1_H02	ZM_0207_B1_H02_MF	
25942	ZM_0207_B1_H03	ZM_0207_B1_H03_MF	
25943	ZM_0207_B1_H04	ZM_0207_B1_H04_MF	
25944	ZM_0207_B1_H05	ZM_0207_B1_H05_MF	
25945	ZM_0207_B1_H06	ZM_0207_B1_H06_MF	
25946	ZM_0207_B1_H07	ZM_0207_B1_H07_MF	
25947	ZM_0207_B1_H08	ZM_0207_B1_H08_MF	
25948	ZM_0207_B1_H09	ZM_0207_B1_H09_MF	
25949	ZM_0207_B1_H10	ZM_0207_B1_H10_MF	
25950	ZM_0207_B1_H11	ZM_0207_B1_H11_MF	
25951	ZM_0207_B1_H12	ZM_0207_B1_H12_MF	
25952	ZM_0207_B2_A04		ZM_0207_B2_A04_MR
25953	ZM_0207_B2_A05		ZM_0207_B2_A05_MR
25954	ZM_0207_B2_A07		ZM_0207_B2_A07_MR
25955	ZM_0207_B2_A10		ZM_0207_B2_A10_MR
25956	ZM_0207_B2_B04		ZM_0207_B2_B04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
25957	ZM_0207_B2_B09		ZM_0207_B2_B09_MR
25958	ZM_0207_B2_B10		ZM_0207_B2_B10_MR
25959	ZM_0207_B2_C02		ZM_0207_B2_C02_MR
25960	ZM_0207_B2_C04		ZM_0207_B2_C04_MR
25961	ZM_0207_B2_C05		ZM_0207_B2_C05_MR
25962	ZM_0207_B2_C06		ZM_0207_B2_C06_MR
25963	ZM_0207_B2_C08		ZM_0207_B2_C08_MR
25964	ZM_0207_B2_C09		ZM_0207_B2_C09_MR
25965	ZM_0207_B2_C10		ZM_0207_B2_C10_MR
25966	ZM_0207_B2_D01		ZM_0207_B2_D01_MR
25967	ZM_0207_B2_D07		ZM_0207_B2_D07_MR
25968	ZM_0207_B2_D08		ZM_0207_B2_D08_MR
25969	ZM_0207_B2_D09		ZM_0207_B2_D09_MR
25970	ZM_0207_B2_D10		ZM_0207_B2_D10_MR
25971	ZM_0207_B2_E03		ZM_0207_B2_E03_MR
25972	ZM_0207_B2_E04		ZM_0207_B2_E04_MR
25973	ZM_0207_B2_E05		ZM_0207_B2_E05_MR
25974	ZM_0207_B2_E06		ZM_0207_B2_E06_MR
25975	ZM_0207_B2_E07		ZM_0207_B2_E07_MR
25976	ZM_0207_B2_E09		ZM_0207_B2_E09_MR
25977	ZM_0207_B2_E10		ZM_0207_B2_E10_MR
25978	ZM_0207_B2_F07		ZM_0207_B2_F07_MR
25979	ZM_0207_B2_F08		ZM_0207_B2_F08_MR
25980	ZM_0207_B2_F09		ZM_0207_B2_F09_MR
25981	ZM_0207_B2_F10		ZM_0207_B2_F10_MR
25982	ZM_0207_B2_G04		ZM_0207_B2_G04_MR
25983	ZM_0207_B2_G07		ZM_0207_B2_G07_MR
25984	ZM_0207_B2_G08		ZM_0207_B2_G08_MR
25985	ZM_0207_B2_G09		ZM_0207_B2_G09_MR
25986	ZM_0207_B2_G10		ZM_0207_B2_G10_MR
25987	ZM_0207_B2_H01		ZM_0207_B2_H01_MR
25988	ZM_0207_B2_H07		ZM_0207_B2_H07_MR
25989	ZM_0207_B2_H08		ZM_0207_B2_H08_MR
25990	ZM_0207_B2_H09		ZM_0207_B2_H09_MR
25991	ZM_0207_B2_H10		ZM_0207_B2_H10_MR
25992	ZM_0208_A1_A02	ZM_0208_A1_A02_T7C	
25993	ZM_0208_A1_A02		ZM_0208_A1_A02_MR
25994	ZM_0208_A1_A03	ZM_0208_A1_A03_T7C	
25995	ZM_0208_A1_A03		ZM_0208_A1_A03_MR
25996	ZM_0208_A1_A04	ZM_0208_A1_A04_T7C	
25997	ZM_0208_A1_A04		ZM_0208_A1_A04_MR
25998	ZM_0208_A1_A05	ZM_0208_A1_A05_T7C	
25999	ZM_0208_A1_A05		ZM_0208_A1_A05_MR
26000	ZM_0208_A1_A06		ZM_0208_A1_A06_MR
26001	ZM_0208_A1_A07	ZM_0208_A1_A07_T7C	
26002	ZM_0208_A1_A07		ZM_0208_A1_A07_MR
26003	ZM_0208_A1_A09		ZM_0208_A1_A09_MR
26004	ZM_0208_A1_A11		ZM_0208_A1_A11_MR
26005	ZM_0208_A1_A12	ZM_0208_A1_A12_T7C	
26006	ZM_0208_A1_A12		ZM_0208_A1_A12_MR
26007	ZM_0208_A1_B01	ZM_0208_A1_B01_T7C	
26008	ZM_0208_A1_B01		ZM_0208_A1_B01_MR
26009	ZM_0208_A1_B02	ZM_0208_A1_B02_T7C	
26010	ZM_0208_A1_B02		ZM_0208_A1_B02_MR
26011	ZM_0208_A1_B03	ZM_0208_A1_B03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26012	ZM_0208_A1_B03		ZM_0208_A1_B03_MR
26013	ZM_0208_A1_B04	ZM_0208_A1_B04_T7C	
26014	ZM_0208_A1_B04		ZM_0208_A1_B04_MR
26015	ZM_0208_A1_B06	ZM_0208_A1_B06_T7C	
26016	ZM_0208_A1_B06		ZM_0208_A1_B06_MR
26017	ZM_0208_A1_B07	ZM_0208_A1_B07_T7C	
26018	ZM_0208_A1_B07		ZM_0208_A1_B07_MR
26019	ZM_0208_A1_B08	ZM_0208_A1_B08_T7C	
26020	ZM_0208_A1_B08		ZM_0208_A1_B08_MR
26021	ZM_0208_A1_B09	ZM_0208_A1_B09_T7C	
26022	ZM_0208_A1_B09		ZM_0208_A1_B09_MR
26023	ZM_0208_A1_B10	ZM_0208_A1_B10_T7C	
26024	ZM_0208_A1_B10		ZM_0208_A1_B10_MR
26025	ZM_0208_A1_B11	ZM_0208_A1_B11_T7C	
26026	ZM_0208_A1_B11		ZM_0208_A1_B11_MR
26027	ZM_0208_A1_B12	ZM_0208_A1_B12_T7C	
26028	ZM_0208_A1_B12		ZM_0208_A1_B12_MR
26029	ZM_0208_A1_C01	ZM_0208_A1_C01_T7C	
26030	ZM_0208_A1_C01		ZM_0208_A1_C01_MR
26031	ZM_0208_A1_C02	ZM_0208_A1_C02_T7C	
26032	ZM_0208_A1_C02		ZM_0208_A1_C02_MR
26033	ZM_0208_A1_C03	ZM_0208_A1_C03_T7C	
26034	ZM_0208_A1_C03		ZM_0208_A1_C03_MR
26035	ZM_0208_A1_C04	ZM_0208_A1_C04_T7C	
26036	ZM_0208_A1_C04		ZM_0208_A1_C04_MR
26037	ZM_0208_A1_C05	ZM_0208_A1_C05_T7C	
26038	ZM_0208_A1_C05		ZM_0208_A1_C05_MR
26039	ZM_0208_A1_C06	ZM_0208_A1_C06_T7C	
26040	ZM_0208_A1_C06		ZM_0208_A1_C06_MR
26041	ZM_0208_A1_C07	ZM_0208_A1_C07_T7C	
26042	ZM_0208_A1_C07		ZM_0208_A1_C07_MR
26043	ZM_0208_A1_C08	ZM_0208_A1_C08_T7C	
26044	ZM_0208_A1_C08		ZM_0208_A1_C08_MR
26045	ZM_0208_A1_C09	ZM_0208_A1_C09_T7C	
26046	ZM_0208_A1_C09		ZM_0208_A1_C09_MR
26047	ZM_0208_A1_C10	ZM_0208_A1_C10_T7C	
26048	ZM_0208_A1_C10		ZM_0208_A1_C10_MR
26049	ZM_0208_A1_C11	ZM_0208_A1_C11_T7C	
26050	ZM_0208_A1_C11		ZM_0208_A1_C11_MR
26051	ZM_0208_A1_C12		ZM_0208_A1_C12_MR
26052	ZM_0208_A1_D01	ZM_0208_A1_D01_T7C	
26053	ZM_0208_A1_D01		ZM_0208_A1_D01_MR
26054	ZM_0208_A1_D02	ZM_0208_A1_D02_T7C	
26055	ZM_0208_A1_D02		ZM_0208_A1_D02_MR
26056	ZM_0208_A1_D03		ZM_0208_A1_D03_MR
26057	ZM_0208_A1_D05	ZM_0208_A1_D05_T7C	
26058	ZM_0208_A1_D05		ZM_0208_A1_D05_MR
26059	ZM_0208_A1_D06	ZM_0208_A1_D06_T7C	
26060	ZM_0208_A1_D06		ZM_0208_A1_D06_MR
26061	ZM_0208_A1_D07	ZM_0208_A1_D07_T7C	
26062	ZM_0208_A1_D08	ZM_0208_A1_D08_T7C	
26063	ZM_0208_A1_D08		ZM_0208_A1_D08_MR
26064	ZM_0208_A1_D09	ZM_0208_A1_D09_T7C	
26065	ZM_0208_A1_D09		ZM_0208_A1_D09_MR
26066	ZM_0208_A1_D10	ZM_0208_A1_D10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26067	ZM_0208_A1_D10		ZM_0208_A1_D10_MR
26068	ZM_0208_A1_D11	ZM_0208_A1_D11_T7C	
26069	ZM_0208_A1_D11		ZM_0208_A1_D11_MR
26070	ZM_0208_A1_D12	ZM_0208_A1_D12_T7C	
26071	ZM_0208_A1_D12		ZM_0208_A1_D12_MR
26072	ZM_0208_A1_E01	ZM_0208_A1_E01_T7C	
26073	ZM_0208_A1_E01		ZM_0208_A1_E01_MR
26074	ZM_0208_A1_E02	ZM_0208_A1_E02_T7C	
26075	ZM_0208_A1_E02		ZM_0208_A1_E02_MR
26076	ZM_0208_A1_E03	ZM_0208_A1_E03_T7C	
26077	ZM_0208_A1_E03		ZM_0208_A1_E03_MR
26078	ZM_0208_A1_E04	ZM_0208_A1_E04_T7C	
26079	ZM_0208_A1_E04		ZM_0208_A1_E04_MR
26080	ZM_0208_A1_E05	ZM_0208_A1_E05_T7C	
26081	ZM_0208_A1_E05		ZM_0208_A1_E05_MR
26082	ZM_0208_A1_E06		ZM_0208_A1_E06_MR
26083	ZM_0208_A1_E07	ZM_0208_A1_E07_T7C	
26084	ZM_0208_A1_E07		ZM_0208_A1_E07_MR
26085	ZM_0208_A1_E08	ZM_0208_A1_E08_T7C	
26086	ZM_0208_A1_E08		ZM_0208_A1_E08_MR
26087	ZM_0208_A1_E09	ZM_0208_A1_E09_T7C	
26088	ZM_0208_A1_E09		ZM_0208_A1_E09_MR
26089	ZM_0208_A1_E10	ZM_0208_A1_E10_T7C	
26090	ZM_0208_A1_E10		ZM_0208_A1_E10_MR
26091	ZM_0208_A1_E11	ZM_0208_A1_E11_T7C	
26092	ZM_0208_A1_E11		ZM_0208_A1_E11_MR
26093	ZM_0208_A1_E12	ZM_0208_A1_E12_T7C	
26094	ZM_0208_A1_E12		ZM_0208_A1_E12_MR
26095	ZM_0208_A1_F01	ZM_0208_A1_F01_T7C	
26096	ZM_0208_A1_F01		ZM_0208_A1_F01_MR
26097	ZM_0208_A1_F02	ZM_0208_A1_F02_T7C	
26098	ZM_0208_A1_F02		ZM_0208_A1_F02_MR
26099	ZM_0208_A1_F03	ZM_0208_A1_F03_T7C	
26100	ZM_0208_A1_F03		ZM_0208_A1_F03_MR
26101	ZM_0208_A1_F04	ZM_0208_A1_F04_T7C	
26102	ZM_0208_A1_F05	ZM_0208_A1_F05_T7C	
26103	ZM_0208_A1_F05		ZM_0208_A1_F05_MR
26104	ZM_0208_A1_F06	ZM_0208_A1_F06_T7C	
26105	ZM_0208_A1_F06		ZM_0208_A1_F06_MR
26106	ZM_0208_A1_F07	ZM_0208_A1_F07_T7C	
26107	ZM_0208_A1_F07		ZM_0208_A1_F07_MR
26108	ZM_0208_A1_F08		ZM_0208_A1_F08_MR
26109	ZM_0208_A1_F09	ZM_0208_A1_F09_T7C	
26110	ZM_0208_A1_F09		ZM_0208_A1_F09_MR
26111	ZM_0208_A1_F10	ZM_0208_A1_F10_T7C	
26112	ZM_0208_A1_F10		ZM_0208_A1_F10_MR
26113	ZM_0208_A1_F11	ZM_0208_A1_F11_T7C	
26114	ZM_0208_A1_F11		ZM_0208_A1_F11_MR
26115	ZM_0208_A1_F12	ZM_0208_A1_F12_T7C	
26116	ZM_0208_A1_F12		ZM_0208_A1_F12_MR
26117	ZM_0208_A1_G01	ZM_0208_A1_G01_T7C	
26118	ZM_0208_A1_G01		ZM_0208_A1_G01_MR
26119	ZM_0208_A1_G02	ZM_0208_A1_G02_T7C	
26120	ZM_0208_A1_G02		ZM_0208_A1_G02_MR
26121	ZM_0208_A1_G03	ZM_0208_A1_G03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26122	ZM_0208_A1_G03		ZM_0208_A1_G03_MR
26123	ZM_0208_A1_G04	ZM_0208_A1_G04_T7C	
26124	ZM_0208_A1_G04		ZM_0208_A1_G04_MR
26125	ZM_0208_A1_G05	ZM_0208_A1_G05_T7C	
26126	ZM_0208_A1_G05		ZM_0208_A1_G05_MR
26127	ZM_0208_A1_G06	ZM_0208_A1_G06_T7C	
26128	ZM_0208_A1_G06		ZM_0208_A1_G06_MR
26129	ZM_0208_A1_G07	ZM_0208_A1_G07_T7C	
26130	ZM_0208_A1_G07		ZM_0208_A1_G07_MR
26131	ZM_0208_A1_G08	ZM_0208_A1_G08_T7C	
26132	ZM_0208_A1_G08		ZM_0208_A1_G08_MR
26133	ZM_0208_A1_G09		ZM_0208_A1_G09_MR
26134	ZM_0208_A1_G10	ZM_0208_A1_G10_T7C	
26135	ZM_0208_A1_G10		ZM_0208_A1_G10_MR
26136	ZM_0208_A1_G12	ZM_0208_A1_G12_T7C	
26137	ZM_0208_A1_G12		ZM_0208_A1_G12_MR
26138	ZM_0208_A1_H01	ZM_0208_A1_H01_T7C	
26139	ZM_0208_A1_H01		ZM_0208_A1_H01_MR
26140	ZM_0208_A1_H02	ZM_0208_A1_H02_T7C	
26141	ZM_0208_A1_H02		ZM_0208_A1_H02_MR
26142	ZM_0208_A1_H03	ZM_0208_A1_H03_T7C	
26143	ZM_0208_A1_H03		ZM_0208_A1_H03_MR
26144	ZM_0208_A1_H04	ZM_0208_A1_H04_T7C	
26145	ZM_0208_A1_H04		ZM_0208_A1_H04_MR
26146	ZM_0208_A1_H05	ZM_0208_A1_H05_T7C	
26147	ZM_0208_A1_H05		ZM_0208_A1_H05_MR
26148	ZM_0208_A1_H06	ZM_0208_A1_H06_T7C	
26149	ZM_0208_A1_H06		ZM_0208_A1_H06_MR
26150	ZM_0208_A1_H07	ZM_0208_A1_H07_T7C	
26151	ZM_0208_A1_H07		ZM_0208_A1_H07_MR
26152	ZM_0208_A1_H08	ZM_0208_A1_H08_T7C	
26153	ZM_0208_A1_H08		ZM_0208_A1_H08_MR
26154	ZM_0208_A1_H11	ZM_0208_A1_H11_T7C	
26155	ZM_0208_A1_H11		ZM_0208_A1_H11_MR
26156	ZM_0208_A1_H12	ZM_0208_A1_H12_T7C	
26157	ZM_0208_A1_H12		ZM_0208_A1_H12_MR
26158	ZM_0208_A2_A01	ZM_0208_A2_A01_T7C	
26159	ZM_0208_A2_A01		ZM_0208_A2_A01_MR
26160	ZM_0208_A2_A02	ZM_0208_A2_A02_T7C	
26161	ZM_0208_A2_A03	ZM_0208_A2_A03_T7C	
26162	ZM_0208_A2_A04	ZM_0208_A2_A04_T7C	
26163	ZM_0208_A2_A04		ZM_0208_A2_A04_MR
26164	ZM_0208_A2_A05	ZM_0208_A2_A05_T7C	
26165	ZM_0208_A2_A05		ZM_0208_A2_A05_MR
26166	ZM_0208_A2_A06	ZM_0208_A2_A06_T7C	
26167	ZM_0208_A2_A06		ZM_0208_A2_A06_MR
26168	ZM_0208_A2_A07	ZM_0208_A2_A07_T7C	
26169	ZM_0208_A2_A07		ZM_0208_A2_A07_MR
26170	ZM_0208_A2_A08	ZM_0208_A2_A08_T7C	
26171	ZM_0208_A2_A08		ZM_0208_A2_A08_MR
26172	ZM_0208_A2_A09	ZM_0208_A2_A09_T7C	
26173	ZM_0208_A2_A09		ZM_0208_A2_A09_MR
26174	ZM_0208_A2_A10	ZM_0208_A2_A10_T7C	
26175	ZM_0208_A2_A10		ZM_0208_A2_A10_MR
26176	ZM_0208_A2_A11	ZM_0208_A2_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26177	ZM_0208_A2_A11		ZM_0208_A2_A11_MR
26178	ZM_0208_A2_B01	ZM_0208_A2_B01_T7C	
26179	ZM_0208_A2_B01		ZM_0208_A2_B01_MR
26180	ZM_0208_A2_B02	ZM_0208_A2_B02_T7C	
26181	ZM_0208_A2_B02		ZM_0208_A2_B02_MR
26182	ZM_0208_A2_B03	ZM_0208_A2_B03_T7C	
26183	ZM_0208_A2_B04	ZM_0208_A2_B04_T7C	
26184	ZM_0208_A2_B04		ZM_0208_A2_B04_MR
26185	ZM_0208_A2_B05	ZM_0208_A2_B05_T7C	
26186	ZM_0208_A2_B05		ZM_0208_A2_B05_MR
26187	ZM_0208_A2_B06		ZM_0208_A2_B06_MR
26188	ZM_0208_A2_B07	ZM_0208_A2_B07_T7C	
26189	ZM_0208_A2_B08	ZM_0208_A2_B08_T7C	
26190	ZM_0208_A2_B08		ZM_0208_A2_B08_MR
26191	ZM_0208_A2_B09	ZM_0208_A2_B09_T7C	
26192	ZM_0208_A2_B09		ZM_0208_A2_B09_MR
26193	ZM_0208_A2_B10	ZM_0208_A2_B10_T7C	
26194	ZM_0208_A2_B10		ZM_0208_A2_B10_MR
26195	ZM_0208_A2_B11	ZM_0208_A2_B11_T7C	
26196	ZM_0208_A2_B11		ZM_0208_A2_B11_MR
26197	ZM_0208_A2_B12	ZM_0208_A2_B12_T7C	
26198	ZM_0208_A2_C01	ZM_0208_A2_C01_T7C	
26199	ZM_0208_A2_C01		ZM_0208_A2_C01_MR
26200	ZM_0208_A2_C02		ZM_0208_A2_C02_MR
26201	ZM_0208_A2_C03	ZM_0208_A2_C03_T7C	
26202	ZM_0208_A2_C03		ZM_0208_A2_C03_MR
26203	ZM_0208_A2_C04	ZM_0208_A2_C04_T7C	
26204	ZM_0208_A2_C04		ZM_0208_A2_C04_MR
26205	ZM_0208_A2_C06	ZM_0208_A2_C06_T7C	
26206	ZM_0208_A2_C06		ZM_0208_A2_C06_MR
26207	ZM_0208_A2_C07	ZM_0208_A2_C07_T7C	
26208	ZM_0208_A2_C07		ZM_0208_A2_C07_MR
26209	ZM_0208_A2_C08	ZM_0208_A2_C08_T7C	
26210	ZM_0208_A2_C08		ZM_0208_A2_C08_MR
26211	ZM_0208_A2_C09	ZM_0208_A2_C09_T7C	
26212	ZM_0208_A2_C09		ZM_0208_A2_C09_MR
26213	ZM_0208_A2_C10	ZM_0208_A2_C10_T7C	
26214	ZM_0208_A2_C10		ZM_0208_A2_C10_MR
26215	ZM_0208_A2_C11	ZM_0208_A2_C11_T7C	
26216	ZM_0208_A2_C11		ZM_0208_A2_C11_MR
26217	ZM_0208_A2_C12	ZM_0208_A2_C12_T7C	
26218	ZM_0208_A2_C12		ZM_0208_A2_C12_MR
26219	ZM_0208_A2_D01	ZM_0208_A2_D01_T7C	
26220	ZM_0208_A2_D01		ZM_0208_A2_D01_MR
26221	ZM_0208_A2_D02	ZM_0208_A2_D02_T7C	
26222	ZM_0208_A2_D03	ZM_0208_A2_D03_T7C	
26223	ZM_0208_A2_D04	ZM_0208_A2_D04_T7C	
26224	ZM_0208_A2_D04		ZM_0208_A2_D04_MR
26225	ZM_0208_A2_D05	ZM_0208_A2_D05_T7C	
26226	ZM_0208_A2_D05		ZM_0208_A2_D05_MR
26227	ZM_0208_A2_D06	ZM_0208_A2_D06_T7C	
26228	ZM_0208_A2_D06		ZM_0208_A2_D06_MR
26229	ZM_0208_A2_D07	ZM_0208_A2_D07_T7C	
26230	ZM_0208_A2_D07		ZM_0208_A2_D07_MR
26231	ZM_0208_A2_D08	ZM_0208_A2_D08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26232	ZM_0208_A2_D09	ZM_0208_A2_D09_T7C	
26233	ZM_0208_A2_D09		ZM_0208_A2_D09_MR
26234	ZM_0208_A2_D10	ZM_0208_A2_D10_T7C	
26235	ZM_0208_A2_D10		ZM_0208_A2_D10_MR
26236	ZM_0208_A2_D11	ZM_0208_A2_D11_T7C	
26237	ZM_0208_A2_D11		ZM_0208_A2_D11_MR
26238	ZM_0208_A2_D12	ZM_0208_A2_D12_T7C	
26239	ZM_0208_A2_D12		ZM_0208_A2_D12_MR
26240	ZM_0208_A2_E01	ZM_0208_A2_E01_T7C	
26241	ZM_0208_A2_E01		ZM_0208_A2_E01_MR
26242	ZM_0208_A2_E02	ZM_0208_A2_E02_T7C	
26243	ZM_0208_A2_E02		ZM_0208_A2_E02_MR
26244	ZM_0208_A2_E03	ZM_0208_A2_E03_T7C	
26245	ZM_0208_A2_E03		ZM_0208_A2_E03_MR
26246	ZM_0208_A2_E04		ZM_0208_A2_E04_MR
26247	ZM_0208_A2_E05	ZM_0208_A2_E05_T7C	
26248	ZM_0208_A2_E05		ZM_0208_A2_E05_MR
26249	ZM_0208_A2_E07	ZM_0208_A2_E07_T7C	
26250	ZM_0208_A2_E07		ZM_0208_A2_E07_MR
26251	ZM_0208_A2_E08	ZM_0208_A2_E08_T7C	
26252	ZM_0208_A2_E09		ZM_0208_A2_E09_MR
26253	ZM_0208_A2_E10	ZM_0208_A2_E10_T7C	
26254	ZM_0208_A2_E10		ZM_0208_A2_E10_MR
26255	ZM_0208_A2_E11	ZM_0208_A2_E11_T7C	
26256	ZM_0208_A2_E11		ZM_0208_A2_E11_MR
26257	ZM_0208_A2_E12	ZM_0208_A2_E12_T7C	
26258	ZM_0208_A2_E12		ZM_0208_A2_E12_MR
26259	ZM_0208_A2_F01	ZM_0208_A2_F01_T7C	
26260	ZM_0208_A2_F01		ZM_0208_A2_F01_MR
26261	ZM_0208_A2_F02	ZM_0208_A2_F02_T7C	
26262	ZM_0208_A2_F02		ZM_0208_A2_F02_MR
26263	ZM_0208_A2_F04	ZM_0208_A2_F04_T7C	
26264	ZM_0208_A2_F04		ZM_0208_A2_F04_MR
26265	ZM_0208_A2_F05	ZM_0208_A2_F05_T7C	
26266	ZM_0208_A2_F05		ZM_0208_A2_F05_MR
26267	ZM_0208_A2_F06	ZM_0208_A2_F06_T7C	
26268	ZM_0208_A2_F07	ZM_0208_A2_F07_T7C	
26269	ZM_0208_A2_F07		ZM_0208_A2_F07_MR
26270	ZM_0208_A2_F08	ZM_0208_A2_F08_T7C	
26271	ZM_0208_A2_F08		ZM_0208_A2_F08_MR
26272	ZM_0208_A2_F09	ZM_0208_A2_F09_T7C	
26273	ZM_0208_A2_F10	ZM_0208_A2_F10_T7C	
26274	ZM_0208_A2_F11	ZM_0208_A2_F11_T7C	
26275	ZM_0208_A2_F11		ZM_0208_A2_F11_MR
26276	ZM_0208_A2_F12	ZM_0208_A2_F12_T7C	
26277	ZM_0208_A2_F12		ZM_0208_A2_F12_MR
26278	ZM_0208_A2_G01	ZM_0208_A2_G01_T7C	
26279	ZM_0208_A2_G01		ZM_0208_A2_G01_MR
26280	ZM_0208_A2_G02	ZM_0208_A2_G02_T7C	
26281	ZM_0208_A2_G02		ZM_0208_A2_G02_MR
26282	ZM_0208_A2_G03	ZM_0208_A2_G03_T7C	
26283	ZM_0208_A2_G03		ZM_0208_A2_G03_MR
26284	ZM_0208_A2_G04	ZM_0208_A2_G04_T7C	
26285	ZM_0208_A2_G04		ZM_0208_A2_G04_MR
26286	ZM_0208_A2_G05		ZM_0208_A2_G05_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26287	ZM_0208_A2_G07	ZM_0208_A2_G07_T7C	
26288	ZM_0208_A2_G07		ZM_0208_A2_G07_MR
26289	ZM_0208_A2_G08	ZM_0208_A2_G08_T7C	
26290	ZM_0208_A2_G08		ZM_0208_A2_G08_MR
26291	ZM_0208_A2_G09	ZM_0208_A2_G09_T7C	
26292	ZM_0208_A2_G09		ZM_0208_A2_G09_MR
26293	ZM_0208_A2_G10	ZM_0208_A2_G10_T7C	
26294	ZM_0208_A2_G12	ZM_0208_A2_G12_T7C	
26295	ZM_0208_A2_G12		ZM_0208_A2_G12_MR
26296	ZM_0208_A2_H01	ZM_0208_A2_H01_T7C	
26297	ZM_0208_A2_H02	ZM_0208_A2_H02_T7C	
26298	ZM_0208_A2_H03	ZM_0208_A2_H03_T7C	
26299	ZM_0208_A2_H04	ZM_0208_A2_H04_T7C	
26300	ZM_0208_A2_H05	ZM_0208_A2_H05_T7C	
26301	ZM_0208_A2_H06	ZM_0208_A2_H06_T7C	
26302	ZM_0208_A2_H07	ZM_0208_A2_H07_T7C	
26303	ZM_0208_A2_H08	ZM_0208_A2_H08_T7C	
26304	ZM_0208_A2_H09	ZM_0208_A2_H09_T7C	
26305	ZM_0208_A2_H10	ZM_0208_A2_H10_T7C	
26306	ZM_0208_A2_H12	ZM_0208_A2_H12_T7C	
26307	ZM_0208_B1_A02	ZM_0208_B1_A02_MF	
26308	ZM_0208_B1_A03	ZM_0208_B1_A03_MF	
26309	ZM_0208_B1_A04	ZM_0208_B1_A04_MF	
26310	ZM_0208_B1_A05	ZM_0208_B1_A05_MF	
26311	ZM_0208_B1_A06	ZM_0208_B1_A06_MF	
26312	ZM_0208_B1_A08	ZM_0208_B1_A08_MF	
26313	ZM_0208_B1_A09	ZM_0208_B1_A09_MF	
26314	ZM_0208_B1_A10	ZM_0208_B1_A10_MF	
26315	ZM_0208_B1_A11	ZM_0208_B1_A11_MF	
26316	ZM_0208_B1_A12	ZM_0208_B1_A12_MF	
26317	ZM_0208_B1_B03	ZM_0208_B1_B03_MF	
26318	ZM_0208_B1_B05	ZM_0208_B1_B05_MF	
26319	ZM_0208_B1_C01	ZM_0208_B1_C01_MF	
26320	ZM_0208_B1_C02	ZM_0208_B1_C02_MF	
26321	ZM_0208_B1_C03	ZM_0208_B1_C03_MF	
26322	ZM_0208_B1_C04	ZM_0208_B1_C04_MF	
26323	ZM_0208_B1_C05	ZM_0208_B1_C05_MF	
26324	ZM_0208_B1_C06	ZM_0208_B1_C06_MF	
26325	ZM_0208_B1_C07	ZM_0208_B1_C07_MF	
26326	ZM_0208_B1_C08	ZM_0208_B1_C08_MF	
26327	ZM_0208_B1_C09	ZM_0208_B1_C09_MF	
26328	ZM_0208_B1_C10	ZM_0208_B1_C10_MF	
26329	ZM_0208_B1_C11	ZM_0208_B1_C11_MF	
26330	ZM_0208_B1_C12	ZM_0208_B1_C12_MF	
26331	ZM_0208_B1_D01	ZM_0208_B1_D01_MF	
26332	ZM_0208_B1_D02	ZM_0208_B1_D02_MF	
26333	ZM_0208_B1_D03	ZM_0208_B1_D03_MF	
26334	ZM_0208_B1_D04	ZM_0208_B1_D04_MF	
26335	ZM_0208_B1_D05	ZM_0208_B1_D05_MF	
26336	ZM_0208_B1_D06	ZM_0208_B1_D06_MF	
26337	ZM_0208_B1_D07	ZM_0208_B1_D07_MF	
26338	ZM_0208_B1_D08	ZM_0208_B1_D08_MF	
26339	ZM_0208_B1_D10	ZM_0208_B1_D10_MF	
26340	ZM_0208_B1_D11	ZM_0208_B1_D11_MF	
26341	ZM_0208_B1_E01	ZM_0208_B1_E01_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26342	ZM_0208_B1_E02	ZM_0208_B1_E02_MF	
26343	ZM_0208_B1_E03	ZM_0208_B1_E03_MF	
26344	ZM_0208_B1_E04	ZM_0208_B1_E04_MF	
26345	ZM_0208_B1_E05	ZM_0208_B1_E05_MF	
26346	ZM_0208_B1_E06	ZM_0208_B1_E06_MF	
26347	ZM_0208_B1_E07	ZM_0208_B1_E07_MF	
26348	ZM_0208_B1_E08	ZM_0208_B1_E08_MF	
26349	ZM_0208_B1_E09	ZM_0208_B1_E09_MF	
26350	ZM_0208_B1_F03	ZM_0208_B1_F03_MF	
26351	ZM_0208_B1_F04	ZM_0208_B1_F04_MF	
26352	ZM_0208_B1_F05	ZM_0208_B1_F05_MF	
26353	ZM_0208_B1_F06	ZM_0208_B1_F06_MF	
26354	ZM_0208_B1_F09	ZM_0208_B1_F09_MF	
26355	ZM_0208_B1_F10	ZM_0208_B1_F10_MF	
26356	ZM_0208_B1_F11	ZM_0208_B1_F11_MF	
26357	ZM_0208_B1_G01	ZM_0208_B1_G01_MF	
26358	ZM_0208_B1_G02	ZM_0208_B1_G02_MF	
26359	ZM_0208_B1_G03	ZM_0208_B1_G03_MF	
26360	ZM_0208_B1_G04	ZM_0208_B1_G04_MF	
26361	ZM_0208_B1_G05	ZM_0208_B1_G05_MF	
26362	ZM_0208_B1_G06	ZM_0208_B1_G06_MF	
26363	ZM_0208_B1_G07	ZM_0208_B1_G07_MF	
26364	ZM_0208_B1_G08	ZM_0208_B1_G08_MF	
26365	ZM_0208_B1_G09	ZM_0208_B1_G09_MF	
26366	ZM_0208_B1_G10	ZM_0208_B1_G10_MF	
26367	ZM_0208_B1_G11	ZM_0208_B1_G11_MF	
26368	ZM_0208_B1_G12	ZM_0208_B1_G12_MF	
26369	ZM_0208_B1_H02	ZM_0208_B1_H02_MF	
26370	ZM_0208_B1_H03	ZM_0208_B1_H03_MF	
26371	ZM_0208_B1_H04	ZM_0208_B1_H04_MF	
26372	ZM_0208_B1_H05	ZM_0208_B1_H05_MF	
26373	ZM_0208_B1_H06	ZM_0208_B1_H06_MF	
26374	ZM_0208_B1_H07	ZM_0208_B1_H07_MF	
26375	ZM_0208_B1_H08	ZM_0208_B1_H08_MF	
26376	ZM_0208_B1_H09	ZM_0208_B1_H09_MF	
26377	ZM_0208_B1_H10	ZM_0208_B1_H10_MF	
26378	ZM_0208_B1_H11	ZM_0208_B1_H11_MF	
26379	ZM_0208_B1_H12	ZM_0208_B1_H12_MF	
26380	ZM_0209_A2_A01	ZM_0209_A2_A01_T7C	
26381	ZM_0209_A2_A01		ZM_0209_A2_A01_MR
26382	ZM_0209_A2_A02	ZM_0209_A2_A02_T7C	
26383	ZM_0209_A2_A02		ZM_0209_A2_A02_MR
26384	ZM_0209_A2_A03	ZM_0209_A2_A03_T7C	
26385	ZM_0209_A2_A03		ZM_0209_A2_A03_MR
26386	ZM_0209_A2_A04	ZM_0209_A2_A04_T7C	
26387	ZM_0209_A2_A05	ZM_0209_A2_A05_T7C	
26388	ZM_0209_A2_A05		ZM_0209_A2_A05_MR
26389	ZM_0209_A2_A06	ZM_0209_A2_A06_T7C	
26390	ZM_0209_A2_A07	ZM_0209_A2_A07_T7C	
26391	ZM_0209_A2_A07		ZM_0209_A2_A07_MR
26392	ZM_0209_A2_A08	ZM_0209_A2_A08_T7C	
26393	ZM_0209_A2_A08		ZM_0209_A2_A08_MR
26394	ZM_0209_A2_A09	ZM_0209_A2_A09_T7C	
26395	ZM_0209_A2_A09		ZM_0209_A2_A09_MR
26396	ZM_0209_A2_A10	ZM_0209_A2_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26397	ZM_0209_A2_A10		ZM_0209_A2_A10_MR
26398	ZM_0209_A2_A11	ZM_0209_A2_A11_T7C	
26399	ZM_0209_A2_A11		ZM_0209_A2_A11_MR
26400	ZM_0209_A2_A12	ZM_0209_A2_A12_T7C	
26401	ZM_0209_A2_A12		ZM_0209_A2_A12_MR
26402	ZM_0209_A2_B01	ZM_0209_A2_B01_T7C	
26403	ZM_0209_A2_B01		ZM_0209_A2_B01_MR
26404	ZM_0209_A2_B02	ZM_0209_A2_B02_T7C	
26405	ZM_0209_A2_B02		ZM_0209_A2_B02_MR
26406	ZM_0209_A2_B03	ZM_0209_A2_B03_T7C	
26407	ZM_0209_A2_B03		ZM_0209_A2_B03_MR
26408	ZM_0209_A2_B04	ZM_0209_A2_B04_T7C	
26409	ZM_0209_A2_B04		ZM_0209_A2_B04_MR
26410	ZM_0209_A2_B05	ZM_0209_A2_B05_T7C	
26411	ZM_0209_A2_B05		ZM_0209_A2_B05_MR
26412	ZM_0209_A2_B06	ZM_0209_A2_B06_T7C	
26413	ZM_0209_A2_B06		ZM_0209_A2_B06_MR
26414	ZM_0209_A2_B07	ZM_0209_A2_B07_T7C	
26415	ZM_0209_A2_B07		ZM_0209_A2_B07_MR
26416	ZM_0209_A2_B08	ZM_0209_A2_B08_T7C	
26417	ZM_0209_A2_B08		ZM_0209_A2_B08_MR
26418	ZM_0209_A2_B09	ZM_0209_A2_B09_T7C	
26419	ZM_0209_A2_B09		ZM_0209_A2_B09_MR
26420	ZM_0209_A2_B10	ZM_0209_A2_B10_T7C	
26421	ZM_0209_A2_B10		ZM_0209_A2_B10_MR
26422	ZM_0209_A2_B11	ZM_0209_A2_B11_T7C	
26423	ZM_0209_A2_B11		ZM_0209_A2_B11_MR
26424	ZM_0209_A2_B12	ZM_0209_A2_B12_T7C	
26425	ZM_0209_A2_B12		ZM_0209_A2_B12_MR
26426	ZM_0209_A2_C02	ZM_0209_A2_C02_T7C	
26427	ZM_0209_A2_C02		ZM_0209_A2_C02_MR
26428	ZM_0209_A2_C03	ZM_0209_A2_C03_T7C	
26429	ZM_0209_A2_C03		ZM_0209_A2_C03_MR
26430	ZM_0209_A2_C04	ZM_0209_A2_C04_T7C	
26431	ZM_0209_A2_C04		ZM_0209_A2_C04_MR
26432	ZM_0209_A2_C05	ZM_0209_A2_C05_T7C	
26433	ZM_0209_A2_C05		ZM_0209_A2_C05_MR
26434	ZM_0209_A2_C06	ZM_0209_A2_C06_T7C	
26435	ZM_0209_A2_C07	ZM_0209_A2_C07_T7C	
26436	ZM_0209_A2_C07		ZM_0209_A2_C07_MR
26437	ZM_0209_A2_C08	ZM_0209_A2_C08_T7C	
26438	ZM_0209_A2_C08		ZM_0209_A2_C08_MR
26439	ZM_0209_A2_C09	ZM_0209_A2_C09_T7C	
26440	ZM_0209_A2_C09		ZM_0209_A2_C09_MR
26441	ZM_0209_A2_C12	ZM_0209_A2_C12_T7C	
26442	ZM_0209_A2_C12		ZM_0209_A2_C12_MR
26443	ZM_0209_A2_D01	ZM_0209_A2_D01_T7C	
26444	ZM_0209_A2_D01		ZM_0209_A2_D01_MR
26445	ZM_0209_A2_D02	ZM_0209_A2_D02_T7C	
26446	ZM_0209_A2_D02		ZM_0209_A2_D02_MR
26447	ZM_0209_A2_D03	ZM_0209_A2_D03_T7C	
26448	ZM_0209_A2_D03		ZM_0209_A2_D03_MR
26449	ZM_0209_A2_D04	ZM_0209_A2_D04_T7C	
26450	ZM_0209_A2_D04		ZM_0209_A2_D04_MR
26451	ZM_0209_A2_D05	ZM_0209_A2_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26452	ZM_0209_A2_D05		ZM_0209_A2_D05_MR
26453	ZM_0209_A2_D06	ZM_0209_A2_D06_T7C	
26454	ZM_0209_A2_D06		ZM_0209_A2_D06_MR
26455	ZM_0209_A2_D07	ZM_0209_A2_D07_T7C	
26456	ZM_0209_A2_D07		ZM_0209_A2_D07_MR
26457	ZM_0209_A2_D08	ZM_0209_A2_D08_T7C	
26458	ZM_0209_A2_D08		ZM_0209_A2_D08_MR
26459	ZM_0209_A2_D09	ZM_0209_A2_D09_T7C	
26460	ZM_0209_A2_D09		ZM_0209_A2_D09_MR
26461	ZM_0209_A2_D10	ZM_0209_A2_D10_T7C	
26462	ZM_0209_A2_D10		ZM_0209_A2_D10_MR
26463	ZM_0209_A2_D11	ZM_0209_A2_D11_T7C	
26464	ZM_0209_A2_D11		ZM_0209_A2_D11_MR
26465	ZM_0209_A2_D12	ZM_0209_A2_D12_T7C	
26466	ZM_0209_A2_D12		ZM_0209_A2_D12_MR
26467	ZM_0209_A2_E01	ZM_0209_A2_E01_T7C	
26468	ZM_0209_A2_E01		ZM_0209_A2_E01_MR
26469	ZM_0209_A2_E02	ZM_0209_A2_E02_T7C	
26470	ZM_0209_A2_E02		ZM_0209_A2_E02_MR
26471	ZM_0209_A2_E03	ZM_0209_A2_E03_T7C	
26472	ZM_0209_A2_E03		ZM_0209_A2_E03_MR
26473	ZM_0209_A2_E04	ZM_0209_A2_E04_T7C	
26474	ZM_0209_A2_E04		ZM_0209_A2_E04_MR
26475	ZM_0209_A2_E05	ZM_0209_A2_E05_T7C	
26476	ZM_0209_A2_E05		ZM_0209_A2_E05_MR
26477	ZM_0209_A2_E06	ZM_0209_A2_E06_T7C	
26478	ZM_0209_A2_E06		ZM_0209_A2_E06_MR
26479	ZM_0209_A2_E07	ZM_0209_A2_E07_T7C	
26480	ZM_0209_A2_E07		ZM_0209_A2_E07_MR
26481	ZM_0209_A2_E08	ZM_0209_A2_E08_T7C	
26482	ZM_0209_A2_E08		ZM_0209_A2_E08_MR
26483	ZM_0209_A2_E09	ZM_0209_A2_E09_T7C	
26484	ZM_0209_A2_E09		ZM_0209_A2_E09_MR
26485	ZM_0209_A2_E10	ZM_0209_A2_E10_T7C	
26486	ZM_0209_A2_E10		ZM_0209_A2_E10_MR
26487	ZM_0209_A2_E11	ZM_0209_A2_E11_T7C	
26488	ZM_0209_A2_E11		ZM_0209_A2_E11_MR
26489	ZM_0209_A2_E12	ZM_0209_A2_E12_T7C	
26490	ZM_0209_A2_E12		ZM_0209_A2_E12_MR
26491	ZM_0209_A2_F01	ZM_0209_A2_F01_T7C	
26492	ZM_0209_A2_F01		ZM_0209_A2_F01_MR
26493	ZM_0209_A2_F02	ZM_0209_A2_F02_T7C	
26494	ZM_0209_A2_F02		ZM_0209_A2_F02_MR
26495	ZM_0209_A2_F04	ZM_0209_A2_F04_T7C	
26496	ZM_0209_A2_F04		ZM_0209_A2_F04_MR
26497	ZM_0209_A2_F05	ZM_0209_A2_F05_T7C	
26498	ZM_0209_A2_F05		ZM_0209_A2_F05_MR
26499	ZM_0209_A2_F06	ZM_0209_A2_F06_T7C	
26500	ZM_0209_A2_F06		ZM_0209_A2_F06_MR
26501	ZM_0209_A2_F07	ZM_0209_A2_F07_T7C	
26502	ZM_0209_A2_F07		ZM_0209_A2_F07_MR
26503	ZM_0209_A2_F08	ZM_0209_A2_F08_T7C	
26504	ZM_0209_A2_F08		ZM_0209_A2_F08_MR
26505	ZM_0209_A2_F09	ZM_0209_A2_F09_T7C	
26506	ZM_0209_A2_F09		ZM_0209_A2_F09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26507	ZM_0209_A2_F10	ZM_0209_A2_F10_T7C	ZM_0209_A2_F10_MR
26508	ZM_0209_A2_F10		
26509	ZM_0209_A2_F11	ZM_0209_A2_F11_T7C	ZM_0209_A2_F11_MR
26510	ZM_0209_A2_F11		
26511	ZM_0209_A2_F12	ZM_0209_A2_F12_T7C	ZM_0209_A2_F12_MR
26512	ZM_0209_A2_F12		
26513	ZM_0209_A2_G01	ZM_0209_A2_G01_T7C	ZM_0209_A2_G01_MR
26514	ZM_0209_A2_G01		
26515	ZM_0209_A2_G02	ZM_0209_A2_G02_T7C	ZM_0209_A2_G02_MR
26516	ZM_0209_A2_G02		
26517	ZM_0209_A2_G03	ZM_0209_A2_G03_T7C	ZM_0209_A2_G03_MR
26518	ZM_0209_A2_G03		
26519	ZM_0209_A2_G04	ZM_0209_A2_G04_T7C	ZM_0209_A2_G04_MR
26520	ZM_0209_A2_G04		
26521	ZM_0209_A2_G05	ZM_0209_A2_G05_T7C	ZM_0209_A2_G05_MR
26522	ZM_0209_A2_G05		
26523	ZM_0209_A2_G06	ZM_0209_A2_G06_T7C	ZM_0209_A2_G06_MR
26524	ZM_0209_A2_G06		
26525	ZM_0209_A2_G07	ZM_0209_A2_G07_T7C	ZM_0209_A2_G07_MR
26526	ZM_0209_A2_G07		
26527	ZM_0209_A2_G08	ZM_0209_A2_G08_T7C	ZM_0209_A2_G08_MR
26528	ZM_0209_A2_G08		
26529	ZM_0209_A2_G09	ZM_0209_A2_G09_T7C	ZM_0209_A2_G09_MR
26530	ZM_0209_A2_G09		
26531	ZM_0209_A2_G10	ZM_0209_A2_G10_T7C	ZM_0209_A2_G10_MR
26532	ZM_0209_A2_G10		
26533	ZM_0209_A2_G11	ZM_0209_A2_G11_T7C	ZM_0209_A2_G11_MR
26534	ZM_0209_A2_G11		
26535	ZM_0209_A2_G12	ZM_0209_A2_G12_T7C	ZM_0209_A2_G12_MR
26536	ZM_0209_A2_G12		
26537	ZM_0209_A2_H01	ZM_0209_A2_H01_T7C	ZM_0209_A2_H01_MR
26538	ZM_0209_A2_H01		
26539	ZM_0209_A2_H02	ZM_0209_A2_H02_T7C	ZM_0209_A2_H02_MR
26540	ZM_0209_A2_H02		
26541	ZM_0209_A2_H03	ZM_0209_A2_H03_T7C	ZM_0209_A2_H03_MR
26542	ZM_0209_A2_H03		
26543	ZM_0209_A2_H04	ZM_0209_A2_H04_T7C	ZM_0209_A2_H04_MR
26544	ZM_0209_A2_H04		
26545	ZM_0209_A2_H05	ZM_0209_A2_H05_T7C	ZM_0209_A2_H05_MR
26546	ZM_0209_A2_H05		
26547	ZM_0209_A2_H06	ZM_0209_A2_H06_T7C	ZM_0209_A2_H06_MR
26548	ZM_0209_A2_H06		
26549	ZM_0209_A2_H07	ZM_0209_A2_H07_T7C	ZM_0209_A2_H07_MR
26550	ZM_0209_A2_H07		
26551	ZM_0209_A2_H08	ZM_0209_A2_H08_T7C	ZM_0209_A2_H08_MR
26552	ZM_0209_A2_H08		
26553	ZM_0209_A2_H09	ZM_0209_A2_H09_T7C	ZM_0209_A2_H09_MR
26554	ZM_0209_A2_H09		
26555	ZM_0209_A2_H10	ZM_0209_A2_H10_T7C	ZM_0209_A2_H10_MR
26556	ZM_0209_A2_H10		
26557	ZM_0209_A2_H11	ZM_0209_A2_H11_T7C	ZM_0209_A2_H11_MR
26558	ZM_0209_A2_H11		
26559	ZM_0209_A2_H12	ZM_0209_A2_H12_T7C	ZM_0209_A2_H12_MR
26560	ZM_0209_A2_H12		
26561	ZM_0209_B1_A01	ZM_0209_B1_A01_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26562	ZM_0209_B1_A02	ZM_0209_B1_A02_MF	
26563	ZM_0209_B1_A03	ZM_0209_B1_A03_MF	
26564	ZM_0209_B1_A04	ZM_0209_B1_A04_MF	
26565	ZM_0209_B1_A05	ZM_0209_B1_A05_MF	
26566	ZM_0209_B1_A06	ZM_0209_B1_A06_MF	
26567	ZM_0209_B1_A07	ZM_0209_B1_A07_MF	
26568	ZM_0209_B1_A08	ZM_0209_B1_A08_MF	
26569	ZM_0209_B1_A09	ZM_0209_B1_A09_MF	
26570	ZM_0209_B1_A10	ZM_0209_B1_A10_MF	
26571	ZM_0209_B1_A11	ZM_0209_B1_A11_MF	
26572	ZM_0209_B1_B01	ZM_0209_B1_B01_MF	
26573	ZM_0209_B1_B02	ZM_0209_B1_B02_MF	
26574	ZM_0209_B1_B03	ZM_0209_B1_B03_MF	
26575	ZM_0209_B1_B04	ZM_0209_B1_B04_MF	
26576	ZM_0209_B1_B05	ZM_0209_B1_B05_MF	
26577	ZM_0209_B1_B06	ZM_0209_B1_B06_MF	
26578	ZM_0209_B1_B07	ZM_0209_B1_B07_MF	
26579	ZM_0209_B1_B08	ZM_0209_B1_B08_MF	
26580	ZM_0209_B1_B09	ZM_0209_B1_B09_MF	
26581	ZM_0209_B1_B10	ZM_0209_B1_B10_MF	
26582	ZM_0209_B1_B11	ZM_0209_B1_B11_MF	
26583	ZM_0209_B1_B12	ZM_0209_B1_B12_MF	
26584	ZM_0209_B1_C01	ZM_0209_B1_C01_MF	
26585	ZM_0209_B1_C02	ZM_0209_B1_C02_MF	
26586	ZM_0209_B1_C03	ZM_0209_B1_C03_MF	
26587	ZM_0209_B1_C05	ZM_0209_B1_C05_MF	
26588	ZM_0209_B1_C06	ZM_0209_B1_C06_MF	
26589	ZM_0209_B1_C07	ZM_0209_B1_C07_MF	
26590	ZM_0209_B1_C08	ZM_0209_B1_C08_MF	
26591	ZM_0209_B1_C09	ZM_0209_B1_C09_MF	
26592	ZM_0209_B1_C10	ZM_0209_B1_C10_MF	
26593	ZM_0209_B1_C11	ZM_0209_B1_C11_MF	
26594	ZM_0209_B1_C12	ZM_0209_B1_C12_MF	
26595	ZM_0209_B1_D01	ZM_0209_B1_D01_MF	
26596	ZM_0209_B1_D02	ZM_0209_B1_D02_MF	
26597	ZM_0209_B1_D03	ZM_0209_B1_D03_MF	
26598	ZM_0209_B1_D04	ZM_0209_B1_D04_MF	
26599	ZM_0209_B1_D05	ZM_0209_B1_D05_MF	
26600	ZM_0209_B1_D07	ZM_0209_B1_D07_MF	
26601	ZM_0209_B1_D10	ZM_0209_B1_D10_MF	
26602	ZM_0209_B1_D11	ZM_0209_B1_D11_MF	
26603	ZM_0209_B1_D12	ZM_0209_B1_D12_MF	
26604	ZM_0209_B1_E01	ZM_0209_B1_E01_MF	
26605	ZM_0209_B1_E03	ZM_0209_B1_E03_MF	
26606	ZM_0209_B1_E05	ZM_0209_B1_E05_MF	
26607	ZM_0209_B1_E06	ZM_0209_B1_E06_MF	
26608	ZM_0209_B1_E07	ZM_0209_B1_E07_MF	
26609	ZM_0209_B1_E08	ZM_0209_B1_E08_MF	
26610	ZM_0209_B1_E09	ZM_0209_B1_E09_MF	
26611	ZM_0209_B1_E10	ZM_0209_B1_E10_MF	
26612	ZM_0209_B1_E11	ZM_0209_B1_E11_MF	
26613	ZM_0209_B1_E12	ZM_0209_B1_E12_MF	
26614	ZM_0209_B1_F01	ZM_0209_B1_F01_MF	
26615	ZM_0209_B1_F02	ZM_0209_B1_F02_MF	
26616	ZM_0209_B1_F03	ZM_0209_B1_F03_MF	

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SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26617	ZM_0209_B1_F04	ZM_0209_B1_F04_MF	
26618	ZM_0209_B1_F05	ZM_0209_B1_F05_MF	
26619	ZM_0209_B1_F06	ZM_0209_B1_F06_MF	
26620	ZM_0209_B1_F07	ZM_0209_B1_F07_MF	
26621	ZM_0209_B1_F08	ZM_0209_B1_F08_MF	
26622	ZM_0209_B1_F09	ZM_0209_B1_F09_MF	
26623	ZM_0209_B1_F10	ZM_0209_B1_F10_MF	
26624	ZM_0209_B1_F11	ZM_0209_B1_F11_MF	
26625	ZM_0209_B1_F12	ZM_0209_B1_F12_MF	
26626	ZM_0209_B1_G01	ZM_0209_B1_G01_MF	
26627	ZM_0209_B1_G02	ZM_0209_B1_G02_MF	
26628	ZM_0209_B1_G03	ZM_0209_B1_G03_MF	
26629	ZM_0209_B1_G04	ZM_0209_B1_G04_MF	
26630	ZM_0209_B1_G05	ZM_0209_B1_G05_MF	
26631	ZM_0209_B1_G06	ZM_0209_B1_G06_MF	
26632	ZM_0209_B1_G07	ZM_0209_B1_G07_MF	
26633	ZM_0209_B1_G08	ZM_0209_B1_G08_MF	
26634	ZM_0209_B1_G09	ZM_0209_B1_G09_MF	
26635	ZM_0209_B1_G10	ZM_0209_B1_G10_MF	
26636	ZM_0209_B1_G11	ZM_0209_B1_G11_MF	
26637	ZM_0209_B1_G12	ZM_0209_B1_G12_MF	
26638	ZM_0209_B1_H01	ZM_0209_B1_H01_MF	
26639	ZM_0209_B1_H02	ZM_0209_B1_H02_MF	
26640	ZM_0209_B1_H03	ZM_0209_B1_H03_MF	
26641	ZM_0209_B1_H04	ZM_0209_B1_H04_MF	
26642	ZM_0209_B1_H05	ZM_0209_B1_H05_MF	
26643	ZM_0209_B1_H06	ZM_0209_B1_H06_MF	
26644	ZM_0209_B1_H07	ZM_0209_B1_H07_MF	
26645	ZM_0209_B1_H08	ZM_0209_B1_H08_MF	
26646	ZM_0209_B1_H09	ZM_0209_B1_H09_MF	
26647	ZM_0209_B1_H10	ZM_0209_B1_H10_MF	
26648	ZM_0209_B1_H11	ZM_0209_B1_H11_MF	
26649	ZM_0209_B1_H12	ZM_0209_B1_H12_MF	
26650	ZM_0209_B2_A01	ZM_0209_B2_A01_MF	
26651	ZM_0209_B2_A01		ZM_0209_B2_A01_MR
26652	ZM_0209_B2_A02	ZM_0209_B2_A02_MF	
26653	ZM_0209_B2_A02		ZM_0209_B2_A02_MR
26654	ZM_0209_B2_A03	ZM_0209_B2_A03_MF	
26655	ZM_0209_B2_A03		ZM_0209_B2_A03_MR
26656	ZM_0209_B2_A04	ZM_0209_B2_A04_MF	
26657	ZM_0209_B2_A04		ZM_0209_B2_A04_MR
26658	ZM_0209_B2_A05	ZM_0209_B2_A05_MF	
26659	ZM_0209_B2_A06	ZM_0209_B2_A06_MF	
26660	ZM_0209_B2_A06		ZM_0209_B2_A06_MR
26661	ZM_0209_B2_A08		ZM_0209_B2_A08_MR
26662	ZM_0209_B2_A09	ZM_0209_B2_A09_MF	
26663	ZM_0209_B2_A09		ZM_0209_B2_A09_MR
26664	ZM_0209_B2_A10	ZM_0209_B2_A10_MF	
26665	ZM_0209_B2_A10		ZM_0209_B2_A10_MR
26666	ZM_0209_B2_A11		ZM_0209_B2_A11_MR
26667	ZM_0209_B2_A12	ZM_0209_B2_A12_MF	
26668	ZM_0209_B2_A12		ZM_0209_B2_A12_MR
26669	ZM_0209_B2_B01		ZM_0209_B2_B01_MR
26670	ZM_0209_B2_B02		ZM_0209_B2_B02_MR
26671	ZM_0209_B2_B03	ZM_0209_B2_B03_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26672	ZM_0209_B2_B03		ZM_0209_B2_B03_MR
26673	ZM_0209_B2_B04		ZM_0209_B2_B04_MR
26674	ZM_0209_B2_B05	ZM_0209_B2_B05_MF	
26675	ZM_0209_B2_B05		ZM_0209_B2_B05_MR
26676	ZM_0209_B2_B06		ZM_0209_B2_B06_MR
26677	ZM_0209_B2_B07		ZM_0209_B2_B07_MR
26678	ZM_0209_B2_B08	ZM_0209_B2_B08_MF	
26679	ZM_0209_B2_B08		ZM_0209_B2_B08_MR
26680	ZM_0209_B2_B09	ZM_0209_B2_B09_MF	
26681	ZM_0209_B2_B09		ZM_0209_B2_B09_MR
26682	ZM_0209_B2_B10	ZM_0209_B2_B10_MF	
26683	ZM_0209_B2_B10		ZM_0209_B2_B10_MR
26684	ZM_0209_B2_B11		ZM_0209_B2_B11_MR
26685	ZM_0209_B2_B12	ZM_0209_B2_B12_MF	
26686	ZM_0209_B2_C01	ZM_0209_B2_C01_MF	
26687	ZM_0209_B2_C01		ZM_0209_B2_C01_MR
26688	ZM_0209_B2_C02	ZM_0209_B2_C02_MF	
26689	ZM_0209_B2_C03	ZM_0209_B2_C03_MF	
26690	ZM_0209_B2_C03		ZM_0209_B2_C03_MR
26691	ZM_0209_B2_C04	ZM_0209_B2_C04_MF	
26692	ZM_0209_B2_C04		ZM_0209_B2_C04_MR
26693	ZM_0209_B2_C06	ZM_0209_B2_C06_MF	
26694	ZM_0209_B2_C06		ZM_0209_B2_C06_MR
26695	ZM_0209_B2_C07	ZM_0209_B2_C07_MF	
26696	ZM_0209_B2_C07		ZM_0209_B2_C07_MR
26697	ZM_0209_B2_C08	ZM_0209_B2_C08_MF	
26698	ZM_0209_B2_C08		ZM_0209_B2_C08_MR
26699	ZM_0209_B2_C09	ZM_0209_B2_C09_MF	
26700	ZM_0209_B2_C09		ZM_0209_B2_C09_MR
26701	ZM_0209_B2_C10	ZM_0209_B2_C10_MF	
26702	ZM_0209_B2_C10		ZM_0209_B2_C10_MR
26703	ZM_0209_B2_C11	ZM_0209_B2_C11_MF	
26704	ZM_0209_B2_C11		ZM_0209_B2_C11_MR
26705	ZM_0209_B2_C12	ZM_0209_B2_C12_MF	
26706	ZM_0209_B2_C12		ZM_0209_B2_C12_MR
26707	ZM_0209_B2_D01	ZM_0209_B2_D01_MF	
26708	ZM_0209_B2_D01		ZM_0209_B2_D01_MR
26709	ZM_0209_B2_D02	ZM_0209_B2_D02_MF	
26710	ZM_0209_B2_D03	ZM_0209_B2_D03_MF	
26711	ZM_0209_B2_D03		ZM_0209_B2_D03_MR
26712	ZM_0209_B2_D04	ZM_0209_B2_D04_MF	
26713	ZM_0209_B2_D04		ZM_0209_B2_D04_MR
26714	ZM_0209_B2_D05	ZM_0209_B2_D05_MF	
26715	ZM_0209_B2_D05		ZM_0209_B2_D05_MR
26716	ZM_0209_B2_D06		ZM_0209_B2_D06_MR
26717	ZM_0209_B2_D07	ZM_0209_B2_D07_MF	
26718	ZM_0209_B2_D07		ZM_0209_B2_D07_MR
26719	ZM_0209_B2_D08		ZM_0209_B2_D08_MR
26720	ZM_0209_B2_D09	ZM_0209_B2_D09_MF	
26721	ZM_0209_B2_D10	ZM_0209_B2_D10_MF	
26722	ZM_0209_B2_D11	ZM_0209_B2_D11_MF	
26723	ZM_0209_B2_D11		ZM_0209_B2_D11_MR
26724	ZM_0209_B2_D12	ZM_0209_B2_D12_MF	
26725	ZM_0209_B2_D12		ZM_0209_B2_D12_MR
26726	ZM_0209_B2_E01	ZM_0209_B2_E01_MF	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26727	ZM_0209_B2_E01		ZM_0209_B2_E01_MR
26728	ZM_0209_B2_E02	ZM_0209_B2_E02_MF	
26729	ZM_0209_B2_E02		ZM_0209_B2_E02_MR
26730	ZM_0209_B2_E03	ZM_0209_B2_E03_MF	
26731	ZM_0209_B2_E03		ZM_0209_B2_E03_MR
26732	ZM_0209_B2_E04	ZM_0209_B2_E04_MF	
26733	ZM_0209_B2_E04		ZM_0209_B2_E04_MR
26734	ZM_0209_B2_E05	ZM_0209_B2_E05_MF	
26735	ZM_0209_B2_E05		ZM_0209_B2_E05_MR
26736	ZM_0209_B2_E07		ZM_0209_B2_E07_MR
26737	ZM_0209_B2_E08		ZM_0209_B2_E08_MR
26738	ZM_0209_B2_E09	ZM_0209_B2_E09_MF	
26739	ZM_0209_B2_E09		ZM_0209_B2_E09_MR
26740	ZM_0209_B2_E10	ZM_0209_B2_E10_MF	
26741	ZM_0209_B2_E11	ZM_0209_B2_E11_MF	
26742	ZM_0209_B2_E11		ZM_0209_B2_E11_MR
26743	ZM_0209_B2_E12	ZM_0209_B2_E12_MF	
26744	ZM_0209_B2_E12		ZM_0209_B2_E12_MR
26745	ZM_0209_B2_F01	ZM_0209_B2_F01_MF	
26746	ZM_0209_B2_F01		ZM_0209_B2_F01_MR
26747	ZM_0209_B2_F02	ZM_0209_B2_F02_MF	
26748	ZM_0209_B2_F02		ZM_0209_B2_F02_MR
26749	ZM_0209_B2_F03	ZM_0209_B2_F03_MF	
26750	ZM_0209_B2_F03		ZM_0209_B2_F03_MR
26751	ZM_0209_B2_F04	ZM_0209_B2_F04_MF	
26752	ZM_0209_B2_F04		ZM_0209_B2_F04_MR
26753	ZM_0209_B2_F05	ZM_0209_B2_F05_MF	
26754	ZM_0209_B2_F06	ZM_0209_B2_F06_MF	
26755	ZM_0209_B2_F06		ZM_0209_B2_F06_MR
26756	ZM_0209_B2_F07	ZM_0209_B2_F07_MF	
26757	ZM_0209_B2_F07		ZM_0209_B2_F07_MR
26758	ZM_0209_B2_F08	ZM_0209_B2_F08_MF	
26759	ZM_0209_B2_F08		ZM_0209_B2_F08_MR
26760	ZM_0209_B2_F10		ZM_0209_B2_F10_MR
26761	ZM_0209_B2_F11	ZM_0209_B2_F11_MF	
26762	ZM_0209_B2_F11		ZM_0209_B2_F11_MR
26763	ZM_0209_B2_G01	ZM_0209_B2_G01_MF	
26764	ZM_0209_B2_G01		ZM_0209_B2_G01_MR
26765	ZM_0209_B2_G02		ZM_0209_B2_G02_MR
26766	ZM_0209_B2_G03		ZM_0209_B2_G03_MR
26767	ZM_0209_B2_G04	ZM_0209_B2_G04_MF	
26768	ZM_0209_B2_G04		ZM_0209_B2_G04_MR
26769	ZM_0209_B2_G06	ZM_0209_B2_G06_MF	
26770	ZM_0209_B2_G06		ZM_0209_B2_G06_MR
26771	ZM_0209_B2_G07	ZM_0209_B2_G07_MF	
26772	ZM_0209_B2_G07		ZM_0209_B2_G07_MR
26773	ZM_0209_B2_G08	ZM_0209_B2_G08_MF	
26774	ZM_0209_B2_G09	ZM_0209_B2_G09_MF	
26775	ZM_0209_B2_G09		ZM_0209_B2_G09_MR
26776	ZM_0209_B2_G10	ZM_0209_B2_G10_MF	
26777	ZM_0209_B2_G10		ZM_0209_B2_G10_MR
26778	ZM_0209_B2_G11	ZM_0209_B2_G11_MF	
26779	ZM_0209_B2_G11		ZM_0209_B2_G11_MR
26780	ZM_0209_B2_G12	ZM_0209_B2_G12_MF	
26781	ZM_0209_B2_G12		ZM_0209_B2_G12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26782	ZM_0209_B2_H01	ZM_0209_B2_H01_MF	
26783	ZM_0209_B2_H01		ZM_0209_B2_H01_MR
26784	ZM_0209_B2_H02		ZM_0209_B2_H02_MR
26785	ZM_0209_B2_H03	ZM_0209_B2_H03_MF	
26786	ZM_0209_B2_H03		ZM_0209_B2_H03_MR
26787	ZM_0209_B2_H04	ZM_0209_B2_H04_MF	
26788	ZM_0209_B2_H04		ZM_0209_B2_H04_MR
26789	ZM_0209_B2_H05	ZM_0209_B2_H05_MF	
26790	ZM_0209_B2_H05		ZM_0209_B2_H05_MR
26791	ZM_0209_B2_H06	ZM_0209_B2_H06_MF	
26792	ZM_0209_B2_H06		ZM_0209_B2_H06_MR
26793	ZM_0209_B2_H07	ZM_0209_B2_H07_MF	
26794	ZM_0209_B2_H09	ZM_0209_B2_H09_MF	
26795	ZM_0209_B2_H09		ZM_0209_B2_H09_MR
26796	ZM_0209_B2_H10	ZM_0209_B2_H10_MF	
26797	ZM_0209_B2_H10		ZM_0209_B2_H10_MR
26798	ZM_0209_B2_H11	ZM_0209_B2_H11_MF	
26799	ZM_0209_B2_H11		ZM_0209_B2_H11_MR
26800	ZM_0209_B2_H12	ZM_0209_B2_H12_MF	
26801	ZM_0209_B2_H12		ZM_0209_B2_H12_MR
26802	ZM_020_A1_A01	ZM_020_A1_A01_T7C	
26803	ZM_020_A1_A01		ZM_020_A1_A01_MR
26804	ZM_020_A1_A02	ZM_020_A1_A02_T7C	
26805	ZM_020_A1_A03	ZM_020_A1_A03_T7C	
26806	ZM_020_A1_A03		ZM_020_A1_A03_MR
26807	ZM_020_A1_A04	ZM_020_A1_A04_T7C	
26808	ZM_020_A1_A05	ZM_020_A1_A05_T7C	
26809	ZM_020_A1_A06	ZM_020_A1_A06_T7C	
26810	ZM_020_A1_A06		ZM_020_A1_A06_MR
26811	ZM_020_A1_A07	ZM_020_A1_A07_T7C	
26812	ZM_020_A1_A07		ZM_020_A1_A07_MR
26813	ZM_020_A1_A08	ZM_020_A1_A08_T7C	
26814	ZM_020_A1_A08		ZM_020_A1_A08_MR
26815	ZM_020_A1_A09	ZM_020_A1_A09_T7C	
26816	ZM_020_A1_A09		ZM_020_A1_A09_MR
26817	ZM_020_A1_A10	ZM_020_A1_A10_T7C	
26818	ZM_020_A1_A10		ZM_020_A1_A10_MR
26819	ZM_020_A1_A11		ZM_020_A1_A11_MR
26820	ZM_020_A1_B02	ZM_020_A1_B02_T7C	
26821	ZM_020_A1_B02		ZM_020_A1_B02_MR
26822	ZM_020_A1_B03	ZM_020_A1_B03_T7C	
26823	ZM_020_A1_B06	ZM_020_A1_B06_T7C	
26824	ZM_020_A1_B07		ZM_020_A1_B07_MR
26825	ZM_020_A1_B08	ZM_020_A1_B08_T7C	
26826	ZM_020_A1_B08		ZM_020_A1_B08_MR
26827	ZM_020_A1_B09	ZM_020_A1_B09_T7C	
26828	ZM_020_A1_B09		ZM_020_A1_B09_MR
26829	ZM_020_A1_B10	ZM_020_A1_B10_T7C	
26830	ZM_020_A1_B10		ZM_020_A1_B10_MR
26831	ZM_020_A1_B11	ZM_020_A1_B11_T7C	
26832	ZM_020_A1_B11		ZM_020_A1_B11_MR
26833	ZM_020_A1_B12	ZM_020_A1_B12_T7C	
26834	ZM_020_A1_B12		ZM_020_A1_B12_MR
26835	ZM_020_A1_C01	ZM_020_A1_C01_T7C	
26836	ZM_020_A1_C01		ZM_020_A1_C01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26837	ZM_020_A1_C02		ZM_020_A1_C02_MR
26838	ZM_020_A1_C03	ZM_020_A1_C03_T7C	
26839	ZM_020_A1_C03		ZM_020_A1_C03_MR
26840	ZM_020_A1_C04	ZM_020_A1_C04_T7C	
26841	ZM_020_A1_C04		ZM_020_A1_C04_MR
26842	ZM_020_A1_C05	ZM_020_A1_C05_T7C	
26843	ZM_020_A1_C06	ZM_020_A1_C06_T7C	
26844	ZM_020_A1_C07	ZM_020_A1_C07_T7C	
26845	ZM_020_A1_C07		ZM_020_A1_C07_MR
26846	ZM_020_A1_C08	ZM_020_A1_C08_T7C	
26847	ZM_020_A1_C08		ZM_020_A1_C08_MR
26848	ZM_020_A1_C09	ZM_020_A1_C09_T7C	
26849	ZM_020_A1_C10	ZM_020_A1_C10_T7C	
26850	ZM_020_A1_C10		ZM_020_A1_C10_MR
26851	ZM_020_A1_C11	ZM_020_A1_C11_T7C	
26852	ZM_020_A1_C12	ZM_020_A1_C12_T7C	
26853	ZM_020_A1_C12		ZM_020_A1_C12_MR
26854	ZM_020_A1_D01	ZM_020_A1_D01_T7C	
26855	ZM_020_A1_D01		ZM_020_A1_D01_MR
26856	ZM_020_A1_D02	ZM_020_A1_D02_T7C	
26857	ZM_020_A1_D03	ZM_020_A1_D03_T7C	
26858	ZM_020_A1_D03		ZM_020_A1_D03_MR
26859	ZM_020_A1_D04	ZM_020_A1_D04_T7C	
26860	ZM_020_A1_D04		ZM_020_A1_D04_MR
26861	ZM_020_A1_D05	ZM_020_A1_D05_T7C	
26862	ZM_020_A1_D05		ZM_020_A1_D05_MR
26863	ZM_020_A1_D06	ZM_020_A1_D06_T7C	
26864	ZM_020_A1_D06		ZM_020_A1_D06_MR
26865	ZM_020_A1_D07	ZM_020_A1_D07_T7C	
26866	ZM_020_A1_D07		ZM_020_A1_D07_MR
26867	ZM_020_A1_D08	ZM_020_A1_D08_T7C	
26868	ZM_020_A1_D08		ZM_020_A1_D08_MR
26869	ZM_020_A1_D09	ZM_020_A1_D09_T7C	
26870	ZM_020_A1_D09		ZM_020_A1_D09_MR
26871	ZM_020_A1_D10	ZM_020_A1_D10_T7C	
26872	ZM_020_A1_D10		ZM_020_A1_D10_MR
26873	ZM_020_A1_D11	ZM_020_A1_D11_T7C	
26874	ZM_020_A1_D11		ZM_020_A1_D11_MR
26875	ZM_020_A1_D12		ZM_020_A1_D12_MR
26876	ZM_020_A1_E01	ZM_020_A1_E01_T7C	
26877	ZM_020_A1_E01		ZM_020_A1_E01_MR
26878	ZM_020_A1_E02	ZM_020_A1_E02_T7C	
26879	ZM_020_A1_E02		ZM_020_A1_E02_MR
26880	ZM_020_A1_E03		ZM_020_A1_E03_MR
26881	ZM_020_A1_E05	ZM_020_A1_E05_T7C	
26882	ZM_020_A1_E06		ZM_020_A1_E06_MR
26883	ZM_020_A1_E07		ZM_020_A1_E07_MR
26884	ZM_020_A1_E08	ZM_020_A1_E08_T7C	
26885	ZM_020_A1_E09	ZM_020_A1_E09_T7C	
26886	ZM_020_A1_E09		ZM_020_A1_E09_MR
26887	ZM_020_A1_E10		ZM_020_A1_E10_MR
26888	ZM_020_A1_E11	ZM_020_A1_E11_T7C	
26889	ZM_020_A1_F01		ZM_020_A1_F01_MR
26890	ZM_020_A1_F02		ZM_020_A1_F02_MR
26891	ZM_020_A1_F03	ZM_020_A1_F03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26892	ZM_020_A1_F04	ZM_020_A1_F04_T7C	
26893	ZM_020_A1_F04		ZM_020_A1_F04_MR
26894	ZM_020_A1_F05	ZM_020_A1_F05_T7C	
26895	ZM_020_A1_F05		ZM_020_A1_F05_MR
26896	ZM_020_A1_F06	ZM_020_A1_F06_T7C	
26897	ZM_020_A1_F07	ZM_020_A1_F07_T7C	
26898	ZM_020_A1_F07		ZM_020_A1_F07_MR
26899	ZM_020_A1_F08	ZM_020_A1_F08_T7C	
26900	ZM_020_A1_F09	ZM_020_A1_F09_T7C	
26901	ZM_020_A1_F10	ZM_020_A1_F10_T7C	
26902	ZM_020_A1_F10		ZM_020_A1_F10_MR
26903	ZM_020_A1_F11	ZM_020_A1_F11_T7C	
26904	ZM_020_A1_F12	ZM_020_A1_F12_T7C	
26905	ZM_020_A1_F12		ZM_020_A1_F12_MR
26906	ZM_020_A1_G01	ZM_020_A1_G01_T7C	
26907	ZM_020_A1_G02	ZM_020_A1_G02_T7C	
26908	ZM_020_A1_G02		ZM_020_A1_G02_MR
26909	ZM_020_A1_G03	ZM_020_A1_G03_T7C	
26910	ZM_020_A1_G03		ZM_020_A1_G03_MR
26911	ZM_020_A1_G04	ZM_020_A1_G04_T7C	
26912	ZM_020_A1_G04		ZM_020_A1_G04_MR
26913	ZM_020_A1_G05	ZM_020_A1_G05_T7C	
26914	ZM_020_A1_G07	ZM_020_A1_G07_T7C	
26915	ZM_020_A1_G07		ZM_020_A1_G07_MR
26916	ZM_020_A1_G08	ZM_020_A1_G08_T7C	
26917	ZM_020_A1_G08		ZM_020_A1_G08_MR
26918	ZM_020_A1_G09	ZM_020_A1_G09_T7C	
26919	ZM_020_A1_G09		ZM_020_A1_G09_MR
26920	ZM_020_A1_G11	ZM_020_A1_G11_T7C	
26921	ZM_020_A1_G12	ZM_020_A1_G12_T7C	
26922	ZM_020_A1_H01	ZM_020_A1_H01_T7C	
26923	ZM_020_A1_H01		ZM_020_A1_H01_MR
26924	ZM_020_A1_H02	ZM_020_A1_H02_T7C	
26925	ZM_020_A1_H02		ZM_020_A1_H02_MR
26926	ZM_020_A1_H03		ZM_020_A1_H03_MR
26927	ZM_020_A1_H04	ZM_020_A1_H04_T7C	
26928	ZM_020_A1_H04		ZM_020_A1_H04_MR
26929	ZM_020_A1_H05	ZM_020_A1_H05_T7C	
26930	ZM_020_A1_H07	ZM_020_A1_H07_T7C	
26931	ZM_020_A1_H07		ZM_020_A1_H07_MR
26932	ZM_020_A1_H08	ZM_020_A1_H08_T7C	
26933	ZM_020_A1_H08		ZM_020_A1_H08_MR
26934	ZM_020_A1_H10	ZM_020_A1_H10_T7C	
26935	ZM_020_A1_H10		ZM_020_A1_H10_MR
26936	ZM_020_A1_H11	ZM_020_A1_H11_T7C	
26937	ZM_020_A1_H12	ZM_020_A1_H12_T7C	
26938	ZM_020_A1_H12		ZM_020_A1_H12_MR
26939	ZM_020_A2_A01		ZM_020_A2_A01_MR
26940	ZM_020_A2_A02	ZM_020_A2_A02_T7C	
26941	ZM_020_A2_A02		ZM_020_A2_A02_MR
26942	ZM_020_A2_A03		ZM_020_A2_A03_MR
26943	ZM_020_A2_A04	ZM_020_A2_A04_T7C	
26944	ZM_020_A2_A04		ZM_020_A2_A04_MR
26945	ZM_020_A2_A05	ZM_020_A2_A05_T7C	
26946	ZM_020_A2_A05		ZM_020_A2_A05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
26947	ZM_020_A2_A06	ZM_020_A2_A06_T7C	
26948	ZM_020_A2_A06		ZM_020_A2_A06_MR
26949	ZM_020_A2_A07	ZM_020_A2_A07_T7C	
26950	ZM_020_A2_A07		ZM_020_A2_A07_MR
26951	ZM_020_A2_A08	ZM_020_A2_A08_T7C	
26952	ZM_020_A2_A08		ZM_020_A2_A08_MR
26953	ZM_020_A2_A09	ZM_020_A2_A09_T7C	
26954	ZM_020_A2_A10	ZM_020_A2_A10_T7C	
26955	ZM_020_A2_A10		ZM_020_A2_A10_MR
26956	ZM_020_A2_A11	ZM_020_A2_A11_T7C	
26957	ZM_020_A2_A11		ZM_020_A2_A11_MR
26958	ZM_020_A2_A12	ZM_020_A2_A12_T7C	
26959	ZM_020_A2_A12		ZM_020_A2_A12_MR
26960	ZM_020_A2_B01		ZM_020_A2_B01_MR
26961	ZM_020_A2_B02	ZM_020_A2_B02_T7C	
26962	ZM_020_A2_B03	ZM_020_A2_B03_T7C	
26963	ZM_020_A2_B03		ZM_020_A2_B03_MR
26964	ZM_020_A2_B04	ZM_020_A2_B04_T7C	
26965	ZM_020_A2_B04		ZM_020_A2_B04_MR
26966	ZM_020_A2_B05	ZM_020_A2_B05_T7C	
26967	ZM_020_A2_B05		ZM_020_A2_B05_MR
26968	ZM_020_A2_B06	ZM_020_A2_B06_T7C	
26969	ZM_020_A2_B07	ZM_020_A2_B07_T7C	
26970	ZM_020_A2_B07		ZM_020_A2_B07_MR
26971	ZM_020_A2_B08	ZM_020_A2_B08_T7C	
26972	ZM_020_A2_B08		ZM_020_A2_B08_MR
26973	ZM_020_A2_B09	ZM_020_A2_B09_T7C	
26974	ZM_020_A2_B09		ZM_020_A2_B09_MR
26975	ZM_020_A2_B10	ZM_020_A2_B10_T7C	
26976	ZM_020_A2_B10		ZM_020_A2_B10_MR
26977	ZM_020_A2_B11	ZM_020_A2_B11_T7C	
26978	ZM_020_A2_B12	ZM_020_A2_B12_T7C	
26979	ZM_020_A2_B12		ZM_020_A2_B12_MR
26980	ZM_020_A2_C01	ZM_020_A2_C01_T7C	
26981	ZM_020_A2_C01		ZM_020_A2_C01_MR
26982	ZM_020_A2_C02	ZM_020_A2_C02_T7C	
26983	ZM_020_A2_C02		ZM_020_A2_C02_MR
26984	ZM_020_A2_C03	ZM_020_A2_C03_T7C	
26985	ZM_020_A2_C03		ZM_020_A2_C03_MR
26986	ZM_020_A2_C04	ZM_020_A2_C04_T7C	
26987	ZM_020_A2_C04		ZM_020_A2_C04_MR
26988	ZM_020_A2_C05	ZM_020_A2_C05_T7C	
26989	ZM_020_A2_C06	ZM_020_A2_C06_T7C	
26990	ZM_020_A2_C06		ZM_020_A2_C06_MR
26991	ZM_020_A2_C08	ZM_020_A2_C08_T7C	
26992	ZM_020_A2_C08		ZM_020_A2_C08_MR
26993	ZM_020_A2_C09	ZM_020_A2_C09_T7C	
26994	ZM_020_A2_C09		ZM_020_A2_C09_MR
26995	ZM_020_A2_C10	ZM_020_A2_C10_T7C	
26996	ZM_020_A2_C10		ZM_020_A2_C10_MR
26997	ZM_020_A2_C11	ZM_020_A2_C11_T7C	
26998	ZM_020_A2_C11		ZM_020_A2_C11_MR
26999	ZM_020_A2_C12	ZM_020_A2_C12_T7C	
27000	ZM_020_A2_C12		ZM_020_A2_C12_MR
27001	ZM_020_A2_D01	ZM_020_A2_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27002	ZM_020_A2_D02	ZM_020_A2_D02_T7C	
27003	ZM_020_A2_D03	ZM_020_A2_D03_T7C	
27004	ZM_020_A2_D03		ZM_020_A2_D03_MR
27005	ZM_020_A2_D04	ZM_020_A2_D04_T7C	
27006	ZM_020_A2_D04		ZM_020_A2_D04_MR
27007	ZM_020_A2_D05	ZM_020_A2_D05_T7C	
27008	ZM_020_A2_D05		ZM_020_A2_D05_MR
27009	ZM_020_A2_D06	ZM_020_A2_D06_T7C	
27010	ZM_020_A2_D06		ZM_020_A2_D06_MR
27011	ZM_020_A2_D07	ZM_020_A2_D07_T7C	
27012	ZM_020_A2_D07		ZM_020_A2_D07_MR
27013	ZM_020_A2_D08	ZM_020_A2_D08_T7C	
27014	ZM_020_A2_D08		ZM_020_A2_D08_MR
27015	ZM_020_A2_D09	ZM_020_A2_D09_T7C	
27016	ZM_020_A2_D10	ZM_020_A2_D10_T7C	
27017	ZM_020_A2_D10		ZM_020_A2_D10_MR
27018	ZM_020_A2_D11	ZM_020_A2_D11_T7C	
27019	ZM_020_A2_D11		ZM_020_A2_D11_MR
27020	ZM_020_A2_D12	ZM_020_A2_D12_T7C	
27021	ZM_020_A2_D12		ZM_020_A2_D12_MR
27022	ZM_020_A2_E02	ZM_020_A2_E02_T7C	
27023	ZM_020_A2_E02		ZM_020_A2_E02_MR
27024	ZM_020_A2_E03	ZM_020_A2_E03_T7C	
27025	ZM_020_A2_E03		ZM_020_A2_E03_MR
27026	ZM_020_A2_E04	ZM_020_A2_E04_T7C	
27027	ZM_020_A2_E04		ZM_020_A2_E04_MR
27028	ZM_020_A2_E05	ZM_020_A2_E05_T7C	
27029	ZM_020_A2_E05		ZM_020_A2_E05_MR
27030	ZM_020_A2_E06	ZM_020_A2_E06_T7C	
27031	ZM_020_A2_E06		ZM_020_A2_E06_MR
27032	ZM_020_A2_E07		ZM_020_A2_E07_MR
27033	ZM_020_A2_E08	ZM_020_A2_E08_T7C	
27034	ZM_020_A2_E09	ZM_020_A2_E09_T7C	
27035	ZM_020_A2_E10	ZM_020_A2_E10_T7C	
27036	ZM_020_A2_E10		ZM_020_A2_E10_MR
27037	ZM_020_A2_E11	ZM_020_A2_E11_T7C	
27038	ZM_020_A2_E11		ZM_020_A2_E11_MR
27039	ZM_020_A2_E12	ZM_020_A2_E12_T7C	
27040	ZM_020_A2_E12		ZM_020_A2_E12_MR
27041	ZM_020_A2_F02	ZM_020_A2_F02_T7C	
27042	ZM_020_A2_F02		ZM_020_A2_F02_MR
27043	ZM_020_A2_F03	ZM_020_A2_F03_T7C	
27044	ZM_020_A2_F04	ZM_020_A2_F04_T7C	
27045	ZM_020_A2_F04		ZM_020_A2_F04_MR
27046	ZM_020_A2_F05	ZM_020_A2_F05_T7C	
27047	ZM_020_A2_F05		ZM_020_A2_F05_MR
27048	ZM_020_A2_F06	ZM_020_A2_F06_T7C	
27049	ZM_020_A2_F06		ZM_020_A2_F06_MR
27050	ZM_020_A2_F08	ZM_020_A2_F08_T7C	
27051	ZM_020_A2_F08		ZM_020_A2_F08_MR
27052	ZM_020_A2_F09	ZM_020_A2_F09_T7C	
27053	ZM_020_A2_F10	ZM_020_A2_F10_T7C	
27054	ZM_020_A2_F10		ZM_020_A2_F10_MR
27055	ZM_020_A2_F11	ZM_020_A2_F11_T7C	
27056	ZM_020_A2_F11		ZM_020_A2_F11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27057	ZM_020_A2_F12	ZM_020_A2_F12_T7C	
27058	ZM_020_A2_F12		ZM_020_A2_F12_MR
27059	ZM_020_A2_G01	ZM_020_A2_G01_T7C	
27060	ZM_020_A2_G01		ZM_020_A2_G01_MR
27061	ZM_020_A2_G02	ZM_020_A2_G02_T7C	
27062	ZM_020_A2_G02		ZM_020_A2_G02_MR
27063	ZM_020_A2_G03	ZM_020_A2_G03_T7C	
27064	ZM_020_A2_G04	ZM_020_A2_G04_T7C	
27065	ZM_020_A2_G04		ZM_020_A2_G04_MR
27066	ZM_020_A2_G05	ZM_020_A2_G05_T7C	
27067	ZM_020_A2_G05		ZM_020_A2_G05_MR
27068	ZM_020_A2_G06	ZM_020_A2_G06_T7C	
27069	ZM_020_A2_G06		ZM_020_A2_G06_MR
27070	ZM_020_A2_G08	ZM_020_A2_G08_T7C	
27071	ZM_020_A2_G08		ZM_020_A2_G08_MR
27072	ZM_020_A2_G09	ZM_020_A2_G09_T7C	
27073	ZM_020_A2_G10	ZM_020_A2_G10_T7C	
27074	ZM_020_A2_G10		ZM_020_A2_G10_MR
27075	ZM_020_A2_G11	ZM_020_A2_G11_T7C	
27076	ZM_020_A2_G12	ZM_020_A2_G12_T7C	
27077	ZM_020_A2_G12		ZM_020_A2_G12_MR
27078	ZM_020_A2_H01	ZM_020_A2_H01_T7C	
27079	ZM_020_A2_H01		ZM_020_A2_H01_MR
27080	ZM_020_A2_H02	ZM_020_A2_H02_T7C	
27081	ZM_020_A2_H02		ZM_020_A2_H02_MR
27082	ZM_020_A2_H03	ZM_020_A2_H03_T7C	
27083	ZM_020_A2_H03		ZM_020_A2_H03_MR
27084	ZM_020_A2_H04	ZM_020_A2_H04_T7C	
27085	ZM_020_A2_H04		ZM_020_A2_H04_MR
27086	ZM_020_A2_H05		ZM_020_A2_H05_MR
27087	ZM_020_A2_H06	ZM_020_A2_H06_T7C	
27088	ZM_020_A2_H06		ZM_020_A2_H06_MR
27089	ZM_020_A2_H07	ZM_020_A2_H07_T7C	
27090	ZM_020_A2_H08		ZM_020_A2_H08_MR
27091	ZM_020_A2_H09	ZM_020_A2_H09_T7C	
27092	ZM_020_A2_H09		ZM_020_A2_H09_MR
27093	ZM_020_A2_H10	ZM_020_A2_H10_T7C	
27094	ZM_020_A2_H11	ZM_020_A2_H11_T7C	
27095	ZM_020_A2_H11		ZM_020_A2_H11_MR
27096	ZM_020_A2_H12	ZM_020_A2_H12_T7C	
27097	ZM_020_A2_H12		ZM_020_A2_H12_MR
27098	ZM_020_B1_A01	ZM_020_B1_A01_T7C	
27099	ZM_020_B1_A01		ZM_020_B1_A01_MR
27100	ZM_020_B1_A02	ZM_020_B1_A02_T7C	
27101	ZM_020_B1_A03	ZM_020_B1_A03_T7C	
27102	ZM_020_B1_A04	ZM_020_B1_A04_T7C	
27103	ZM_020_B1_A05	ZM_020_B1_A05_T7C	
27104	ZM_020_B1_A06	ZM_020_B1_A06_T7C	
27105	ZM_020_B1_A08	ZM_020_B1_A08_T7C	
27106	ZM_020_B1_A09	ZM_020_B1_A09_T7C	
27107	ZM_020_B1_A10	ZM_020_B1_A10_T7C	
27108	ZM_020_B1_A10		ZM_020_B1_A10_MR
27109	ZM_020_B1_B01	ZM_020_B1_B01_T7C	
27110	ZM_020_B1_B01		ZM_020_B1_B01_MR
27111	ZM_020_B1_B02	ZM_020_B1_B02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27112	ZM_020_B1_B02		ZM_020_B1_B02_MR
27113	ZM_020_B1_B03	ZM_020_B1_B03_T7C	
27114	ZM_020_B1_B04	ZM_020_B1_B04_T7C	
27115	ZM_020_B1_B05	ZM_020_B1_B05_T7C	
27116	ZM_020_B1_B05		ZM_020_B1_B05_MR
27117	ZM_020_B1_B06	ZM_020_B1_B06_T7C	
27118	ZM_020_B1_B07	ZM_020_B1_B07_T7C	
27119	ZM_020_B1_B08	ZM_020_B1_B08_T7C	
27120	ZM_020_B1_B10	ZM_020_B1_B10_T7C	
27121	ZM_020_B1_B10		ZM_020_B1_B10_MR
27122	ZM_020_B1_B11	ZM_020_B1_B11_T7C	
27123	ZM_020_B1_B11		ZM_020_B1_B11_MR
27124	ZM_020_B1_B12	ZM_020_B1_B12_T7C	
27125	ZM_020_B1_C01	ZM_020_B1_C01_T7C	
27126	ZM_020_B1_C01		ZM_020_B1_C01_MR
27127	ZM_020_B1_C02	ZM_020_B1_C02_T7C	
27128	ZM_020_B1_C02		ZM_020_B1_C02_MR
27129	ZM_020_B1_C03	ZM_020_B1_C03_T7C	
27130	ZM_020_B1_C04	ZM_020_B1_C04_T7C	
27131	ZM_020_B1_C05	ZM_020_B1_C05_T7C	
27132	ZM_020_B1_C05		ZM_020_B1_C05_MR
27133	ZM_020_B1_C07		ZM_020_B1_C07_MR
27134	ZM_020_B1_C08	ZM_020_B1_C08_T7C	
27135	ZM_020_B1_C08		ZM_020_B1_C08_MR
27136	ZM_020_B1_C09		ZM_020_B1_C09_MR
27137	ZM_020_B1_C10	ZM_020_B1_C10_T7C	
27138	ZM_020_B1_C10		ZM_020_B1_C10_MR
27139	ZM_020_B1_C11		ZM_020_B1_C11_MR
27140	ZM_020_B1_C12	ZM_020_B1_C12_T7C	
27141	ZM_020_B1_D01	ZM_020_B1_D01_T7C	
27142	ZM_020_B1_D01		ZM_020_B1_D01_MR
27143	ZM_020_B1_D02	ZM_020_B1_D02_T7C	
27144	ZM_020_B1_D02		ZM_020_B1_D02_MR
27145	ZM_020_B1_D03	ZM_020_B1_D03_T7C	
27146	ZM_020_B1_D03		ZM_020_B1_D03_MR
27147	ZM_020_B1_D04	ZM_020_B1_D04_T7C	
27148	ZM_020_B1_D04		ZM_020_B1_D04_MR
27149	ZM_020_B1_D05	ZM_020_B1_D05_T7C	
27150	ZM_020_B1_D08	ZM_020_B1_D08_T7C	
27151	ZM_020_B1_D08		ZM_020_B1_D08_MR
27152	ZM_020_B1_D10	ZM_020_B1_D10_T7C	
27153	ZM_020_B1_D10		ZM_020_B1_D10_MR
27154	ZM_020_B1_D11	ZM_020_B1_D11_T7C	
27155	ZM_020_B1_E01	ZM_020_B1_E01_T7C	
27156	ZM_020_B1_E01		ZM_020_B1_E01_MR
27157	ZM_020_B1_E02	ZM_020_B1_E02_T7C	
27158	ZM_020_B1_E02		ZM_020_B1_E02_MR
27159	ZM_020_B1_E04	ZM_020_B1_E04_T7C	
27160	ZM_020_B1_E04		ZM_020_B1_E04_MR
27161	ZM_020_B1_E05	ZM_020_B1_E05_T7C	
27162	ZM_020_B1_E05		ZM_020_B1_E05_MR
27163	ZM_020_B1_E06	ZM_020_B1_E06_T7C	
27164	ZM_020_B1_E07		ZM_020_B1_E07_MR
27165	ZM_020_B1_E08	ZM_020_B1_E08_T7C	
27166	ZM_020_B1_E10		ZM_020_B1_E10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27167	ZM_020_B1_E12	ZM_020_B1_E12_T7C	
27168	ZM_020_B1_E12		ZM_020_B1_E12_MR
27169	ZM_020_B1_F01	ZM_020_B1_F01_T7C	
27170	ZM_020_B1_F01		ZM_020_B1_F01_MR
27171	ZM_020_B1_F02	ZM_020_B1_F02_T7C	
27172	ZM_020_B1_F02		ZM_020_B1_F02_MR
27173	ZM_020_B1_F03		ZM_020_B1_F03_MR
27174	ZM_020_B1_F04	ZM_020_B1_F04_T7C	
27175	ZM_020_B1_F04		ZM_020_B1_F04_MR
27176	ZM_020_B1_F05		ZM_020_B1_F05_MR
27177	ZM_020_B1_F07	ZM_020_B1_F07_T7C	
27178	ZM_020_B1_F08		ZM_020_B1_F08_MR
27179	ZM_020_B1_F10	ZM_020_B1_F10_T7C	
27180	ZM_020_B1_F10		ZM_020_B1_F10_MR
27181	ZM_020_B1_F11		ZM_020_B1_F11_MR
27182	ZM_020_B1_F12	ZM_020_B1_F12_T7C	
27183	ZM_020_B1_G01	ZM_020_B1_G01_T7C	
27184	ZM_020_B1_G01		ZM_020_B1_G01_MR
27185	ZM_020_B1_G02	ZM_020_B1_G02_T7C	
27186	ZM_020_B1_G02		ZM_020_B1_G02_MR
27187	ZM_020_B1_G04	ZM_020_B1_G04_T7C	
27188	ZM_020_B1_G04		ZM_020_B1_G04_MR
27189	ZM_020_B1_G05	ZM_020_B1_G05_T7C	
27190	ZM_020_B1_G05		ZM_020_B1_G05_MR
27191	ZM_020_B1_G07	ZM_020_B1_G07_T7C	
27192	ZM_020_B1_G08		ZM_020_B1_G08_MR
27193	ZM_020_B1_G10	ZM_020_B1_G10_T7C	
27194	ZM_020_B1_G11	ZM_020_B1_G11_T7C	
27195	ZM_020_B1_G11		ZM_020_B1_G11_MR
27196	ZM_020_B1_H01	ZM_020_B1_H01_T7C	
27197	ZM_020_B1_H01		ZM_020_B1_H01_MR
27198	ZM_020_B1_H02	ZM_020_B1_H02_T7C	
27199	ZM_020_B1_H02		ZM_020_B1_H02_MR
27200	ZM_020_B1_H03	ZM_020_B1_H03_T7C	
27201	ZM_020_B1_H04	ZM_020_B1_H04_T7C	
27202	ZM_020_B1_H05	ZM_020_B1_H05_T7C	
27203	ZM_020_B1_H06		ZM_020_B1_H06_MR
27204	ZM_020_B1_H08	ZM_020_B1_H08_T7C	
27205	ZM_020_B1_H09	ZM_020_B1_H09_T7C	
27206	ZM_020_B1_H10	ZM_020_B1_H10_T7C	
27207	ZM_020_B1_H10		ZM_020_B1_H10_MR
27208	ZM_020_B1_H11	ZM_020_B1_H11_T7C	
27209	ZM_020_B1_H11		ZM_020_B1_H11_MR
27210	ZM_020_B2_A01	ZM_020_B2_A01_T7C	
27211	ZM_020_B2_A01		ZM_020_B2_A01_MR
27212	ZM_020_B2_A02	ZM_020_B2_A02_T7C	
27213	ZM_020_B2_A02		ZM_020_B2_A02_MR
27214	ZM_020_B2_A03	ZM_020_B2_A03_T7C	
27215	ZM_020_B2_A04	ZM_020_B2_A04_T7C	
27216	ZM_020_B2_A05	ZM_020_B2_A05_T7C	
27217	ZM_020_B2_A06	ZM_020_B2_A06_T7C	
27218	ZM_020_B2_A07	ZM_020_B2_A07_T7C	
27219	ZM_020_B2_A07		ZM_020_B2_A07_MR
27220	ZM_020_B2_A08	ZM_020_B2_A08_T7C	
27221	ZM_020_B2_A11	ZM_020_B2_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27222	ZM_020_B2_A12	ZM_020_B2_A12_T7C	
27223	ZM_020_B2_B01	ZM_020_B2_B01_T7C	
27224	ZM_020_B2_B01		ZM_020_B2_B01_MR
27225	ZM_020_B2_B02	ZM_020_B2_B02_T7C	
27226	ZM_020_B2_B02		ZM_020_B2_B02_MR
27227	ZM_020_B2_B03	ZM_020_B2_B03_T7C	
27228	ZM_020_B2_B03		ZM_020_B2_B03_MR
27229	ZM_020_B2_B04	ZM_020_B2_B04_T7C	
27230	ZM_020_B2_B04		ZM_020_B2_B04_MR
27231	ZM_020_B2_B05	ZM_020_B2_B05_T7C	
27232	ZM_020_B2_B05		ZM_020_B2_B05_MR
27233	ZM_020_B2_B06	ZM_020_B2_B06_T7C	
27234	ZM_020_B2_B06		ZM_020_B2_B06_MR
27235	ZM_020_B2_B07	ZM_020_B2_B07_T7C	
27236	ZM_020_B2_B07		ZM_020_B2_B07_MR
27237	ZM_020_B2_B08	ZM_020_B2_B08_T7C	
27238	ZM_020_B2_B09	ZM_020_B2_B09_T7C	
27239	ZM_020_B2_B09		ZM_020_B2_B09_MR
27240	ZM_020_B2_B10	ZM_020_B2_B10_T7C	
27241	ZM_020_B2_B10		ZM_020_B2_B10_MR
27242	ZM_020_B2_B11	ZM_020_B2_B11_T7C	
27243	ZM_020_B2_B11		ZM_020_B2_B11_MR
27244	ZM_020_B2_B12	ZM_020_B2_B12_T7C	
27245	ZM_020_B2_B12		ZM_020_B2_B12_MR
27246	ZM_020_B2_C01	ZM_020_B2_C01_T7C	
27247	ZM_020_B2_C01		ZM_020_B2_C01_MR
27248	ZM_020_B2_C02	ZM_020_B2_C02_T7C	
27249	ZM_020_B2_C02		ZM_020_B2_C02_MR
27250	ZM_020_B2_C03	ZM_020_B2_C03_T7C	
27251	ZM_020_B2_C04	ZM_020_B2_C04_T7C	
27252	ZM_020_B2_C05	ZM_020_B2_C05_T7C	
27253	ZM_020_B2_C06	ZM_020_B2_C06_T7C	
27254	ZM_020_B2_C06		ZM_020_B2_C06_MR
27255	ZM_020_B2_C07	ZM_020_B2_C07_T7C	
27256	ZM_020_B2_C07		ZM_020_B2_C07_MR
27257	ZM_020_B2_C08	ZM_020_B2_C08_T7C	
27258	ZM_020_B2_C08		ZM_020_B2_C08_MR
27259	ZM_020_B2_C09	ZM_020_B2_C09_T7C	
27260	ZM_020_B2_C09		ZM_020_B2_C09_MR
27261	ZM_020_B2_C10	ZM_020_B2_C10_T7C	
27262	ZM_020_B2_C10		ZM_020_B2_C10_MR
27263	ZM_020_B2_C11	ZM_020_B2_C11_T7C	
27264	ZM_020_B2_C11		ZM_020_B2_C11_MR
27265	ZM_020_B2_C12	ZM_020_B2_C12_T7C	
27266	ZM_020_B2_C12		ZM_020_B2_C12_MR
27267	ZM_020_B2_D01	ZM_020_B2_D01_T7C	
27268	ZM_020_B2_D01		ZM_020_B2_D01_MR
27269	ZM_020_B2_D02	ZM_020_B2_D02_T7C	
27270	ZM_020_B2_D02		ZM_020_B2_D02_MR
27271	ZM_020_B2_D03	ZM_020_B2_D03_T7C	
27272	ZM_020_B2_D03		ZM_020_B2_D03_MR
27273	ZM_020_B2_D04	ZM_020_B2_D04_T7C	
27274	ZM_020_B2_D04		ZM_020_B2_D04_MR
27275	ZM_020_B2_D05	ZM_020_B2_D05_T7C	
27276	ZM_020_B2_D05		ZM_020_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27277	ZM_020_B2_D06	ZM_020_B2_D06_T7C	
27278	ZM_020_B2_D06		ZM_020_B2_D06_MR
27279	ZM_020_B2_D07	ZM_020_B2_D07_T7C	
27280	ZM_020_B2_D07		ZM_020_B2_D07_MR
27281	ZM_020_B2_D08	ZM_020_B2_D08_T7C	
27282	ZM_020_B2_D08		ZM_020_B2_D08_MR
27283	ZM_020_B2_D09	ZM_020_B2_D09_T7C	
27284	ZM_020_B2_D09		ZM_020_B2_D09_MR
27285	ZM_020_B2_D10		ZM_020_B2_D10_MR
27286	ZM_020_B2_D11	ZM_020_B2_D11_T7C	
27287	ZM_020_B2_D11		ZM_020_B2_D11_MR
27288	ZM_020_B2_D12	ZM_020_B2_D12_T7C	
27289	ZM_020_B2_D12		ZM_020_B2_D12_MR
27290	ZM_020_B2_E01	ZM_020_B2_E01_T7C	
27291	ZM_020_B2_E02	ZM_020_B2_E02_T7C	
27292	ZM_020_B2_E02		ZM_020_B2_E02_MR
27293	ZM_020_B2_E03	ZM_020_B2_E03_T7C	
27294	ZM_020_B2_E03		ZM_020_B2_E03_MR
27295	ZM_020_B2_E04	ZM_020_B2_E04_T7C	
27296	ZM_020_B2_E04		ZM_020_B2_E04_MR
27297	ZM_020_B2_E05		ZM_020_B2_E05_MR
27298	ZM_020_B2_E06	ZM_020_B2_E06_T7C	
27299	ZM_020_B2_E06		ZM_020_B2_E06_MR
27300	ZM_020_B2_E07	ZM_020_B2_E07_T7C	
27301	ZM_020_B2_E07		ZM_020_B2_E07_MR
27302	ZM_020_B2_E08	ZM_020_B2_E08_T7C	
27303	ZM_020_B2_E08		ZM_020_B2_E08_MR
27304	ZM_020_B2_E09	ZM_020_B2_E09_T7C	
27305	ZM_020_B2_E09		ZM_020_B2_E09_MR
27306	ZM_020_B2_E10	ZM_020_B2_E10_T7C	
27307	ZM_020_B2_E10		ZM_020_B2_E10_MR
27308	ZM_020_B2_E11	ZM_020_B2_E11_T7C	
27309	ZM_020_B2_E11		ZM_020_B2_E11_MR
27310	ZM_020_B2_E12	ZM_020_B2_E12_T7C	
27311	ZM_020_B2_E12		ZM_020_B2_E12_MR
27312	ZM_020_B2_F01	ZM_020_B2_F01_T7C	
27313	ZM_020_B2_F01		ZM_020_B2_F01_MR
27314	ZM_020_B2_F02	ZM_020_B2_F02_T7C	
27315	ZM_020_B2_F02		ZM_020_B2_F02_MR
27316	ZM_020_B2_F03	ZM_020_B2_F03_T7C	
27317	ZM_020_B2_F03		ZM_020_B2_F03_MR
27318	ZM_020_B2_F04	ZM_020_B2_F04_T7C	
27319	ZM_020_B2_F04		ZM_020_B2_F04_MR
27320	ZM_020_B2_F05	ZM_020_B2_F05_T7C	
27321	ZM_020_B2_F05		ZM_020_B2_F05_MR
27322	ZM_020_B2_F06	ZM_020_B2_F06_T7C	
27323	ZM_020_B2_F06		ZM_020_B2_F06_MR
27324	ZM_020_B2_F08	ZM_020_B2_F08_T7C	
27325	ZM_020_B2_F08		ZM_020_B2_F08_MR
27326	ZM_020_B2_F09	ZM_020_B2_F09_T7C	
27327	ZM_020_B2_F09		ZM_020_B2_F09_MR
27328	ZM_020_B2_F10	ZM_020_B2_F10_T7C	
27329	ZM_020_B2_F10		ZM_020_B2_F10_MR
27330	ZM_020_B2_F11	ZM_020_B2_F11_T7C	
27331	ZM_020_B2_F11		ZM_020_B2_F11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27332	ZM_020_B2_F12	ZM_020_B2_F12_T7C	
27333	ZM_020_B2_F12		ZM_020_B2_F12_MR
27334	ZM_020_B2_G01	ZM_020_B2_G01_T7C	
27335	ZM_020_B2_G01		ZM_020_B2_G01_MR
27336	ZM_020_B2_G02	ZM_020_B2_G02_T7C	
27337	ZM_020_B2_G02		ZM_020_B2_G02_MR
27338	ZM_020_B2_G03	ZM_020_B2_G03_T7C	
27339	ZM_020_B2_G03		ZM_020_B2_G03_MR
27340	ZM_020_B2_G04	ZM_020_B2_G04_T7C	
27341	ZM_020_B2_G04		ZM_020_B2_G04_MR
27342	ZM_020_B2_G05		ZM_020_B2_G05_MR
27343	ZM_020_B2_G06	ZM_020_B2_G06_T7C	
27344	ZM_020_B2_G06		ZM_020_B2_G06_MR
27345	ZM_020_B2_G07	ZM_020_B2_G07_T7C	
27346	ZM_020_B2_G07		ZM_020_B2_G07_MR
27347	ZM_020_B2_G08	ZM_020_B2_G08_T7C	
27348	ZM_020_B2_G09	ZM_020_B2_G09_T7C	
27349	ZM_020_B2_G09		ZM_020_B2_G09_MR
27350	ZM_020_B2_G10	ZM_020_B2_G10_T7C	
27351	ZM_020_B2_G10		ZM_020_B2_G10_MR
27352	ZM_020_B2_G11	ZM_020_B2_G11_T7C	
27353	ZM_020_B2_G11		ZM_020_B2_G11_MR
27354	ZM_020_B2_G12		ZM_020_B2_G12_MR
27355	ZM_020_B2_H01	ZM_020_B2_H01_T7C	
27356	ZM_020_B2_H01		ZM_020_B2_H01_MR
27357	ZM_020_B2_H02	ZM_020_B2_H02_T7C	
27358	ZM_020_B2_H02		ZM_020_B2_H02_MR
27359	ZM_020_B2_H03	ZM_020_B2_H03_T7C	
27360	ZM_020_B2_H03		ZM_020_B2_H03_MR
27361	ZM_020_B2_H05	ZM_020_B2_H05_T7C	
27362	ZM_020_B2_H05		ZM_020_B2_H05_MR
27363	ZM_020_B2_H06	ZM_020_B2_H06_T7C	
27364	ZM_020_B2_H07	ZM_020_B2_H07_T7C	
27365	ZM_020_B2_H07		ZM_020_B2_H07_MR
27366	ZM_020_B2_H08	ZM_020_B2_H08_T7C	
27367	ZM_020_B2_H08		ZM_020_B2_H08_MR
27368	ZM_020_B2_H09	ZM_020_B2_H09_T7C	
27369	ZM_020_B2_H09		ZM_020_B2_H09_MR
27370	ZM_020_B2_H10	ZM_020_B2_H10_T7C	
27371	ZM_020_B2_H10		ZM_020_B2_H10_MR
27372	ZM_020_B2_H11	ZM_020_B2_H11_T7C	
27373	ZM_020_B2_H11		ZM_020_B2_H11_MR
27374	ZM_020_B2_H12	ZM_020_B2_H12_T7C	
27375	ZM_020_B2_H12		ZM_020_B2_H12_MR
27376	ZM_0210_A1_A01	ZM_0210_A1_A01_T7C	
27377	ZM_0210_A1_A02	ZM_0210_A1_A02_T7C	
27378	ZM_0210_A1_A03	ZM_0210_A1_A03_T7C	ZM_0210_A1_A03
	ZM_0210_A1_A03_MR		
27380	ZM_0210_A1_A04	ZM_0210_A1_A04_T7C	
27381	ZM_0210_A1_A05	ZM_0210_A1_A05_T7C	
27382	ZM_0210_A1_A05		ZM_0210_A1_A05_MR
27383	ZM_0210_A1_A06	ZM_0210_A1_A06_T7C	
27384	ZM_0210_A1_A06		ZM_0210_A1_A06_MR
27385	ZM_0210_A1_A07	ZM_0210_A1_A07_T7C	
27386	ZM_0210_A1_A07		ZM_0210_A1_A07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27387	ZM_0210_A1_A08	ZM_0210_A1_A08_T7C	
27388	ZM_0210_A1_A08		ZM_0210_A1_A08_MR
27389	ZM_0210_A1_A09	ZM_0210_A1_A09_T7C	
27390	ZM_0210_A1_A09		ZM_0210_A1_A09_MR
27391	ZM_0210_A1_A10	ZM_0210_A1_A10_T7C	
27392	ZM_0210_A1_A10		ZM_0210_A1_A10_MR
27393	ZM_0210_A1_A11	ZM_0210_A1_A11_T7C	
27394	ZM_0210_A1_A11		ZM_0210_A1_A11_MR
27395	ZM_0210_A1_A12	ZM_0210_A1_A12_T7C	
27396	ZM_0210_A1_A12		ZM_0210_A1_A12_MR
27397	ZM_0210_A1_B01	ZM_0210_A1_B01_T7C	
27398	ZM_0210_A1_B02	ZM_0210_A1_B02_T7C	
27399	ZM_0210_A1_B03	ZM_0210_A1_B03_T7C	
27400	ZM_0210_A1_B03		ZM_0210_A1_B03_MR
27401	ZM_0210_A1_B04	ZM_0210_A1_B04_T7C	
27402	ZM_0210_A1_B04		ZM_0210_A1_B04_MR
27403	ZM_0210_A1_B05		ZM_0210_A1_B05_MR
27404	ZM_0210_A1_B06	ZM_0210_A1_B06_T7C	
27405	ZM_0210_A1_B06		ZM_0210_A1_B06_MR
27406	ZM_0210_A1_B07		ZM_0210_A1_B07_MR
27407	ZM_0210_A1_B08	ZM_0210_A1_B08_T7C	
27408	ZM_0210_A1_B08		ZM_0210_A1_B08_MR
27409	ZM_0210_A1_B09	ZM_0210_A1_B09_T7C	
27410	ZM_0210_A1_B10	ZM_0210_A1_B10_T7C	
27411	ZM_0210_A1_B10		ZM_0210_A1_B10_MR
27412	ZM_0210_A1_B11	ZM_0210_A1_B11_T7C	
27413	ZM_0210_A1_B11		ZM_0210_A1_B11_MR
27414	ZM_0210_A1_B12	ZM_0210_A1_B12_T7C	
27415	ZM_0210_A1_B12		ZM_0210_A1_B12_MR
27416	ZM_0210_A1_C01	ZM_0210_A1_C01_T7C	
27417	ZM_0210_A1_C02	ZM_0210_A1_C02_T7C	
27418	ZM_0210_A1_C02		ZM_0210_A1_C02_MR
27419	ZM_0210_A1_C03	ZM_0210_A1_C03_T7C	
27420	ZM_0210_A1_C03		ZM_0210_A1_C03_MR
27421	ZM_0210_A1_C04	ZM_0210_A1_C04_T7C	
27422	ZM_0210_A1_C04		ZM_0210_A1_C04_MR
27423	ZM_0210_A1_C05	ZM_0210_A1_C05_T7C	
27424	ZM_0210_A1_C05		ZM_0210_A1_C05_MR
27425	ZM_0210_A1_C06	ZM_0210_A1_C06_T7C	
27426	ZM_0210_A1_C06		ZM_0210_A1_C06_MR
27427	ZM_0210_A1_C07	ZM_0210_A1_C07_T7C	
27428	ZM_0210_A1_C07		ZM_0210_A1_C07_MR
27429	ZM_0210_A1_C08	ZM_0210_A1_C08_T7C	
27430	ZM_0210_A1_C08		ZM_0210_A1_C08_MR
27431	ZM_0210_A1_C09	ZM_0210_A1_C09_T7C	
27432	ZM_0210_A1_C09		ZM_0210_A1_C09_MR
27433	ZM_0210_A1_C10	ZM_0210_A1_C10_T7C	
27434	ZM_0210_A1_C10		ZM_0210_A1_C10_MR
27435	ZM_0210_A1_C11	ZM_0210_A1_C11_T7C	
27436	ZM_0210_A1_C11		ZM_0210_A1_C11_MR
27437	ZM_0210_A1_C12	ZM_0210_A1_C12_T7C	
27438	ZM_0210_A1_C12		ZM_0210_A1_C12_MR
27439	ZM_0210_A1_D01	ZM_0210_A1_D01_T7C	
27440	ZM_0210_A1_D02	ZM_0210_A1_D02_T7C	
27441	ZM_0210_A1_D02		ZM_0210_A1_D02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27442	ZM_0210_A1_D03	ZM_0210_A1_D03_T7C	
27443	ZM_0210_A1_D03		ZM_0210_A1_D03_MR
27444	ZM_0210_A1_D04	ZM_0210_A1_D04_T7C	
27445	ZM_0210_A1_D04		ZM_0210_A1_D04_MR
27446	ZM_0210_A1_D05	ZM_0210_A1_D05_T7C	
27447	ZM_0210_A1_D06		ZM_0210_A1_D06_MR
27448	ZM_0210_A1_D07	ZM_0210_A1_D07_T7C	
27449	ZM_0210_A1_D07		ZM_0210_A1_D07_MR
27450	ZM_0210_A1_D08	ZM_0210_A1_D08_T7C	
27451	ZM_0210_A1_D08		ZM_0210_A1_D08_MR
27452	ZM_0210_A1_D09	ZM_0210_A1_D09_T7C	
27453	ZM_0210_A1_D09		ZM_0210_A1_D09_MR
27454	ZM_0210_A1_D10	ZM_0210_A1_D10_T7C	
27455	ZM_0210_A1_D10		ZM_0210_A1_D10_MR
27456	ZM_0210_A1_D11	ZM_0210_A1_D11_T7C	
27457	ZM_0210_A1_D11		ZM_0210_A1_D11_MR
27458	ZM_0210_A1_D12	ZM_0210_A1_D12_T7C	
27459	ZM_0210_A1_D12		ZM_0210_A1_D12_MR
27460	ZM_0210_A1_E02	ZM_0210_A1_E02_T7C	
27461	ZM_0210_A1_E02		ZM_0210_A1_E02_MR
27462	ZM_0210_A1_E03	ZM_0210_A1_E03_T7C	
27463	ZM_0210_A1_E03		ZM_0210_A1_E03_MR
27464	ZM_0210_A1_E04	ZM_0210_A1_E04_T7C	
27465	ZM_0210_A1_E04		ZM_0210_A1_E04_MR
27466	ZM_0210_A1_E06	ZM_0210_A1_E06_T7C	
27467	ZM_0210_A1_E06		ZM_0210_A1_E06_MR
27468	ZM_0210_A1_E07	ZM_0210_A1_E07_T7C	
27469	ZM_0210_A1_E07		ZM_0210_A1_E07_MR
27470	ZM_0210_A1_E08	ZM_0210_A1_E08_T7C	
27471	ZM_0210_A1_E08		ZM_0210_A1_E08_MR
27472	ZM_0210_A1_E09	ZM_0210_A1_E09_T7C	
27473	ZM_0210_A1_E09		ZM_0210_A1_E09_MR
27474	ZM_0210_A1_E10	ZM_0210_A1_E10_T7C	
27475	ZM_0210_A1_E10		ZM_0210_A1_E10_MR
27476	ZM_0210_A1_E11	ZM_0210_A1_E11_T7C	
27477	ZM_0210_A1_E11		ZM_0210_A1_E11_MR
27478	ZM_0210_A1_E12	ZM_0210_A1_E12_T7C	
27479	ZM_0210_A1_E12		ZM_0210_A1_E12_MR
27480	ZM_0210_A1_F01	ZM_0210_A1_F01_T7C	
27481	ZM_0210_A1_F02	ZM_0210_A1_F02_T7C	
27482	ZM_0210_A1_F02		ZM_0210_A1_F02_MR
27483	ZM_0210_A1_F03	ZM_0210_A1_F03_T7C	
27484	ZM_0210_A1_F03		ZM_0210_A1_F03_MR
27485	ZM_0210_A1_F04	ZM_0210_A1_F04_T7C	
27486	ZM_0210_A1_F04		ZM_0210_A1_F04_MR
27487	ZM_0210_A1_F05	ZM_0210_A1_F05_T7C	
27488	ZM_0210_A1_F05		ZM_0210_A1_F05_MR
27489	ZM_0210_A1_F06	ZM_0210_A1_F06_T7C	
27490	ZM_0210_A1_F06		ZM_0210_A1_F06_MR
27491	ZM_0210_A1_F07	ZM_0210_A1_F07_T7C	
27492	ZM_0210_A1_F07		ZM_0210_A1_F07_MR
27493	ZM_0210_A1_F08	ZM_0210_A1_F08_T7C	
27494	ZM_0210_A1_F08		ZM_0210_A1_F08_MR
27495	ZM_0210_A1_F09	ZM_0210_A1_F09_T7C	
27496	ZM_0210_A1_F10	ZM_0210_A1_F10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27497	ZM_0210_A1_F10		ZM_0210_A1_F10_MR
27498	ZM_0210_A1_F11	ZM_0210_A1_F11_T7C	
27499	ZM_0210_A1_F11		ZM_0210_A1_F11_MR
27500	ZM_0210_A1_G01	ZM_0210_A1_G01_T7C	
27501	ZM_0210_A1_G01		ZM_0210_A1_G01_MR
27502	ZM_0210_A1_G02	ZM_0210_A1_G02_T7C	
27503	ZM_0210_A1_G03	ZM_0210_A1_G03_T7C	
27504	ZM_0210_A1_G03		ZM_0210_A1_G03_MR
27505	ZM_0210_A1_G04	ZM_0210_A1_G04_T7C	
27506	ZM_0210_A1_G04		ZM_0210_A1_G04_MR
27507	ZM_0210_A1_G05	ZM_0210_A1_G05_T7C	
27508	ZM_0210_A1_G07	ZM_0210_A1_G07_T7C	
27509	ZM_0210_A1_G07		ZM_0210_A1_G07_MR
27510	ZM_0210_A1_G08	ZM_0210_A1_G08_T7C	
27511	ZM_0210_A1_G08		ZM_0210_A1_G08_MR
27512	ZM_0210_A1_G09	ZM_0210_A1_G09_T7C	
27513	ZM_0210_A1_G10	ZM_0210_A1_G10_T7C	
27514	ZM_0210_A1_G10		ZM_0210_A1_G10_MR
27515	ZM_0210_A1_G11	ZM_0210_A1_G11_T7C	
27516	ZM_0210_A1_G12	ZM_0210_A1_G12_T7C	
27517	ZM_0210_A1_G12		ZM_0210_A1_G12_MR
27518	ZM_0210_A1_H01	ZM_0210_A1_H01_T7C	
27519	ZM_0210_A1_H02	ZM_0210_A1_H02_T7C	
27520	ZM_0210_A1_H03	ZM_0210_A1_H03_T7C	
27521	ZM_0210_A1_H03		ZM_0210_A1_H03_MR
27522	ZM_0210_A1_H04	ZM_0210_A1_H04_T7C	
27523	ZM_0210_A1_H04		ZM_0210_A1_H04_MR
27524	ZM_0210_A1_H05	ZM_0210_A1_H05_T7C	
27525	ZM_0210_A1_H06	ZM_0210_A1_H06_T7C	
27526	ZM_0210_A1_H06		ZM_0210_A1_H06_MR
27527	ZM_0210_A1_H07	ZM_0210_A1_H07_T7C	
27528	ZM_0210_A1_H07		ZM_0210_A1_H07_MR
27529	ZM_0210_A1_H08	ZM_0210_A1_H08_T7C	
27530	ZM_0210_A1_H08		ZM_0210_A1_H08_MR
27531	ZM_0210_A1_H09	ZM_0210_A1_H09_T7C	
27532	ZM_0210_A1_H09		ZM_0210_A1_H09_MR
27533	ZM_0210_A1_H10	ZM_0210_A1_H10_T7C	
27534	ZM_0210_A1_H10		ZM_0210_A1_H10_MR
27535	ZM_0210_A1_H11	ZM_0210_A1_H11_T7C	
27536	ZM_0210_A1_H12	ZM_0210_A1_H12_T7C	
27537	ZM_0210_A2_A01	ZM_0210_A2_A01_T7C	
27538	ZM_0210_A2_A01		ZM_0210_A2_A01_MR
27539	ZM_0210_A2_A02	ZM_0210_A2_A02_T7C	
27540	ZM_0210_A2_A02		ZM_0210_A2_A02_MR
27541	ZM_0210_A2_A03	ZM_0210_A2_A03_T7C	
27542	ZM_0210_A2_A03		ZM_0210_A2_A03_MR
27543	ZM_0210_A2_A04	ZM_0210_A2_A04_T7C	
27544	ZM_0210_A2_A05	ZM_0210_A2_A05_T7C	
27545	ZM_0210_A2_A05		ZM_0210_A2_A05_MR
27546	ZM_0210_A2_A06	ZM_0210_A2_A06_T7C	
27547	ZM_0210_A2_A07	ZM_0210_A2_A07_T7C	
27548	ZM_0210_A2_A07		ZM_0210_A2_A07_MR
27549	ZM_0210_A2_A08		ZM_0210_A2_A08_MR
27550	ZM_0210_A2_A09	ZM_0210_A2_A09_T7C	
27551	ZM_0210_A2_A09		ZM_0210_A2_A09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27552	ZM_0210_A2_A10	ZM_0210_A2_A10_T7C	
27553	ZM_0210_A2_A10		ZM_0210_A2_A10_MR
27554	ZM_0210_A2_A11	ZM_0210_A2_A11_T7C	
27555	ZM_0210_A2_A11		ZM_0210_A2_A11_MR
27556	ZM_0210_A2_A12	ZM_0210_A2_A12_T7C	
27557	ZM_0210_A2_A12		ZM_0210_A2_A12_MR
27558	ZM_0210_A2_B01	ZM_0210_A2_B01_T7C	
27559	ZM_0210_A2_B03	ZM_0210_A2_B03_T7C	
27560	ZM_0210_A2_B03		ZM_0210_A2_B03_MR
27561	ZM_0210_A2_B04		ZM_0210_A2_B04_MR
27562	ZM_0210_A2_B05	ZM_0210_A2_B05_T7C	
27563	ZM_0210_A2_B05		ZM_0210_A2_B05_MR
27564	ZM_0210_A2_B06		ZM_0210_A2_B06_MR
27565	ZM_0210_A2_B07		ZM_0210_A2_B07_MR
27566	ZM_0210_A2_B08	ZM_0210_A2_B08_T7C	
27567	ZM_0210_A2_B09	ZM_0210_A2_B09_T7C	
27568	ZM_0210_A2_B09		ZM_0210_A2_B09_MR
27569	ZM_0210_A2_B10	ZM_0210_A2_B10_T7C	
27570	ZM_0210_A2_B10		ZM_0210_A2_B10_MR
27571	ZM_0210_A2_B12	ZM_0210_A2_B12_T7C	
27572	ZM_0210_A2_B12		ZM_0210_A2_B12_MR
27573	ZM_0210_A2_C03		ZM_0210_A2_C03_MR
27574	ZM_0210_A2_C05	ZM_0210_A2_C05_T7C	
27575	ZM_0210_A2_C05		ZM_0210_A2_C05_MR
27576	ZM_0210_A2_C06	ZM_0210_A2_C06_T7C	
27577	ZM_0210_A2_C07	ZM_0210_A2_C07_T7C	
27578	ZM_0210_A2_C07		ZM_0210_A2_C07_MR
27579	ZM_0210_A2_C08	ZM_0210_A2_C08_T7C	
27580	ZM_0210_A2_C08		ZM_0210_A2_C08_MR
27581	ZM_0210_A2_C09	ZM_0210_A2_C09_T7C	
27582	ZM_0210_A2_C09		ZM_0210_A2_C09_MR
27583	ZM_0210_A2_C10	ZM_0210_A2_C10_T7C	
27584	ZM_0210_A2_C10		ZM_0210_A2_C10_MR
27585	ZM_0210_A2_C11	ZM_0210_A2_C11_T7C	
27586	ZM_0210_A2_C12	ZM_0210_A2_C12_T7C	
27587	ZM_0210_A2_C12		ZM_0210_A2_C12_MR
27588	ZM_0210_A2_D03	ZM_0210_A2_D03_T7C	
27589	ZM_0210_A2_D03		ZM_0210_A2_D03_MR
27590	ZM_0210_A2_D04	ZM_0210_A2_D04_T7C	
27591	ZM_0210_A2_D05	ZM_0210_A2_D05_T7C	
27592	ZM_0210_A2_D05		ZM_0210_A2_D05_MR
27593	ZM_0210_A2_D08		ZM_0210_A2_D08_MR
27594	ZM_0210_A2_D09	ZM_0210_A2_D09_T7C	
27595	ZM_0210_A2_D09		ZM_0210_A2_D09_MR
27596	ZM_0210_A2_D10	ZM_0210_A2_D10_T7C	
27597	ZM_0210_A2_D10		ZM_0210_A2_D10_MR
27598	ZM_0210_A2_D11	ZM_0210_A2_D11_T7C	
27599	ZM_0210_A2_D12	ZM_0210_A2_D12_T7C	
27600	ZM_0210_A2_D12		ZM_0210_A2_D12_MR
27601	ZM_0210_A2_E01	ZM_0210_A2_E01_T7C	
27602	ZM_0210_A2_E01		ZM_0210_A2_E01_MR
27603	ZM_0210_A2_E02		ZM_0210_A2_E02_MR
27604	ZM_0210_A2_E03	ZM_0210_A2_E03_T7C	
27605	ZM_0210_A2_E03		ZM_0210_A2_E03_MR
27606	ZM_0210_A2_E05	ZM_0210_A2_E05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27607	ZM_0210_A2_E05		ZM_0210_A2_E05_MR
27608	ZM_0210_A2_E06	ZM_0210_A2_E06_T7C	
27609	ZM_0210_A2_E07	ZM_0210_A2_E07_T7C	
27610	ZM_0210_A2_E07		ZM_0210_A2_E07_MR
27611	ZM_0210_A2_E08	ZM_0210_A2_E08_T7C	
27612	ZM_0210_A2_E08		ZM_0210_A2_E08_MR
27613	ZM_0210_A2_E09	ZM_0210_A2_E09_T7C	
27614	ZM_0210_A2_E10	ZM_0210_A2_E10_T7C	
27615	ZM_0210_A2_E10		ZM_0210_A2_E10_MR
27616	ZM_0210_A2_E11	ZM_0210_A2_E11_T7C	
27617	ZM_0210_A2_E11		ZM_0210_A2_E11_MR
27618	ZM_0210_A2_E12	ZM_0210_A2_E12_T7C	
27619	ZM_0210_A2_E12		ZM_0210_A2_E12_MR
27620	ZM_0210_A2_F01		ZM_0210_A2_F01_MR
27621	ZM_0210_A2_F02	ZM_0210_A2_F02_T7C	
27622	ZM_0210_A2_F02		ZM_0210_A2_F02_MR
27623	ZM_0210_A2_F03	ZM_0210_A2_F03_T7C	
27624	ZM_0210_A2_F03		ZM_0210_A2_F03_MR
27625	ZM_0210_A2_F04	ZM_0210_A2_F04_T7C	
27626	ZM_0210_A2_F04		ZM_0210_A2_F04_MR
27627	ZM_0210_A2_F05	ZM_0210_A2_F05_T7C	
27628	ZM_0210_A2_F05		ZM_0210_A2_F05_MR
27629	ZM_0210_A2_F06	ZM_0210_A2_F06_T7C	
27630	ZM_0210_A2_F06		ZM_0210_A2_F06_MR
27631	ZM_0210_A2_F07	ZM_0210_A2_F07_T7C	
27632	ZM_0210_A2_F07		ZM_0210_A2_F07_MR
27633	ZM_0210_A2_F08		ZM_0210_A2_F08_MR
27634	ZM_0210_A2_F09	ZM_0210_A2_F09_T7C	
27635	ZM_0210_A2_F09		ZM_0210_A2_F09_MR
27636	ZM_0210_A2_F10	ZM_0210_A2_F10_T7C	
27637	ZM_0210_A2_F10		ZM_0210_A2_F10_MR
27638	ZM_0210_A2_F11	ZM_0210_A2_F11_T7C	
27639	ZM_0210_A2_F11		ZM_0210_A2_F11_MR
27640	ZM_0210_A2_F12	ZM_0210_A2_F12_T7C	
27641	ZM_0210_A2_F12		ZM_0210_A2_F12_MR
27642	ZM_0210_A2_G01		ZM_0210_A2_G01_MR
27643	ZM_0210_A2_G02	ZM_0210_A2_G02_T7C	
27644	ZM_0210_A2_G02		ZM_0210_A2_G02_MR
27645	ZM_0210_A2_G04	ZM_0210_A2_G04_T7C	
27646	ZM_0210_A2_G05	ZM_0210_A2_G05_T7C	
27647	ZM_0210_A2_G05		ZM_0210_A2_G05_MR
27648	ZM_0210_A2_G06		ZM_0210_A2_G06_MR
27649	ZM_0210_A2_G07	ZM_0210_A2_G07_T7C	
27650	ZM_0210_A2_G07		ZM_0210_A2_G07_MR
27651	ZM_0210_A2_G08	ZM_0210_A2_G08_T7C	
27652	ZM_0210_A2_G08		ZM_0210_A2_G08_MR
27653	ZM_0210_A2_G09	ZM_0210_A2_G09_T7C	
27654	ZM_0210_A2_G09		ZM_0210_A2_G09_MR
27655	ZM_0210_A2_G10	ZM_0210_A2_G10_T7C	
27656	ZM_0210_A2_G10		ZM_0210_A2_G10_MR
27657	ZM_0210_A2_G11	ZM_0210_A2_G11_T7C	
27658	ZM_0210_A2_G11		ZM_0210_A2_G11_MR
27659	ZM_0210_A2_G12	ZM_0210_A2_G12_T7C	
27660	ZM_0210_A2_G12		ZM_0210_A2_G12_MR
27661	ZM_0210_A2_H01	ZM_0210_A2_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27662	ZM_0210_A2_H02	ZM_0210_A2_H02_T7C	
27663	ZM_0210_A2_H02		ZM_0210_A2_H02_MR
27664	ZM_0210_A2_H04		ZM_0210_A2_H04_MR
27665	ZM_0210_A2_H05	ZM_0210_A2_H05_T7C	
27666	ZM_0210_A2_H05		ZM_0210_A2_H05_MR
27667	ZM_0210_A2_H07	ZM_0210_A2_H07_T7C	
27668	ZM_0210_A2_H07		ZM_0210_A2_H07_MR
27669	ZM_0210_A2_H09	ZM_0210_A2_H09_T7C	
27670	ZM_0210_A2_H09		ZM_0210_A2_H09_MR
27671	ZM_0210_A2_H10	ZM_0210_A2_H10_T7C	
27672	ZM_0210_A2_H10		ZM_0210_A2_H10_MR
27673	ZM_0210_A2_H11	ZM_0210_A2_H11_T7C	
27674	ZM_0210_A2_H11		ZM_0210_A2_H11_MR
27675	ZM_0210_A2_H12		ZM_0210_A2_H12_MR
27676	ZM_0210_B2_A01	ZM_0210_B2_A01_MF	
27677	ZM_0210_B2_A01		ZM_0210_B2_A01_MR
27678	ZM_0210_B2_A02	ZM_0210_B2_A02_MF	
27679	ZM_0210_B2_A02		ZM_0210_B2_A02_MR
27680	ZM_0210_B2_A03	ZM_0210_B2_A03_MF	
27681	ZM_0210_B2_A04	ZM_0210_B2_A04_MF	
27682	ZM_0210_B2_A04		ZM_0210_B2_A04_MR
27683	ZM_0210_B2_A05	ZM_0210_B2_A05_MF	
27684	ZM_0210_B2_A05		ZM_0210_B2_A05_MR
27685	ZM_0210_B2_A06	ZM_0210_B2_A06_MF	
27686	ZM_0210_B2_A06		ZM_0210_B2_A06_MR
27687	ZM_0210_B2_A07	ZM_0210_B2_A07_MF	
27688	ZM_0210_B2_A07		ZM_0210_B2_A07_MR
27689	ZM_0210_B2_A08	ZM_0210_B2_A08_MF	
27690	ZM_0210_B2_A08		ZM_0210_B2_A08_MR
27691	ZM_0210_B2_A09	ZM_0210_B2_A09_MF	
27692	ZM_0210_B2_A09		ZM_0210_B2_A09_MR
27693	ZM_0210_B2_A10	ZM_0210_B2_A10_MF	
27694	ZM_0210_B2_A10		ZM_0210_B2_A10_MR
27695	ZM_0210_B2_A11	ZM_0210_B2_A11_MF	
27696	ZM_0210_B2_A11		ZM_0210_B2_A11_MR
27697	ZM_0210_B2_A12	ZM_0210_B2_A12_MF	
27698	ZM_0210_B2_A12		ZM_0210_B2_A12_MR
27699	ZM_0210_B2_B01	ZM_0210_B2_B01_MF	
27700	ZM_0210_B2_B01		ZM_0210_B2_B01_MR
27701	ZM_0210_B2_B02	ZM_0210_B2_B02_MF	
27702	ZM_0210_B2_B03	ZM_0210_B2_B03_MF	
27703	ZM_0210_B2_B04	ZM_0210_B2_B04_MF	
27704	ZM_0210_B2_B05	ZM_0210_B2_B05_MF	
27705	ZM_0210_B2_B05		ZM_0210_B2_B05_MR
27706	ZM_0210_B2_B06	ZM_0210_B2_B06_MF	
27707	ZM_0210_B2_B06		ZM_0210_B2_B06_MR
27708	ZM_0210_B2_B07	ZM_0210_B2_B07_MF	
27709	ZM_0210_B2_B07		ZM_0210_B2_B07_MR
27710	ZM_0210_B2_B08	ZM_0210_B2_B08_MF	
27711	ZM_0210_B2_B08		ZM_0210_B2_B08_MR
27712	ZM_0210_B2_B09	ZM_0210_B2_B09_MF	
27713	ZM_0210_B2_B09		ZM_0210_B2_B09_MR
27714	ZM_0210_B2_B10	ZM_0210_B2_B10_MF	
27715	ZM_0210_B2_B10		ZM_0210_B2_B10_MR
27716	ZM_0210_B2_B11	ZM_0210_B2_B11_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27717	ZM_0210_B2_B11		ZM_0210_B2_B11_MR
27718	ZM_0210_B2_B12	ZM_0210_B2_B12_MF	
27719	ZM_0210_B2_B12		ZM_0210_B2_B12_MR
27720	ZM_0210_B2_C01	ZM_0210_B2_C01_MF	
27721	ZM_0210_B2_C01		ZM_0210_B2_C01_MR
27722	ZM_0210_B2_C02	ZM_0210_B2_C02_MF	
27723	ZM_0210_B2_C02		ZM_0210_B2_C02_MR
27724	ZM_0210_B2_C03	ZM_0210_B2_C03_MF	
27725	ZM_0210_B2_C04	ZM_0210_B2_C04_MF	
27726	ZM_0210_B2_C05	ZM_0210_B2_C05_MF	
27727	ZM_0210_B2_C05		ZM_0210_B2_C05_MR
27728	ZM_0210_B2_C06	ZM_0210_B2_C06_MF	
27729	ZM_0210_B2_C06		ZM_0210_B2_C06_MR
27730	ZM_0210_B2_C07		ZM_0210_B2_C07_MR
27731	ZM_0210_B2_C08	ZM_0210_B2_C08_MF	
27732	ZM_0210_B2_C08		ZM_0210_B2_C08_MR
27733	ZM_0210_B2_C09	ZM_0210_B2_C09_MF	
27734	ZM_0210_B2_C09		ZM_0210_B2_C09_MR
27735	ZM_0210_B2_C10	ZM_0210_B2_C10_MF	
27736	ZM_0210_B2_C10		ZM_0210_B2_C10_MR
27737	ZM_0210_B2_C11	ZM_0210_B2_C11_MF	
27738	ZM_0210_B2_D01	ZM_0210_B2_D01_MF	
27739	ZM_0210_B2_D03	ZM_0210_B2_D03_MF	
27740	ZM_0210_B2_D04	ZM_0210_B2_D04_MF	
27741	ZM_0210_B2_D04		ZM_0210_B2_D04_MR
27742	ZM_0210_B2_D05	ZM_0210_B2_D05_MF	
27743	ZM_0210_B2_D05		ZM_0210_B2_D05_MR
27744	ZM_0210_B2_D06	ZM_0210_B2_D06_MF	
27745	ZM_0210_B2_D06		ZM_0210_B2_D06_MR
27746	ZM_0210_B2_D07	ZM_0210_B2_D07_MF	
27747	ZM_0210_B2_D07		ZM_0210_B2_D07_MR
27748	ZM_0210_B2_D08	ZM_0210_B2_D08_MF	
27749	ZM_0210_B2_D08		ZM_0210_B2_D08_MR
27750	ZM_0210_B2_D09	ZM_0210_B2_D09_MF	
27751	ZM_0210_B2_D09		ZM_0210_B2_D09_MR
27752	ZM_0210_B2_D10	ZM_0210_B2_D10_MF	
27753	ZM_0210_B2_D10		ZM_0210_B2_D10_MR
27754	ZM_0210_B2_D11	ZM_0210_B2_D11_MF	
27755	ZM_0210_B2_D12	ZM_0210_B2_D12_MF	
27756	ZM_0210_B2_E01	ZM_0210_B2_E01_MF	
27757	ZM_0210_B2_E01		ZM_0210_B2_E01_MR
27758	ZM_0210_B2_E02	ZM_0210_B2_E02_MF	
27759	ZM_0210_B2_E03	ZM_0210_B2_E03_MF	
27760	ZM_0210_B2_E04	ZM_0210_B2_E04_MF	
27761	ZM_0210_B2_E05	ZM_0210_B2_E05_MF	
27762	ZM_0210_B2_E06	ZM_0210_B2_E06_MF	
27763	ZM_0210_B2_E07	ZM_0210_B2_E07_MF	
27764	ZM_0210_B2_E07		ZM_0210_B2_E07_MR
27765	ZM_0210_B2_E08	ZM_0210_B2_E08_MF	
27766	ZM_0210_B2_E09	ZM_0210_B2_E09_MF	
27767	ZM_0210_B2_E09		ZM_0210_B2_E09_MR
27768	ZM_0210_B2_E10	ZM_0210_B2_E10_MF	
27769	ZM_0210_B2_E10		ZM_0210_B2_E10_MR
27770	ZM_0210_B2_E11	ZM_0210_B2_E11_MF	
27771	ZM_0210_B2_E11		ZM_0210_B2_E11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27772	ZM_0210_B2_E12	ZM_0210_B2_E12_MF	
27773	ZM_0210_B2_E12		ZM_0210_B2_E12_MR
27774	ZM_0210_B2_F01	ZM_0210_B2_F01_MF	
27775	ZM_0210_B2_F01		ZM_0210_B2_F01_MR
27776	ZM_0210_B2_F02	ZM_0210_B2_F02_MF	
27777	ZM_0210_B2_F03	ZM_0210_B2_F03_MF	
27778	ZM_0210_B2_F03		ZM_0210_B2_F03_MR
27779	ZM_0210_B2_F04	ZM_0210_B2_F04_MF	
27780	ZM_0210_B2_F04		ZM_0210_B2_F04_MR
27781	ZM_0210_B2_F05	ZM_0210_B2_F05_MF	
27782	ZM_0210_B2_F05		ZM_0210_B2_F05_MR
27783	ZM_0210_B2_F06	ZM_0210_B2_F06_MF	
27784	ZM_0210_B2_F06		ZM_0210_B2_F06_MR
27785	ZM_0210_B2_F07	ZM_0210_B2_F07_MF	
27786	ZM_0210_B2_F09	ZM_0210_B2_F09_MF	
27787	ZM_0210_B2_F09		ZM_0210_B2_F09_MR
27788	ZM_0210_B2_F10		ZM_0210_B2_F10_MR
27789	ZM_0210_B2_F11	ZM_0210_B2_F11_MF	
27790	ZM_0210_B2_F11		ZM_0210_B2_F11_MR
27791	ZM_0210_B2_F12	ZM_0210_B2_F12_MF	
27792	ZM_0210_B2_F12		ZM_0210_B2_F12_MR
27793	ZM_0210_B2_G01	ZM_0210_B2_G01_MF	
27794	ZM_0210_B2_G01		ZM_0210_B2_G01_MR
27795	ZM_0210_B2_G02	ZM_0210_B2_G02_MF	
27796	ZM_0210_B2_G03	ZM_0210_B2_G03_MF	
27797	ZM_0210_B2_G03		ZM_0210_B2_G03_MR
27798	ZM_0210_B2_G04	ZM_0210_B2_G04_MF	
27799	ZM_0210_B2_G04		ZM_0210_B2_G04_MR
27800	ZM_0210_B2_G05	ZM_0210_B2_G05_MF	
27801	ZM_0210_B2_G06	ZM_0210_B2_G06_MF	
27802	ZM_0210_B2_G07	ZM_0210_B2_G07_MF	
27803	ZM_0210_B2_G07		ZM_0210_B2_G07_MR
27804	ZM_0210_B2_G08	ZM_0210_B2_G08_MF	
27805	ZM_0210_B2_G08		ZM_0210_B2_G08_MR
27806	ZM_0210_B2_G09	ZM_0210_B2_G09_MF	
27807	ZM_0210_B2_G09		ZM_0210_B2_G09_MR
27808	ZM_0210_B2_G10	ZM_0210_B2_G10_MF	
27809	ZM_0210_B2_G10		ZM_0210_B2_G10_MR
27810	ZM_0210_B2_G11		ZM_0210_B2_G11_MR
27811	ZM_0210_B2_G12	ZM_0210_B2_G12_MF	
27812	ZM_0210_B2_G12		ZM_0210_B2_G12_MR
27813	ZM_0210_B2_H01	ZM_0210_B2_H01_MF	
27814	ZM_0210_B2_H02		ZM_0210_B2_H02_MR
27815	ZM_0210_B2_H03	ZM_0210_B2_H03_MF	
27816	ZM_0210_B2_H04	ZM_0210_B2_H04_MF	
27817	ZM_0210_B2_H04		ZM_0210_B2_H04_MR
27818	ZM_0210_B2_H05		ZM_0210_B2_H05_MR
27819	ZM_0210_B2_H06	ZM_0210_B2_H06_MF	
27820	ZM_0210_B2_H07	ZM_0210_B2_H07_MF	
27821	ZM_0210_B2_H07		ZM_0210_B2_H07_MR
27822	ZM_0210_B2_H08	ZM_0210_B2_H08_MF	
27823	ZM_0210_B2_H11	ZM_0210_B2_H11_MF	
27824	ZM_0211_A1_A01	ZM_0211_A1_A01_T7C	
27825	ZM_0211_A1_A01		ZM_0211_A1_A01_MR
27826	ZM_0211_A1_A02		ZM_0211_A1_A02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27827	ZM_0211_A1_A03	ZM_0211_A1_A03_T7C	ZM_0211_A1_A03_MR
27828	ZM_0211_A1_A03		
27829	ZM_0211_A1_A05	ZM_0211_A1_A05_T7C	ZM_0211_A1_A05_MR
27830	ZM_0211_A1_A05		
27831	ZM_0211_A1_A06	ZM_0211_A1_A06_T7C	ZM_0211_A1_A06_MR
27832	ZM_0211_A1_A06		
27833	ZM_0211_A1_A07	ZM_0211_A1_A07_T7C	ZM_0211_A1_A07_MR
27834	ZM_0211_A1_A07		
27835	ZM_0211_A1_A08	ZM_0211_A1_A08_T7C	ZM_0211_A1_A09_MR
27836	ZM_0211_A1_A09		
27837	ZM_0211_A1_A10	ZM_0211_A1_A10_T7C	ZM_0211_A1_A10_MR
27838	ZM_0211_A1_A10		
27839	ZM_0211_A1_A11	ZM_0211_A1_A11_T7C	ZM_0211_A1_A11_MR
27840	ZM_0211_A1_A11		
27841	ZM_0211_A1_A12	ZM_0211_A1_A12_T7C	ZM_0211_A1_A12_MR
27842	ZM_0211_A1_A12		
27843	ZM_0211_A1_B01	ZM_0211_A1_B01_T7C	ZM_0211_A1_B01_MR
27844	ZM_0211_A1_B01		
27845	ZM_0211_A1_B02	ZM_0211_A1_B02_T7C	ZM_0211_A1_B02_MR
27846	ZM_0211_A1_B02		
27847	ZM_0211_A1_B04	ZM_0211_A1_B04_T7C	ZM_0211_A1_B04_MR
27848	ZM_0211_A1_B04		
27849	ZM_0211_A1_B05	ZM_0211_A1_B05_T7C	ZM_0211_A1_B05_MR
27850	ZM_0211_A1_B05		
27851	ZM_0211_A1_B06	ZM_0211_A1_B06_T7C	ZM_0211_A1_B06_MR
27852	ZM_0211_A1_B06		
27853	ZM_0211_A1_B07	ZM_0211_A1_B07_T7C	ZM_0211_A1_B07_MR
27854	ZM_0211_A1_B07		
27855	ZM_0211_A1_B08	ZM_0211_A1_B08_T7C	ZM_0211_A1_B08_MR
27856	ZM_0211_A1_B08		
27857	ZM_0211_A1_B09	ZM_0211_A1_B09_T7C	ZM_0211_A1_B09_MR
27858	ZM_0211_A1_B09		
27859	ZM_0211_A1_B10	ZM_0211_A1_B10_T7C	ZM_0211_A1_B10_MR
27860	ZM_0211_A1_B10		
27861	ZM_0211_A1_B11	ZM_0211_A1_B11_T7C	ZM_0211_A1_B11_MR
27862	ZM_0211_A1_B11		
27863	ZM_0211_A1_B12	ZM_0211_A1_B12_T7C	ZM_0211_A1_B12_MR
27864	ZM_0211_A1_B12		
27865	ZM_0211_A1_C01	ZM_0211_A1_C01_T7C	ZM_0211_A1_C01_MR
27866	ZM_0211_A1_C01		
27867	ZM_0211_A1_C02	ZM_0211_A1_C02_T7C	ZM_0211_A1_C02_MR
27868	ZM_0211_A1_C02		
27869	ZM_0211_A1_C03	ZM_0211_A1_C03_T7C	ZM_0211_A1_C03_MR
27870	ZM_0211_A1_C03		
27871	ZM_0211_A1_C04	ZM_0211_A1_C04_T7C	ZM_0211_A1_C04_MR
27872	ZM_0211_A1_C04		
27873	ZM_0211_A1_C05	ZM_0211_A1_C05_T7C	ZM_0211_A1_C05_MR
27874	ZM_0211_A1_C05		
27875	ZM_0211_A1_C06	ZM_0211_A1_C06_T7C	ZM_0211_A1_C06_MR
27876	ZM_0211_A1_C06		
27877	ZM_0211_A1_C07	ZM_0211_A1_C07_T7C	ZM_0211_A1_C07_MR
27878	ZM_0211_A1_C07		
27879	ZM_0211_A1_C08	ZM_0211_A1_C08_T7C	ZM_0211_A1_C08_MR
27880	ZM_0211_A1_C08		
27881	ZM_0211_A1_C09	ZM_0211_A1_C09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27882	ZM_0211_A1_C09		ZM_0211_A1_C09_MR
27883	ZM_0211_A1_C10	ZM_0211_A1_C10_T7C	
27884	ZM_0211_A1_C10		ZM_0211_A1_C10_MR
27885	ZM_0211_A1_C11		ZM_0211_A1_C11_MR
27886	ZM_0211_A1_C12	ZM_0211_A1_C12_T7C	
27887	ZM_0211_A1_C12		ZM_0211_A1_C12_MR
27888	ZM_0211_A1_D01	ZM_0211_A1_D01_T7C	
27889	ZM_0211_A1_D01		ZM_0211_A1_D01_MR
27890	ZM_0211_A1_D02	ZM_0211_A1_D02_T7C	
27891	ZM_0211_A1_D02		ZM_0211_A1_D02_MR
27892	ZM_0211_A1_D03	ZM_0211_A1_D03_T7C	
27893	ZM_0211_A1_D03		ZM_0211_A1_D03_MR
27894	ZM_0211_A1_D04	ZM_0211_A1_D04_T7C	
27895	ZM_0211_A1_D04		ZM_0211_A1_D04_MR
27896	ZM_0211_A1_D05		ZM_0211_A1_D05_MR
27897	ZM_0211_A1_D06	ZM_0211_A1_D06_T7C	
27898	ZM_0211_A1_D06		ZM_0211_A1_D06_MR
27899	ZM_0211_A1_D07		ZM_0211_A1_D07_MR
27900	ZM_0211_A1_D08	ZM_0211_A1_D08_T7C	
27901	ZM_0211_A1_D08		ZM_0211_A1_D08_MR
27902	ZM_0211_A1_D09	ZM_0211_A1_D09_T7C	
27903	ZM_0211_A1_D09		ZM_0211_A1_D09_MR
27904	ZM_0211_A1_D10		ZM_0211_A1_D10_MR
27905	ZM_0211_A1_D11	ZM_0211_A1_D11_T7C	
27906	ZM_0211_A1_D11		ZM_0211_A1_D11_MR
27907	ZM_0211_A1_D12	ZM_0211_A1_D12_T7C	
27908	ZM_0211_A1_D12		ZM_0211_A1_D12_MR
27909	ZM_0211_A1_E01	ZM_0211_A1_E01_T7C	
27910	ZM_0211_A1_E01		ZM_0211_A1_E01_MR
27911	ZM_0211_A1_E02	ZM_0211_A1_E02_T7C	
27912	ZM_0211_A1_E02		ZM_0211_A1_E02_MR
27913	ZM_0211_A1_E03	ZM_0211_A1_E03_T7C	
27914	ZM_0211_A1_E03		ZM_0211_A1_E03_MR
27915	ZM_0211_A1_E04	ZM_0211_A1_E04_T7C	
27916	ZM_0211_A1_E04		ZM_0211_A1_E04_MR
27917	ZM_0211_A1_E05		ZM_0211_A1_E05_MR
27918	ZM_0211_A1_E06	ZM_0211_A1_E06_T7C	
27919	ZM_0211_A1_E06		ZM_0211_A1_E06_MR
27920	ZM_0211_A1_E07		ZM_0211_A1_E07_MR
27921	ZM_0211_A1_E08	ZM_0211_A1_E08_T7C	
27922	ZM_0211_A1_E08		ZM_0211_A1_E08_MR
27923	ZM_0211_A1_E09	ZM_0211_A1_E09_T7C	
27924	ZM_0211_A1_E09		ZM_0211_A1_E09_MR
27925	ZM_0211_A1_E10		ZM_0211_A1_E10_MR
27926	ZM_0211_A1_E11	ZM_0211_A1_E11_T7C	
27927	ZM_0211_A1_E11		ZM_0211_A1_E11_MR
27928	ZM_0211_A1_E12	ZM_0211_A1_E12_T7C	
27929	ZM_0211_A1_E12		ZM_0211_A1_E12_MR
27930	ZM_0211_A1_F01	ZM_0211_A1_F01_T7C	
27931	ZM_0211_A1_F01		ZM_0211_A1_F01_MR
27932	ZM_0211_A1_F02	ZM_0211_A1_F02_T7C	
27933	ZM_0211_A1_F02		ZM_0211_A1_F02_MR
27934	ZM_0211_A1_F03	ZM_0211_A1_F03_T7C	
27935	ZM_0211_A1_F03		ZM_0211_A1_F03_MR
27936	ZM_0211_A1_F04	ZM_0211_A1_F04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27937	ZM_0211_A1_F04		ZM_0211_A1_F04_MR
27938	ZM_0211_A1_F05		ZM_0211_A1_F05_MR
27939	ZM_0211_A1_F06	ZM_0211_A1_F06_T7C	
27940	ZM_0211_A1_F06		ZM_0211_A1_F06_MR
27941	ZM_0211_A1_F07	ZM_0211_A1_F07_T7C	
27942	ZM_0211_A1_F07		ZM_0211_A1_F07_MR
27943	ZM_0211_A1_F08	ZM_0211_A1_F08_T7C	
27944	ZM_0211_A1_F08		ZM_0211_A1_F08_MR
27945	ZM_0211_A1_F09	ZM_0211_A1_F09_T7C	
27946	ZM_0211_A1_F09		ZM_0211_A1_F09_MR
27947	ZM_0211_A1_F10	ZM_0211_A1_F10_T7C	
27948	ZM_0211_A1_F10		ZM_0211_A1_F10_MR
27949	ZM_0211_A1_F11	ZM_0211_A1_F11_T7C	
27950	ZM_0211_A1_F11		ZM_0211_A1_F11_MR
27951	ZM_0211_A1_F12	ZM_0211_A1_F12_T7C	
27952	ZM_0211_A1_F12		ZM_0211_A1_F12_MR
27953	ZM_0211_A1_G01	ZM_0211_A1_G01_T7C	
27954	ZM_0211_A1_G01		ZM_0211_A1_G01_MR
27955	ZM_0211_A1_G02		ZM_0211_A1_G02_MR
27956	ZM_0211_A1_G03	ZM_0211_A1_G03_T7C	
27957	ZM_0211_A1_G03		ZM_0211_A1_G03_MR
27958	ZM_0211_A1_G04	ZM_0211_A1_G04_T7C	
27959	ZM_0211_A1_G04		ZM_0211_A1_G04_MR
27960	ZM_0211_A1_G05		ZM_0211_A1_G05_MR
27961	ZM_0211_A1_G06	ZM_0211_A1_G06_T7C	
27962	ZM_0211_A1_G06		ZM_0211_A1_G06_MR
27963	ZM_0211_A1_G07	ZM_0211_A1_G07_T7C	
27964	ZM_0211_A1_G07		ZM_0211_A1_G07_MR
27965	ZM_0211_A1_G08	ZM_0211_A1_G08_T7C	
27966	ZM_0211_A1_G08		ZM_0211_A1_G08_MR
27967	ZM_0211_A1_G09	ZM_0211_A1_G09_T7C	
27968	ZM_0211_A1_G09		ZM_0211_A1_G09_MR
27969	ZM_0211_A1_G10	ZM_0211_A1_G10_T7C	
27970	ZM_0211_A1_G10		ZM_0211_A1_G10_MR
27971	ZM_0211_A1_G11	ZM_0211_A1_G11_T7C	
27972	ZM_0211_A1_G11		ZM_0211_A1_G11_MR
27973	ZM_0211_A1_G12	ZM_0211_A1_G12_T7C	
27974	ZM_0211_A1_H01	ZM_0211_A1_H01_T7C	
27975	ZM_0211_A1_H01		ZM_0211_A1_H01_MR
27976	ZM_0211_A1_H02	ZM_0211_A1_H02_T7C	
27977	ZM_0211_A1_H02		ZM_0211_A1_H02_MR
27978	ZM_0211_A1_H03	ZM_0211_A1_H03_T7C	
27979	ZM_0211_A1_H03		ZM_0211_A1_H03_MR
27980	ZM_0211_A1_H04	ZM_0211_A1_H04_T7C	
27981	ZM_0211_A1_H04		ZM_0211_A1_H04_MR
27982	ZM_0211_A1_H05	ZM_0211_A1_H05_T7C	
27983	ZM_0211_A1_H05		ZM_0211_A1_H05_MR
27984	ZM_0211_A1_H06	ZM_0211_A1_H06_T7C	
27985	ZM_0211_A1_H06		ZM_0211_A1_H06_MR
27986	ZM_0211_A1_H07	ZM_0211_A1_H07_T7C	
27987	ZM_0211_A1_H07		ZM_0211_A1_H07_MR
27988	ZM_0211_A1_H08	ZM_0211_A1_H08_T7C	
27989	ZM_0211_A1_H08		ZM_0211_A1_H08_MR
27990	ZM_0211_A1_H09	ZM_0211_A1_H09_T7C	
27991	ZM_0211_A1_H09		ZM_0211_A1_H09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
27992	ZM_0211_A1_H10	ZM_0211_A1_H10_T7C	
27993	ZM_0211_A1_H10		ZM_0211_A1_H10_MR
27994	ZM_0211_A1_H11	ZM_0211_A1_H11_T7C	
27995	ZM_0211_A1_H12		ZM_0211_A1_H12_MR
27996	ZM_0211_A2_A01	ZM_0211_A2_A01_T7C	
27997	ZM_0211_A2_A01		ZM_0211_A2_A01_MR
27998	ZM_0211_A2_A02	ZM_0211_A2_A02_T7C	
27999	ZM_0211_A2_A02		ZM_0211_A2_A02_MR
28000	ZM_0211_A2_A03	ZM_0211_A2_A03_T7C	
28001	ZM_0211_A2_A03		ZM_0211_A2_A03_MR
28002	ZM_0211_A2_A04	ZM_0211_A2_A04_T7C	
28003	ZM_0211_A2_A04		ZM_0211_A2_A04_MR
28004	ZM_0211_A2_A05	ZM_0211_A2_A05_T7C	
28005	ZM_0211_A2_A05		ZM_0211_A2_A05_MR
28006	ZM_0211_A2_A06	ZM_0211_A2_A06_T7C	
28007	ZM_0211_A2_A07	ZM_0211_A2_A07_T7C	
28008	ZM_0211_A2_A07		ZM_0211_A2_A07_MR
28009	ZM_0211_A2_A08		ZM_0211_A2_A08_MR
28010	ZM_0211_A2_A09	ZM_0211_A2_A09_T7C	
28011	ZM_0211_A2_A09		ZM_0211_A2_A09_MR
28012	ZM_0211_A2_A10	ZM_0211_A2_A10_T7C	
28013	ZM_0211_A2_A11	ZM_0211_A2_A11_T7C	
28014	ZM_0211_A2_A11		ZM_0211_A2_A11_MR
28015	ZM_0211_A2_A12	ZM_0211_A2_A12_T7C	
28016	ZM_0211_A2_A12		ZM_0211_A2_A12_MR
28017	ZM_0211_A2_B01	ZM_0211_A2_B01_T7C	
28018	ZM_0211_A2_B01		ZM_0211_A2_B01_MR
28019	ZM_0211_A2_B02	ZM_0211_A2_B02_T7C	
28020	ZM_0211_A2_B02		ZM_0211_A2_B02_MR
28021	ZM_0211_A2_B03	ZM_0211_A2_B03_T7C	
28022	ZM_0211_A2_B03		ZM_0211_A2_B03_MR
28023	ZM_0211_A2_B04	ZM_0211_A2_B04_T7C	
28024	ZM_0211_A2_B04		ZM_0211_A2_B04_MR
28025	ZM_0211_A2_B05	ZM_0211_A2_B05_T7C	
28026	ZM_0211_A2_B05		ZM_0211_A2_B05_MR
28027	ZM_0211_A2_B06	ZM_0211_A2_B06_T7C	
28028	ZM_0211_A2_B07	ZM_0211_A2_B07_T7C	
28029	ZM_0211_A2_B07		ZM_0211_A2_B07_MR
28030	ZM_0211_A2_B08	ZM_0211_A2_B08_T7C	
28031	ZM_0211_A2_B08		ZM_0211_A2_B08_MR
28032	ZM_0211_A2_B09		ZM_0211_A2_B09_MR
28033	ZM_0211_A2_B10	ZM_0211_A2_B10_T7C	
28034	ZM_0211_A2_B10		ZM_0211_A2_B10_MR
28035	ZM_0211_A2_B11	ZM_0211_A2_B11_T7C	
28036	ZM_0211_A2_B11		ZM_0211_A2_B11_MR
28037	ZM_0211_A2_B12		ZM_0211_A2_B12_MR
28038	ZM_0211_A2_C01	ZM_0211_A2_C01_T7C	
28039	ZM_0211_A2_C01		ZM_0211_A2_C01_MR
28040	ZM_0211_A2_C02	ZM_0211_A2_C02_T7C	
28041	ZM_0211_A2_C02		ZM_0211_A2_C02_MR
28042	ZM_0211_A2_C03	ZM_0211_A2_C03_T7C	
28043	ZM_0211_A2_C03		ZM_0211_A2_C03_MR
28044	ZM_0211_A2_C04	ZM_0211_A2_C04_T7C	
28045	ZM_0211_A2_C04		ZM_0211_A2_C04_MR
28046	ZM_0211_A2_C05	ZM_0211_A2_C05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28047	ZM_0211_A2_C05		ZM_0211_A2_C05_MR
28048	ZM_0211_A2_C06	ZM_0211_A2_C06_T7C	
28049	ZM_0211_A2_C06		ZM_0211_A2_C06_MR
28050	ZM_0211_A2_C07	ZM_0211_A2_C07_T7C	
28051	ZM_0211_A2_C07		ZM_0211_A2_C07_MR
28052	ZM_0211_A2_C08	ZM_0211_A2_C08_T7C	
28053	ZM_0211_A2_C08		ZM_0211_A2_C08_MR
28054	ZM_0211_A2_C09	ZM_0211_A2_C09_T7C	
28055	ZM_0211_A2_C09		ZM_0211_A2_C09_MR
28056	ZM_0211_A2_C10	ZM_0211_A2_C10_T7C	
28057	ZM_0211_A2_C10		ZM_0211_A2_C10_MR
28058	ZM_0211_A2_C11	ZM_0211_A2_C11_T7C	
28059	ZM_0211_A2_C11		ZM_0211_A2_C11_MR
28060	ZM_0211_A2_C12	ZM_0211_A2_C12_T7C	
28061	ZM_0211_A2_C12		ZM_0211_A2_C12_MR
28062	ZM_0211_A2_D01	ZM_0211_A2_D01_T7C	
28063	ZM_0211_A2_D01		ZM_0211_A2_D01_MR
28064	ZM_0211_A2_D02	ZM_0211_A2_D02_T7C	
28065	ZM_0211_A2_D02		ZM_0211_A2_D02_MR
28066	ZM_0211_A2_D03	ZM_0211_A2_D03_T7C	
28067	ZM_0211_A2_D03		ZM_0211_A2_D03_MR
28068	ZM_0211_A2_D04	ZM_0211_A2_D04_T7C	
28069	ZM_0211_A2_D04		ZM_0211_A2_D04_MR
28070	ZM_0211_A2_D05	ZM_0211_A2_D05_T7C	
28071	ZM_0211_A2_D05		ZM_0211_A2_D05_MR
28072	ZM_0211_A2_D06	ZM_0211_A2_D06_T7C	
28073	ZM_0211_A2_D06		ZM_0211_A2_D06_MR
28074	ZM_0211_A2_D07	ZM_0211_A2_D07_T7C	
28075	ZM_0211_A2_D07		ZM_0211_A2_D07_MR
28076	ZM_0211_A2_D08	ZM_0211_A2_D08_T7C	
28077	ZM_0211_A2_D08		ZM_0211_A2_D08_MR
28078	ZM_0211_A2_D09	ZM_0211_A2_D09_T7C	
28079	ZM_0211_A2_D09		ZM_0211_A2_D09_MR
28080	ZM_0211_A2_D10	ZM_0211_A2_D10_T7C	
28081	ZM_0211_A2_D10		ZM_0211_A2_D10_MR
28082	ZM_0211_A2_D11	ZM_0211_A2_D11_T7C	
28083	ZM_0211_A2_D11		ZM_0211_A2_D11_MR
28084	ZM_0211_A2_D12	ZM_0211_A2_D12_T7C	
28085	ZM_0211_A2_D12		ZM_0211_A2_D12_MR
28086	ZM_0211_A2_E01	ZM_0211_A2_E01_T7C	
28087	ZM_0211_A2_E01		ZM_0211_A2_E01_MR
28088	ZM_0211_A2_E02	ZM_0211_A2_E02_T7C	
28089	ZM_0211_A2_E02		ZM_0211_A2_E02_MR
28090	ZM_0211_A2_E03		ZM_0211_A2_E03_MR
28091	ZM_0211_A2_E04	ZM_0211_A2_E04_T7C	
28092	ZM_0211_A2_E04		ZM_0211_A2_E04_MR
28093	ZM_0211_A2_E05	ZM_0211_A2_E05_T7C	
28094	ZM_0211_A2_E06	ZM_0211_A2_E06_T7C	
28095	ZM_0211_A2_E06		ZM_0211_A2_E06_MR
28096	ZM_0211_A2_E07	ZM_0211_A2_E07_T7C	
28097	ZM_0211_A2_E07		ZM_0211_A2_E07_MR
28098	ZM_0211_A2_E08	ZM_0211_A2_E08_T7C	
28099	ZM_0211_A2_E08		ZM_0211_A2_E08_MR
28100	ZM_0211_A2_E09	ZM_0211_A2_E09_T7C	
28101	ZM_0211_A2_E09		ZM_0211_A2_E09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28102	ZM_0211_A2_E10	ZM_0211_A2_E10_T7C	
28103	ZM_0211_A2_E10		ZM_0211_A2_E10_MR
28104	ZM_0211_A2_E11	ZM_0211_A2_E11_T7C	
28105	ZM_0211_A2_E11		ZM_0211_A2_E11_MR
28106	ZM_0211_A2_E12	ZM_0211_A2_E12_T7C	
28107	ZM_0211_A2_E12		ZM_0211_A2_E12_MR
28108	ZM_0211_A2_F01	ZM_0211_A2_F01_T7C	
28109	ZM_0211_A2_F01		ZM_0211_A2_F01_MR
28110	ZM_0211_A2_F02	ZM_0211_A2_F02_T7C	
28111	ZM_0211_A2_F02		ZM_0211_A2_F02_MR
28112	ZM_0211_A2_F03	ZM_0211_A2_F03_T7C	
28113	ZM_0211_A2_F03		ZM_0211_A2_F03_MR
28114	ZM_0211_A2_F04	ZM_0211_A2_F04_T7C	
28115	ZM_0211_A2_F04		ZM_0211_A2_F04_MR
28116	ZM_0211_A2_F05	ZM_0211_A2_F05_T7C	
28117	ZM_0211_A2_F05		ZM_0211_A2_F05_MR
28118	ZM_0211_A2_F06	ZM_0211_A2_F06_T7C	
28119	ZM_0211_A2_F06		ZM_0211_A2_F06_MR
28120	ZM_0211_A2_F07	ZM_0211_A2_F07_T7C	
28121	ZM_0211_A2_F07		ZM_0211_A2_F07_MR
28122	ZM_0211_A2_F08	ZM_0211_A2_F08_T7C	
28123	ZM_0211_A2_F08		ZM_0211_A2_F08_MR
28124	ZM_0211_A2_F09	ZM_0211_A2_F09_T7C	
28125	ZM_0211_A2_F09		ZM_0211_A2_F09_MR
28126	ZM_0211_A2_F10	ZM_0211_A2_F10_T7C	
28127	ZM_0211_A2_F10		ZM_0211_A2_F10_MR
28128	ZM_0211_A2_F11	ZM_0211_A2_F11_T7C	
28129	ZM_0211_A2_F11		ZM_0211_A2_F11_MR
28130	ZM_0211_A2_F12	ZM_0211_A2_F12_T7C	
28131	ZM_0211_A2_F12		ZM_0211_A2_F12_MR
28132	ZM_0211_A2_G01	ZM_0211_A2_G01_T7C	
28133	ZM_0211_A2_G01		ZM_0211_A2_G01_MR
28134	ZM_0211_A2_G02	ZM_0211_A2_G02_T7C	
28135	ZM_0211_A2_G02		ZM_0211_A2_G02_MR
28136	ZM_0211_A2_G03	ZM_0211_A2_G03_T7C	
28137	ZM_0211_A2_G03		ZM_0211_A2_G03_MR
28138	ZM_0211_A2_G04	ZM_0211_A2_G04_T7C	
28139	ZM_0211_A2_G04		ZM_0211_A2_G04_MR
28140	ZM_0211_A2_G05	ZM_0211_A2_G05_T7C	
28141	ZM_0211_A2_G05		ZM_0211_A2_G05_MR
28142	ZM_0211_A2_G06	ZM_0211_A2_G06_T7C	
28143	ZM_0211_A2_G06		ZM_0211_A2_G06_MR
28144	ZM_0211_A2_G07	ZM_0211_A2_G07_T7C	
28145	ZM_0211_A2_G07		ZM_0211_A2_G07_MR
28146	ZM_0211_A2_G08	ZM_0211_A2_G08_T7C	
28147	ZM_0211_A2_G08		ZM_0211_A2_G08_MR
28148	ZM_0211_A2_G09	ZM_0211_A2_G09_T7C	
28149	ZM_0211_A2_G09		ZM_0211_A2_G09_MR
28150	ZM_0211_A2_G10	ZM_0211_A2_G10_T7C	
28151	ZM_0211_A2_G10		ZM_0211_A2_G10_MR
28152	ZM_0211_A2_G11	ZM_0211_A2_G11_T7C	
28153	ZM_0211_A2_G11		ZM_0211_A2_G11_MR
28154	ZM_0211_A2_G12	ZM_0211_A2_G12_T7C	
28155	ZM_0211_A2_G12		ZM_0211_A2_G12_MR
28156	ZM_0211_A2_H01	ZM_0211_A2_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28157	ZM_0211_A2_H01		ZM_0211_A2_H01_MR
28158	ZM_0211_A2_H02	ZM_0211_A2_H02_T7C	
28159	ZM_0211_A2_H02		ZM_0211_A2_H02_MR
28160	ZM_0211_A2_H03	ZM_0211_A2_H03_T7C	
28161	ZM_0211_A2_H04	ZM_0211_A2_H04_T7C	
28162	ZM_0211_A2_H04		ZM_0211_A2_H04_MR
28163	ZM_0211_A2_H05	ZM_0211_A2_H05_T7C	
28164	ZM_0211_A2_H05		ZM_0211_A2_H05_MR
28165	ZM_0211_A2_H06	ZM_0211_A2_H06_T7C	
28166	ZM_0211_A2_H06		ZM_0211_A2_H06_MR
28167	ZM_0211_A2_H07	ZM_0211_A2_H07_T7C	
28168	ZM_0211_A2_H07		ZM_0211_A2_H07_MR
28169	ZM_0211_A2_H08	ZM_0211_A2_H08_T7C	
28170	ZM_0211_A2_H08		ZM_0211_A2_H08_MR
28171	ZM_0211_A2_H09	ZM_0211_A2_H09_T7C	
28172	ZM_0211_A2_H09		ZM_0211_A2_H09_MR
28173	ZM_0211_A2_H10	ZM_0211_A2_H10_T7C	
28174	ZM_0211_A2_H10		ZM_0211_A2_H10_MR
28175	ZM_0211_A2_H11	ZM_0211_A2_H11_T7C	
28176	ZM_0211_A2_H11		ZM_0211_A2_H11_MR
28177	ZM_0211_A2_H12	ZM_0211_A2_H12_T7C	
28178	ZM_0211_A2_H12		ZM_0211_A2_H12_MR
28179	ZM_0211_B1_A01		ZM_0211_B1_A01_MR
28180	ZM_0211_B1_A02		ZM_0211_B1_A02_MR
28181	ZM_0211_B1_A04		ZM_0211_B1_A04_MR
28182	ZM_0211_B1_A05		ZM_0211_B1_A05_MR
28183	ZM_0211_B1_A08		ZM_0211_B1_A08_MR
28184	ZM_0211_B1_A09		ZM_0211_B1_A09_MR
28185	ZM_0211_B1_A10		ZM_0211_B1_A10_MR
28186	ZM_0211_B1_A12		ZM_0211_B1_A12_MR
28187	ZM_0211_B1_B01		ZM_0211_B1_B01_MR
28188	ZM_0211_B1_B02		ZM_0211_B1_B02_MR
28189	ZM_0211_B1_B03		ZM_0211_B1_B03_MR
28190	ZM_0211_B1_B05		ZM_0211_B1_B05_MR
28191	ZM_0211_B1_B08		ZM_0211_B1_B08_MR
28192	ZM_0211_B1_B09		ZM_0211_B1_B09_MR
28193	ZM_0211_B1_B10		ZM_0211_B1_B10_MR
28194	ZM_0211_B1_C03		ZM_0211_B1_C03_MR
28195	ZM_0211_B1_C04		ZM_0211_B1_C04_MR
28196	ZM_0211_B1_C06		ZM_0211_B1_C06_MR
28197	ZM_0211_B1_C07		ZM_0211_B1_C07_MR
28198	ZM_0211_B1_C08		ZM_0211_B1_C08_MR
28199	ZM_0211_B1_C09		ZM_0211_B1_C09_MR
28200	ZM_0211_B1_C10		ZM_0211_B1_C10_MR
28201	ZM_0211_B1_C12		ZM_0211_B1_C12_MR
28202	ZM_0211_B1_D02		ZM_0211_B1_D02_MR
28203	ZM_0211_B1_D03		ZM_0211_B1_D03_MR
28204	ZM_0211_B1_D04		ZM_0211_B1_D04_MR
28205	ZM_0211_B1_D05		ZM_0211_B1_D05_MR
28206	ZM_0211_B1_D06		ZM_0211_B1_D06_MR
28207	ZM_0211_B1_D08		ZM_0211_B1_D08_MR
28208	ZM_0211_B1_D09		ZM_0211_B1_D09_MR
28209	ZM_0211_B1_D10		ZM_0211_B1_D10_MR
28210	ZM_0211_B1_D11		ZM_0211_B1_D11_MR
28211	ZM_0211_B1_E02		ZM_0211_B1_E02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28212	ZM_0211_B1_E04		ZM_0211_B1_E04_MR
28213	ZM_0211_B1_E05		ZM_0211_B1_E05_MR
28214	ZM_0211_B1_E06		ZM_0211_B1_E06_MR
28215	ZM_0211_B1_E07		ZM_0211_B1_E07_MR
28216	ZM_0211_B1_E09		ZM_0211_B1_E09_MR
28217	ZM_0211_B1_E10		ZM_0211_B1_E10_MR
28218	ZM_0211_B1_E11		ZM_0211_B1_E11_MR
28219	ZM_0211_B1_E12		ZM_0211_B1_E12_MR
28220	ZM_0211_B1_F03		ZM_0211_B1_F03_MR
28221	ZM_0211_B1_F04		ZM_0211_B1_F04_MR
28222	ZM_0211_B1_F05		ZM_0211_B1_F05_MR
28223	ZM_0211_B1_F06		ZM_0211_B1_F06_MR
28224	ZM_0211_B1_F07		ZM_0211_B1_F07_MR
28225	ZM_0211_B1_F08		ZM_0211_B1_F08_MR
28226	ZM_0211_B1_F09		ZM_0211_B1_F09_MR
28227	ZM_0211_B1_F10		ZM_0211_B1_F10_MR
28228	ZM_0211_B1_F11		ZM_0211_B1_F11_MR
28229	ZM_0211_B1_F12		ZM_0211_B1_F12_MR
28230	ZM_0211_B1_G03		ZM_0211_B1_G03_MR
28231	ZM_0211_B1_G04		ZM_0211_B1_G04_MR
28232	ZM_0211_B1_G06		ZM_0211_B1_G06_MR
28233	ZM_0211_B1_G08		ZM_0211_B1_G08_MR
28234	ZM_0211_B1_G10		ZM_0211_B1_G10_MR
28235	ZM_0211_B1_G11		ZM_0211_B1_G11_MR
28236	ZM_0211_B1_G12		ZM_0211_B1_G12_MR
28237	ZM_0211_B1_H04		ZM_0211_B1_H04_MR
28238	ZM_0211_B1_H05		ZM_0211_B1_H05_MR
28239	ZM_0211_B1_H06		ZM_0211_B1_H06_MR
28240	ZM_0211_B1_H07		ZM_0211_B1_H07_MR
28241	ZM_0211_B1_H09		ZM_0211_B1_H09_MR
28242	ZM_0211_B1_H10		ZM_0211_B1_H10_MR
28243	ZM_0212_A1_A01	ZM_0212_A1_A01_T7C	
28244	ZM_0212_A1_A01		ZM_0212_A1_A01_MR
28245	ZM_0212_A1_A02	ZM_0212_A1_A02_T7C	
28246	ZM_0212_A1_A02		ZM_0212_A1_A02_MR
28247	ZM_0212_A1_A03		ZM_0212_A1_A03_MR
28248	ZM_0212_A1_A04	ZM_0212_A1_A04_T7C	
28249	ZM_0212_A1_A04		ZM_0212_A1_A04_MR
28250	ZM_0212_A1_A06	ZM_0212_A1_A06_T7C	
28251	ZM_0212_A1_A07	ZM_0212_A1_A07_T7C	
28252	ZM_0212_A1_A08	ZM_0212_A1_A08_T7C	
28253	ZM_0212_A1_A09	ZM_0212_A1_A09_T7C	
28254	ZM_0212_A1_A09		ZM_0212_A1_A09_MR
28255	ZM_0212_A1_A10	ZM_0212_A1_A10_T7C	
28256	ZM_0212_A1_A10		ZM_0212_A1_A10_MR
28257	ZM_0212_A1_A11	ZM_0212_A1_A11_T7C	
28258	ZM_0212_A1_A11		ZM_0212_A1_A11_MR
28259	ZM_0212_A1_A12	ZM_0212_A1_A12_T7C	
28260	ZM_0212_A1_A12		ZM_0212_A1_A12_MR
28261	ZM_0212_A1_B01	ZM_0212_A1_B01_T7C	
28262	ZM_0212_A1_B01		ZM_0212_A1_B01_MR
28263	ZM_0212_A1_B03	ZM_0212_A1_B03_T7C	
28264	ZM_0212_A1_B03		ZM_0212_A1_B03_MR
28265	ZM_0212_A1_B04	ZM_0212_A1_B04_T7C	
28266	ZM_0212_A1_B04		ZM_0212_A1_B04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28267	ZM_0212_A1_B05	ZM_0212_A1_B05_T7C	
28268	ZM_0212_A1_B05		ZM_0212_A1_B05_MR
28269	ZM_0212_A1_B06	ZM_0212_A1_B06_T7C	
28270	ZM_0212_A1_B07	ZM_0212_A1_B07_T7C	
28271	ZM_0212_A1_B07		ZM_0212_A1_B07_MR
28272	ZM_0212_A1_B08	ZM_0212_A1_B08_T7C	
28273	ZM_0212_A1_B08		ZM_0212_A1_B08_MR
28274	ZM_0212_A1_B09	ZM_0212_A1_B09_T7C	
28275	ZM_0212_A1_B09		ZM_0212_A1_B09_MR
28276	ZM_0212_A1_B10	ZM_0212_A1_B10_T7C	
28277	ZM_0212_A1_B10		ZM_0212_A1_B10_MR
28278	ZM_0212_A1_B11	ZM_0212_A1_B11_T7C	
28279	ZM_0212_A1_B11		ZM_0212_A1_B11_MR
28280	ZM_0212_A1_B12	ZM_0212_A1_B12_T7C	
28281	ZM_0212_A1_B12		ZM_0212_A1_B12_MR
28282	ZM_0212_A1_C01	ZM_0212_A1_C01_T7C	
28283	ZM_0212_A1_C01		ZM_0212_A1_C01_MR
28284	ZM_0212_A1_C02	ZM_0212_A1_C02_T7C	
28285	ZM_0212_A1_C02		ZM_0212_A1_C02_MR
28286	ZM_0212_A1_C03	ZM_0212_A1_C03_T7C	
28287	ZM_0212_A1_C03		ZM_0212_A1_C03_MR
28288	ZM_0212_A1_C04	ZM_0212_A1_C04_T7C	
28289	ZM_0212_A1_C04		ZM_0212_A1_C04_MR
28290	ZM_0212_A1_C05	ZM_0212_A1_C05_T7C	
28291	ZM_0212_A1_C05		ZM_0212_A1_C05_MR
28292	ZM_0212_A1_C06	ZM_0212_A1_C06_T7C	
28293	ZM_0212_A1_C06		ZM_0212_A1_C06_MR
28294	ZM_0212_A1_C07	ZM_0212_A1_C07_T7C	
28295	ZM_0212_A1_C07		ZM_0212_A1_C07_MR
28296	ZM_0212_A1_C08	ZM_0212_A1_C08_T7C	
28297	ZM_0212_A1_C08		ZM_0212_A1_C08_MR
28298	ZM_0212_A1_C09	ZM_0212_A1_C09_T7C	
28299	ZM_0212_A1_C09		ZM_0212_A1_C09_MR
28300	ZM_0212_A1_C10	ZM_0212_A1_C10_T7C	
28301	ZM_0212_A1_C10		ZM_0212_A1_C10_MR
28302	ZM_0212_A1_C11	ZM_0212_A1_C11_T7C	
28303	ZM_0212_A1_C11		ZM_0212_A1_C11_MR
28304	ZM_0212_A1_C12	ZM_0212_A1_C12_T7C	
28305	ZM_0212_A1_C12		ZM_0212_A1_C12_MR
28306	ZM_0212_A1_D01	ZM_0212_A1_D01_T7C	
28307	ZM_0212_A1_D01		ZM_0212_A1_D01_MR
28308	ZM_0212_A1_D02	ZM_0212_A1_D02_T7C	
28309	ZM_0212_A1_D02		ZM_0212_A1_D02_MR
28310	ZM_0212_A1_D03	ZM_0212_A1_D03_T7C	
28311	ZM_0212_A1_D03		ZM_0212_A1_D03_MR
28312	ZM_0212_A1_D05	ZM_0212_A1_D05_T7C	
28313	ZM_0212_A1_D05		ZM_0212_A1_D05_MR
28314	ZM_0212_A1_D06	ZM_0212_A1_D06_T7C	
28315	ZM_0212_A1_D06		ZM_0212_A1_D06_MR
28316	ZM_0212_A1_D07	ZM_0212_A1_D07_T7C	
28317	ZM_0212_A1_D07		ZM_0212_A1_D07_MR
28318	ZM_0212_A1_D08	ZM_0212_A1_D08_T7C	
28319	ZM_0212_A1_D08		ZM_0212_A1_D08_MR
28320	ZM_0212_A1_D09	ZM_0212_A1_D09_T7C	
28321	ZM_0212_A1_D09		ZM_0212_A1_D09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28322	ZM_0212_A1_D10	ZM_0212_A1_D10_T7C	
28323	ZM_0212_A1_D11	ZM_0212_A1_D11_T7C	
28324	ZM_0212_A1_D11		ZM_0212_A1_D11_MR
28325	ZM_0212_A1_D12	ZM_0212_A1_D12_T7C	
28326	ZM_0212_A1_D12		ZM_0212_A1_D12_MR
28327	ZM_0212_A1_E01	ZM_0212_A1_E01_T7C	
28328	ZM_0212_A1_E01		ZM_0212_A1_E01_MR
28329	ZM_0212_A1_E02	ZM_0212_A1_E02_T7C	
28330	ZM_0212_A1_E02		ZM_0212_A1_E02_MR
28331	ZM_0212_A1_E03	ZM_0212_A1_E03_T7C	
28332	ZM_0212_A1_E03		ZM_0212_A1_E03_MR
28333	ZM_0212_A1_E04	ZM_0212_A1_E04_T7C	
28334	ZM_0212_A1_E04		ZM_0212_A1_E04_MR
28335	ZM_0212_A1_E05	ZM_0212_A1_E05_T7C	
28336	ZM_0212_A1_E05		ZM_0212_A1_E05_MR
28337	ZM_0212_A1_E07		ZM_0212_A1_E07_MR
28338	ZM_0212_A1_E08	ZM_0212_A1_E08_T7C	
28339	ZM_0212_A1_E08		ZM_0212_A1_E08_MR
28340	ZM_0212_A1_E09	ZM_0212_A1_E09_T7C	
28341	ZM_0212_A1_E09		ZM_0212_A1_E09_MR
28342	ZM_0212_A1_E10	ZM_0212_A1_E10_T7C	
28343	ZM_0212_A1_E10		ZM_0212_A1_E10_MR
28344	ZM_0212_A1_E11	ZM_0212_A1_E11_T7C	
28345	ZM_0212_A1_E11		ZM_0212_A1_E11_MR
28346	ZM_0212_A1_E12	ZM_0212_A1_E12_T7C	
28347	ZM_0212_A1_E12		ZM_0212_A1_E12_MR
28348	ZM_0212_A1_F01	ZM_0212_A1_F01_T7C	
28349	ZM_0212_A1_F01		ZM_0212_A1_F01_MR
28350	ZM_0212_A1_F02	ZM_0212_A1_F02_T7C	
28351	ZM_0212_A1_F02		ZM_0212_A1_F02_MR
28352	ZM_0212_A1_F03	ZM_0212_A1_F03_T7C	
28353	ZM_0212_A1_F03		ZM_0212_A1_F03_MR
28354	ZM_0212_A1_F04	ZM_0212_A1_F04_T7C	
28355	ZM_0212_A1_F04		ZM_0212_A1_F04_MR
28356	ZM_0212_A1_F06	ZM_0212_A1_F06_T7C	
28357	ZM_0212_A1_F06		ZM_0212_A1_F06_MR
28358	ZM_0212_A1_F07	ZM_0212_A1_F07_T7C	
28359	ZM_0212_A1_F07		ZM_0212_A1_F07_MR
28360	ZM_0212_A1_F08	ZM_0212_A1_F08_T7C	
28361	ZM_0212_A1_F08		ZM_0212_A1_F08_MR
28362	ZM_0212_A1_F09	ZM_0212_A1_F09_T7C	
28363	ZM_0212_A1_F09		ZM_0212_A1_F09_MR
28364	ZM_0212_A1_F10	ZM_0212_A1_F10_T7C	
28365	ZM_0212_A1_F10		ZM_0212_A1_F10_MR
28366	ZM_0212_A1_F11	ZM_0212_A1_F11_T7C	
28367	ZM_0212_A1_F11		ZM_0212_A1_F11_MR
28368	ZM_0212_A1_F12	ZM_0212_A1_F12_T7C	
28369	ZM_0212_A1_F12		ZM_0212_A1_F12_MR
28370	ZM_0212_A1_G01	ZM_0212_A1_G01_T7C	
28371	ZM_0212_A1_G01		ZM_0212_A1_G01_MR
28372	ZM_0212_A1_G02	ZM_0212_A1_G02_T7C	
28373	ZM_0212_A1_G02		ZM_0212_A1_G02_MR
28374	ZM_0212_A1_G03	ZM_0212_A1_G03_T7C	
28375	ZM_0212_A1_G03		ZM_0212_A1_G03_MR
28376	ZM_0212_A1_G04	ZM_0212_A1_G04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28377	ZM_0212_A1_G04		ZM_0212_A1_G04_MR
28378	ZM_0212_A1_G05	ZM_0212_A1_G05_T7C	
28379	ZM_0212_A1_G05		ZM_0212_A1_G05_MR
28380	ZM_0212_A1_G06	ZM_0212_A1_G06_T7C	
28381	ZM_0212_A1_G06		ZM_0212_A1_G06_MR
28382	ZM_0212_A1_G07	ZM_0212_A1_G07_T7C	
28383	ZM_0212_A1_G07		ZM_0212_A1_G07_MR
28384	ZM_0212_A1_G08	ZM_0212_A1_G08_T7C	
28385	ZM_0212_A1_G08		ZM_0212_A1_G08_MR
28386	ZM_0212_A1_G09	ZM_0212_A1_G09_T7C	
28387	ZM_0212_A1_G09		ZM_0212_A1_G09_MR
28388	ZM_0212_A1_G10	ZM_0212_A1_G10_T7C	
28389	ZM_0212_A1_G10		ZM_0212_A1_G10_MR
28390	ZM_0212_A1_G11	ZM_0212_A1_G11_T7C	
28391	ZM_0212_A1_G11		ZM_0212_A1_G11_MR
28392	ZM_0212_A1_G12	ZM_0212_A1_G12_T7C	
28393	ZM_0212_A1_G12		ZM_0212_A1_G12_MR
28394	ZM_0212_A1_H01	ZM_0212_A1_H01_T7C	
28395	ZM_0212_A1_H01		ZM_0212_A1_H01_MR
28396	ZM_0212_A1_H02		ZM_0212_A1_H02_MR
28397	ZM_0212_A1_H03	ZM_0212_A1_H03_T7C	
28398	ZM_0212_A1_H03		ZM_0212_A1_H03_MR
28399	ZM_0212_A1_H05	ZM_0212_A1_H05_T7C	
28400	ZM_0212_A1_H05		ZM_0212_A1_H05_MR
28401	ZM_0212_A1_H06	ZM_0212_A1_H06_T7C	
28402	ZM_0212_A1_H06		ZM_0212_A1_H06_MR
28403	ZM_0212_A1_H07	ZM_0212_A1_H07_T7C	
28404	ZM_0212_A1_H07		ZM_0212_A1_H07_MR
28405	ZM_0212_A1_H08	ZM_0212_A1_H08_T7C	
28406	ZM_0212_A1_H08		ZM_0212_A1_H08_MR
28407	ZM_0212_A1_H09	ZM_0212_A1_H09_T7C	
28408	ZM_0212_A1_H09		ZM_0212_A1_H09_MR
28409	ZM_0212_A1_H10	ZM_0212_A1_H10_T7C	
28410	ZM_0212_A1_H10		ZM_0212_A1_H10_MR
28411	ZM_0212_A1_H11	ZM_0212_A1_H11_T7C	
28412	ZM_0212_A1_H11		ZM_0212_A1_H11_MR
28413	ZM_0212_A1_H12	ZM_0212_A1_H12_T7C	
28414	ZM_0212_A1_H12		ZM_0212_A1_H12_MR
28415	ZM_0212_A2_A02		ZM_0212_A2_A02_MR
28416	ZM_0212_A2_A03	ZM_0212_A2_A03_T7C	
28417	ZM_0212_A2_A03		ZM_0212_A2_A03_MR
28418	ZM_0212_A2_A04	ZM_0212_A2_A04_T7C	
28419	ZM_0212_A2_A04		ZM_0212_A2_A04_MR
28420	ZM_0212_A2_A05	ZM_0212_A2_A05_T7C	
28421	ZM_0212_A2_A05		ZM_0212_A2_A05_MR
28422	ZM_0212_A2_A06	ZM_0212_A2_A06_T7C	
28423	ZM_0212_A2_A06		ZM_0212_A2_A06_MR
28424	ZM_0212_A2_A07	ZM_0212_A2_A07_T7C	
28425	ZM_0212_A2_A07		ZM_0212_A2_A07_MR
28426	ZM_0212_A2_A08	ZM_0212_A2_A08_T7C	
28427	ZM_0212_A2_A08		ZM_0212_A2_A08_MR
28428	ZM_0212_A2_A09	ZM_0212_A2_A09_T7C	
28429	ZM_0212_A2_A09		ZM_0212_A2_A09_MR
28430	ZM_0212_A2_A10	ZM_0212_A2_A10_T7C	
28431	ZM_0212_A2_A10		ZM_0212_A2_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28432	ZM_0212_A2_A11	ZM_0212_A2_A11_T7C	
28433	ZM_0212_A2_A11		ZM_0212_A2_A11_MR
28434	ZM_0212_A2_A12	ZM_0212_A2_A12_T7C	
28435	ZM_0212_A2_A12		ZM_0212_A2_A12_MR
28436	ZM_0212_A2_B01	ZM_0212_A2_B01_T7C	
28437	ZM_0212_A2_B01		ZM_0212_A2_B01_MR
28438	ZM_0212_A2_B02		ZM_0212_A2_B02_MR
28439	ZM_0212_A2_B03	ZM_0212_A2_B03_T7C	
28440	ZM_0212_A2_B03		ZM_0212_A2_B03_MR
28441	ZM_0212_A2_B04	ZM_0212_A2_B04_T7C	
28442	ZM_0212_A2_B04		ZM_0212_A2_B04_MR
28443	ZM_0212_A2_B05	ZM_0212_A2_B05_T7C	
28444	ZM_0212_A2_B05		ZM_0212_A2_B05_MR
28445	ZM_0212_A2_B06	ZM_0212_A2_B06_T7C	
28446	ZM_0212_A2_B06		ZM_0212_A2_B06_MR
28447	ZM_0212_A2_B07		ZM_0212_A2_B07_MR
28448	ZM_0212_A2_B08	ZM_0212_A2_B08_T7C	
28449	ZM_0212_A2_B08		ZM_0212_A2_B08_MR
28450	ZM_0212_A2_B09	ZM_0212_A2_B09_T7C	
28451	ZM_0212_A2_B09		ZM_0212_A2_B09_MR
28452	ZM_0212_A2_B10		ZM_0212_A2_B10_MR
28453	ZM_0212_A2_B11	ZM_0212_A2_B11_T7C	
28454	ZM_0212_A2_B11		ZM_0212_A2_B11_MR
28455	ZM_0212_A2_B12	ZM_0212_A2_B12_T7C	
28456	ZM_0212_A2_B12		ZM_0212_A2_B12_MR
28457	ZM_0212_A2_C01	ZM_0212_A2_C01_T7C	
28458	ZM_0212_A2_C01		ZM_0212_A2_C01_MR
28459	ZM_0212_A2_C02	ZM_0212_A2_C02_T7C	
28460	ZM_0212_A2_C02		ZM_0212_A2_C02_MR
28461	ZM_0212_A2_C03	ZM_0212_A2_C03_T7C	
28462	ZM_0212_A2_C03		ZM_0212_A2_C03_MR
28463	ZM_0212_A2_C04	ZM_0212_A2_C04_T7C	
28464	ZM_0212_A2_C04		ZM_0212_A2_C04_MR
28465	ZM_0212_A2_C05	ZM_0212_A2_C05_T7C	
28466	ZM_0212_A2_C05		ZM_0212_A2_C05_MR
28467	ZM_0212_A2_C06	ZM_0212_A2_C06_T7C	
28468	ZM_0212_A2_C06		ZM_0212_A2_C06_MR
28469	ZM_0212_A2_C07		ZM_0212_A2_C07_MR
28470	ZM_0212_A2_C08	ZM_0212_A2_C08_T7C	
28471	ZM_0212_A2_C08		ZM_0212_A2_C08_MR
28472	ZM_0212_A2_C09	ZM_0212_A2_C09_T7C	
28473	ZM_0212_A2_C09		ZM_0212_A2_C09_MR
28474	ZM_0212_A2_C10	ZM_0212_A2_C10_T7C	
28475	ZM_0212_A2_C10		ZM_0212_A2_C10_MR
28476	ZM_0212_A2_C11	ZM_0212_A2_C11_T7C	
28477	ZM_0212_A2_C11		ZM_0212_A2_C11_MR
28478	ZM_0212_A2_C12	ZM_0212_A2_C12_T7C	
28479	ZM_0212_A2_C12		ZM_0212_A2_C12_MR
28480	ZM_0212_A2_D02	ZM_0212_A2_D02_T7C	
28481	ZM_0212_A2_D02		ZM_0212_A2_D02_MR
28482	ZM_0212_A2_D03	ZM_0212_A2_D03_T7C	
28483	ZM_0212_A2_D03		ZM_0212_A2_D03_MR
28484	ZM_0212_A2_D04	ZM_0212_A2_D04_T7C	
28485	ZM_0212_A2_D04		ZM_0212_A2_D04_MR
28486	ZM_0212_A2_D05	ZM_0212_A2_D05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28487	ZM_0212_A2_D05		ZM_0212_A2_D05_MR
28488	ZM_0212_A2_D07	ZM_0212_A2_D07_T7C	
28489	ZM_0212_A2_D07		ZM_0212_A2_D07_MR
28490	ZM_0212_A2_D08	ZM_0212_A2_D08_T7C	
28491	ZM_0212_A2_D08		ZM_0212_A2_D08_MR
28492	ZM_0212_A2_D09		ZM_0212_A2_D09_MR
28493	ZM_0212_A2_D10	ZM_0212_A2_D10_T7C	
28494	ZM_0212_A2_D10		ZM_0212_A2_D10_MR
28495	ZM_0212_A2_D11	ZM_0212_A2_D11_T7C	
28496	ZM_0212_A2_D11		ZM_0212_A2_D11_MR
28497	ZM_0212_A2_D12	ZM_0212_A2_D12_T7C	
28498	ZM_0212_A2_D12		ZM_0212_A2_D12_MR
28499	ZM_0212_A2_E01	ZM_0212_A2_E01_T7C	
28500	ZM_0212_A2_E01		ZM_0212_A2_E01_MR
28501	ZM_0212_A2_E02	ZM_0212_A2_E02_T7C	
28502	ZM_0212_A2_E02		ZM_0212_A2_E02_MR
28503	ZM_0212_A2_E03	ZM_0212_A2_E03_T7C	
28504	ZM_0212_A2_E03		ZM_0212_A2_E03_MR
28505	ZM_0212_A2_E04		ZM_0212_A2_E04_MR
28506	ZM_0212_A2_E05	ZM_0212_A2_E05_T7C	
28507	ZM_0212_A2_E05		ZM_0212_A2_E05_MR
28508	ZM_0212_A2_E06	ZM_0212_A2_E06_T7C	
28509	ZM_0212_A2_E06		ZM_0212_A2_E06_MR
28510	ZM_0212_A2_E07	ZM_0212_A2_E07_T7C	
28511	ZM_0212_A2_E07		ZM_0212_A2_E07_MR
28512	ZM_0212_A2_E08	ZM_0212_A2_E08_T7C	
28513	ZM_0212_A2_E08		ZM_0212_A2_E08_MR
28514	ZM_0212_A2_E09	ZM_0212_A2_E09_T7C	
28515	ZM_0212_A2_E09		ZM_0212_A2_E09_MR
28516	ZM_0212_A2_E10	ZM_0212_A2_E10_T7C	
28517	ZM_0212_A2_E10		ZM_0212_A2_E10_MR
28518	ZM_0212_A2_E11	ZM_0212_A2_E11_T7C	
28519	ZM_0212_A2_E11		ZM_0212_A2_E11_MR
28520	ZM_0212_A2_E12		ZM_0212_A2_E12_MR
28521	ZM_0212_A2_F01	ZM_0212_A2_F01_T7C	
28522	ZM_0212_A2_F02	ZM_0212_A2_F02_T7C	
28523	ZM_0212_A2_F02		ZM_0212_A2_F02_MR
28524	ZM_0212_A2_F03	ZM_0212_A2_F03_T7C	
28525	ZM_0212_A2_F03		ZM_0212_A2_F03_MR
28526	ZM_0212_A2_F04	ZM_0212_A2_F04_T7C	
28527	ZM_0212_A2_F04		ZM_0212_A2_F04_MR
28528	ZM_0212_A2_F05		ZM_0212_A2_F05_MR
28529	ZM_0212_A2_F06	ZM_0212_A2_F06_T7C	
28530	ZM_0212_A2_F06		ZM_0212_A2_F06_MR
28531	ZM_0212_A2_F07	ZM_0212_A2_F07_T7C	
28532	ZM_0212_A2_F07		ZM_0212_A2_F07_MR
28533	ZM_0212_A2_F08	ZM_0212_A2_F08_T7C	
28534	ZM_0212_A2_F08		ZM_0212_A2_F08_MR
28535	ZM_0212_A2_F09	ZM_0212_A2_F09_T7C	
28536	ZM_0212_A2_F09		ZM_0212_A2_F09_MR
28537	ZM_0212_A2_F10	ZM_0212_A2_F10_T7C	
28538	ZM_0212_A2_F10		ZM_0212_A2_F10_MR
28539	ZM_0212_A2_F11	ZM_0212_A2_F11_T7C	
28540	ZM_0212_A2_F11		ZM_0212_A2_F11_MR
28541	ZM_0212_A2_F12	ZM_0212_A2_F12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28542	ZM_0212_A2_F12		ZM_0212_A2_F12_MR
28543	ZM_0212_A2_G01	ZM_0212_A2_G01_T7C	
28544	ZM_0212_A2_G01		ZM_0212_A2_G01_MR
28545	ZM_0212_A2_G02	ZM_0212_A2_G02_T7C	
28546	ZM_0212_A2_G02		ZM_0212_A2_G02_MR
28547	ZM_0212_A2_G03	ZM_0212_A2_G03_T7C	
28548	ZM_0212_A2_G03		ZM_0212_A2_G03_MR
28549	ZM_0212_A2_G04	ZM_0212_A2_G04_T7C	
28550	ZM_0212_A2_G04		ZM_0212_A2_G04_MR
28551	ZM_0212_A2_G05	ZM_0212_A2_G05_T7C	
28552	ZM_0212_A2_G05		ZM_0212_A2_G05_MR
28553	ZM_0212_A2_G06	ZM_0212_A2_G06_T7C	
28554	ZM_0212_A2_G06		ZM_0212_A2_G06_MR
28555	ZM_0212_A2_G07	ZM_0212_A2_G07_T7C	
28556	ZM_0212_A2_G07		ZM_0212_A2_G07_MR
28557	ZM_0212_A2_G08	ZM_0212_A2_G08_T7C	
28558	ZM_0212_A2_G08		ZM_0212_A2_G08_MR
28559	ZM_0212_A2_G09	ZM_0212_A2_G09_T7C	
28560	ZM_0212_A2_G09		ZM_0212_A2_G09_MR
28561	ZM_0212_A2_G10	ZM_0212_A2_G10_T7C	
28562	ZM_0212_A2_G10		ZM_0212_A2_G10_MR
28563	ZM_0212_A2_G11	ZM_0212_A2_G11_T7C	
28564	ZM_0212_A2_G11		ZM_0212_A2_G11_MR
28565	ZM_0212_A2_G12	ZM_0212_A2_G12_T7C	
28566	ZM_0212_A2_G12		ZM_0212_A2_G12_MR
28567	ZM_0212_A2_H03		ZM_0212_A2_H03_MR
28568	ZM_0212_A2_H04	ZM_0212_A2_H04_T7C	
28569	ZM_0212_A2_H04		ZM_0212_A2_H04_MR
28570	ZM_0212_A2_H05	ZM_0212_A2_H05_T7C	
28571	ZM_0212_A2_H05		ZM_0212_A2_H05_MR
28572	ZM_0212_A2_H06	ZM_0212_A2_H06_T7C	
28573	ZM_0212_A2_H06		ZM_0212_A2_H06_MR
28574	ZM_0212_A2_H07	ZM_0212_A2_H07_T7C	
28575	ZM_0212_A2_H07		ZM_0212_A2_H07_MR
28576	ZM_0212_A2_H08	ZM_0212_A2_H08_T7C	
28577	ZM_0212_A2_H08		ZM_0212_A2_H08_MR
28578	ZM_0212_A2_H09	ZM_0212_A2_H09_T7C	
28579	ZM_0212_A2_H09		ZM_0212_A2_H09_MR
28580	ZM_0212_A2_H10	ZM_0212_A2_H10_T7C	
28581	ZM_0212_A2_H10		ZM_0212_A2_H10_MR
28582	ZM_0212_A2_H11	ZM_0212_A2_H11_T7C	
28583	ZM_0212_A2_H11		ZM_0212_A2_H11_MR
28584	ZM_0212_A2_H12	ZM_0212_A2_H12_T7C	
28585	ZM_0212_A2_H12		ZM_0212_A2_H12_MR
28586	ZM_0212_B1_A01	ZM_0212_B1_A01_MF	
28587	ZM_0212_B1_A02	ZM_0212_B1_A02_MF	
28588	ZM_0212_B1_A03	ZM_0212_B1_A03_MF	
28589	ZM_0212_B1_A04	ZM_0212_B1_A04_MF	
28590	ZM_0212_B1_A05	ZM_0212_B1_A05_MF	
28591	ZM_0212_B1_A07	ZM_0212_B1_A07_MF	
28592	ZM_0212_B1_A09	ZM_0212_B1_A09_MF	
28593	ZM_0212_B1_A10	ZM_0212_B1_A10_MF	
28594	ZM_0212_B1_A11	ZM_0212_B1_A11_MF	
28595	ZM_0212_B1_B01	ZM_0212_B1_B01_MF	
28596	ZM_0212_B1_B02	ZM_0212_B1_B02_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28597	ZM_0212_B1_B03	ZM_0212_B1_B03_MF	
28598	ZM_0212_B1_B04	ZM_0212_B1_B04_MF	
28599	ZM_0212_B1_B05	ZM_0212_B1_B05_MF	
28600	ZM_0212_B1_B06	ZM_0212_B1_B06_MF	
28601	ZM_0212_B1_B07	ZM_0212_B1_B07_MF	
28602	ZM_0212_B1_B08	ZM_0212_B1_B08_MF	
28603	ZM_0212_B1_B09	ZM_0212_B1_B09_MF	
28604	ZM_0212_B1_B10	ZM_0212_B1_B10_MF	
28605	ZM_0212_B1_B11	ZM_0212_B1_B11_MF	
28606	ZM_0212_B1_B12	ZM_0212_B1_B12_MF	
28607	ZM_0212_B1_C02	ZM_0212_B1_C02_MF	
28608	ZM_0212_B1_C03	ZM_0212_B1_C03_MF	
28609	ZM_0212_B1_C05	ZM_0212_B1_C05_MF	
28610	ZM_0212_B1_C06	ZM_0212_B1_C06_MF	
28611	ZM_0212_B1_C07	ZM_0212_B1_C07_MF	
28612	ZM_0212_B1_C08	ZM_0212_B1_C08_MF	
28613	ZM_0212_B1_C09	ZM_0212_B1_C09_MF	
28614	ZM_0212_B1_C10	ZM_0212_B1_C10_MF	
28615	ZM_0212_B1_C11	ZM_0212_B1_C11_MF	
28616	ZM_0212_B1_C12	ZM_0212_B1_C12_MF	
28617	ZM_0212_B1_D01	ZM_0212_B1_D01_MF	
28618	ZM_0212_B1_D02	ZM_0212_B1_D02_MF	
28619	ZM_0212_B1_D03	ZM_0212_B1_D03_MF	
28620	ZM_0212_B1_D04	ZM_0212_B1_D04_MF	
28621	ZM_0212_B1_D05	ZM_0212_B1_D05_MF	
28622	ZM_0212_B1_D06	ZM_0212_B1_D06_MF	
28623	ZM_0212_B1_D07	ZM_0212_B1_D07_MF	
28624	ZM_0212_B1_D08	ZM_0212_B1_D08_MF	
28625	ZM_0212_B1_D09	ZM_0212_B1_D09_MF	
28626	ZM_0212_B1_D10	ZM_0212_B1_D10_MF	
28627	ZM_0212_B1_D11	ZM_0212_B1_D11_MF	
28628	ZM_0212_B1_D12	ZM_0212_B1_D12_MF	
28629	ZM_0212_B1_E01	ZM_0212_B1_E01_MF	
28630	ZM_0212_B1_E02	ZM_0212_B1_E02_MF	
28631	ZM_0212_B1_E03	ZM_0212_B1_E03_MF	
28632	ZM_0212_B1_E04	ZM_0212_B1_E04_MF	
28633	ZM_0212_B1_E05	ZM_0212_B1_E05_MF	
28634	ZM_0212_B1_E07	ZM_0212_B1_E07_MF	
28635	ZM_0212_B1_E08	ZM_0212_B1_E08_MF	
28636	ZM_0212_B1_E09	ZM_0212_B1_E09_MF	
28637	ZM_0212_B1_E10	ZM_0212_B1_E10_MF	
28638	ZM_0212_B1_E11	ZM_0212_B1_E11_MF	
28639	ZM_0212_B1_E12	ZM_0212_B1_E12_MF	
28640	ZM_0212_B1_F01	ZM_0212_B1_F01_MF	
28641	ZM_0212_B1_F02	ZM_0212_B1_F02_MF	
28642	ZM_0212_B1_F04	ZM_0212_B1_F04_MF	
28643	ZM_0212_B1_F05	ZM_0212_B1_F05_MF	
28644	ZM_0212_B1_F07	ZM_0212_B1_F07_MF	
28645	ZM_0212_B1_F08	ZM_0212_B1_F08_MF	
28646	ZM_0212_B1_F09	ZM_0212_B1_F09_MF	
28647	ZM_0212_B1_F10	ZM_0212_B1_F10_MF	
28648	ZM_0212_B1_F11	ZM_0212_B1_F11_MF	
28649	ZM_0212_B1_F12	ZM_0212_B1_F12_MF	
28650	ZM_0212_B1_G03	ZM_0212_B1_G03_MF	
28651	ZM_0212_B1_G04	ZM_0212_B1_G04_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28652	ZM_0212_B1_G05	ZM_0212_B1_G05_MF	
28653	ZM_0212_B1_G07	ZM_0212_B1_G07_MF	
28654	ZM_0212_B1_G08	ZM_0212_B1_G08_MF	
28655	ZM_0212_B1_G09	ZM_0212_B1_G09_MF	
28656	ZM_0212_B1_G10	ZM_0212_B1_G10_MF	
28657	ZM_0212_B1_G11	ZM_0212_B1_G11_MF	
28658	ZM_0212_B1_G12	ZM_0212_B1_G12_MF	
28659	ZM_0212_B1_H01	ZM_0212_B1_H01_MF	
28660	ZM_0212_B1_H02	ZM_0212_B1_H02_MF	
28661	ZM_0212_B1_H03	ZM_0212_B1_H03_MF	
28662	ZM_0212_B1_H04	ZM_0212_B1_H04_MF	
28663	ZM_0212_B1_H05	ZM_0212_B1_H05_MF	
28664	ZM_0212_B1_H06	ZM_0212_B1_H06_MF	
28665	ZM_0212_B1_H07	ZM_0212_B1_H07_MF	
28666	ZM_0212_B1_H08	ZM_0212_B1_H08_MF	
28667	ZM_0212_B1_H09	ZM_0212_B1_H09_MF	
28668	ZM_0212_B1_H10	ZM_0212_B1_H10_MF	
28669	ZM_0212_B1_H11	ZM_0212_B1_H11_MF	
28670	ZM_0212_B1_H12	ZM_0212_B1_H12_MF	
28671	ZM_0212_B2_A01		ZM_0212_B2_A01_MR
28672	ZM_0212_B2_A02		ZM_0212_B2_A02_MR
28673	ZM_0212_B2_A03		ZM_0212_B2_A03_MR
28674	ZM_0212_B2_A04		ZM_0212_B2_A04_MR
28675	ZM_0212_B2_A05		ZM_0212_B2_A05_MR
28676	ZM_0212_B2_A06		ZM_0212_B2_A06_MR
28677	ZM_0212_B2_A07		ZM_0212_B2_A07_MR
28678	ZM_0212_B2_A10		ZM_0212_B2_A10_MR
28679	ZM_0212_B2_A11		ZM_0212_B2_A11_MR
28680	ZM_0212_B2_B01		ZM_0212_B2_B01_MR
28681	ZM_0212_B2_B02		ZM_0212_B2_B02_MR
28682	ZM_0212_B2_B03		ZM_0212_B2_B03_MR
28683	ZM_0212_B2_B04		ZM_0212_B2_B04_MR
28684	ZM_0212_B2_B05		ZM_0212_B2_B05_MR
28685	ZM_0212_B2_B06		ZM_0212_B2_B06_MR
28686	ZM_0212_B2_B07		ZM_0212_B2_B07_MR
28687	ZM_0212_B2_B08		ZM_0212_B2_B08_MR
28688	ZM_0212_B2_B10		ZM_0212_B2_B10_MR
28689	ZM_0212_B2_B11		ZM_0212_B2_B11_MR
28690	ZM_0212_B2_B12		ZM_0212_B2_B12_MR
28691	ZM_0212_B2_C01		ZM_0212_B2_C01_MR
28692	ZM_0212_B2_C02		ZM_0212_B2_C02_MR
28693	ZM_0212_B2_C04		ZM_0212_B2_C04_MR
28694	ZM_0212_B2_C05		ZM_0212_B2_C05_MR
28695	ZM_0212_B2_C07		ZM_0212_B2_C07_MR
28696	ZM_0212_B2_C10		ZM_0212_B2_C10_MR
28697	ZM_0212_B2_D01		ZM_0212_B2_D01_MR
28698	ZM_0212_B2_D02		ZM_0212_B2_D02_MR
28699	ZM_0212_B2_D03		ZM_0212_B2_D03_MR
28700	ZM_0212_B2_D04		ZM_0212_B2_D04_MR
28701	ZM_0212_B2_D05		ZM_0212_B2_D05_MR
28702	ZM_0212_B2_D06		ZM_0212_B2_D06_MR
28703	ZM_0212_B2_D07		ZM_0212_B2_D07_MR
28704	ZM_0212_B2_D08		ZM_0212_B2_D08_MR
28705	ZM_0212_B2_D09		ZM_0212_B2_D09_MR
28706	ZM_0212_B2_D10		ZM_0212_B2_D10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28707	ZM_0212_B2_D11		ZM_0212_B2_D11_MR
28708	ZM_0212_B2_D12		ZM_0212_B2_D12_MR
28709	ZM_0212_B2_E01		ZM_0212_B2_E01_MR
28710	ZM_0212_B2_E02		ZM_0212_B2_E02_MR
28711	ZM_0212_B2_E03		ZM_0212_B2_E03_MR
28712	ZM_0212_B2_E04		ZM_0212_B2_E04_MR
28713	ZM_0212_B2_E05		ZM_0212_B2_E05_MR
28714	ZM_0212_B2_E06		ZM_0212_B2_E06_MR
28715	ZM_0212_B2_E07		ZM_0212_B2_E07_MR
28716	ZM_0212_B2_E09		ZM_0212_B2_E09_MR
28717	ZM_0212_B2_E10		ZM_0212_B2_E10_MR
28718	ZM_0212_B2_E11		ZM_0212_B2_E11_MR
28719	ZM_0212_B2_F01		ZM_0212_B2_F01_MR
28720	ZM_0212_B2_F02		ZM_0212_B2_F02_MR
28721	ZM_0212_B2_F03		ZM_0212_B2_F03_MR
28722	ZM_0212_B2_F04		ZM_0212_B2_F04_MR
28723	ZM_0212_B2_F05		ZM_0212_B2_F05_MR
28724	ZM_0212_B2_F06		ZM_0212_B2_F06_MR
28725	ZM_0212_B2_F08		ZM_0212_B2_F08_MR
28726	ZM_0212_B2_F09		ZM_0212_B2_F09_MR
28727	ZM_0212_B2_F10		ZM_0212_B2_F10_MR
28728	ZM_0212_B2_F11		ZM_0212_B2_F11_MR
28729	ZM_0212_B2_F12		ZM_0212_B2_F12_MR
28730	ZM_0212_B2_G01		ZM_0212_B2_G01_MR
28731	ZM_0212_B2_G02		ZM_0212_B2_G02_MR
28732	ZM_0212_B2_G03		ZM_0212_B2_G03_MR
28733	ZM_0212_B2_G04		ZM_0212_B2_G04_MR
28734	ZM_0212_B2_G05		ZM_0212_B2_G05_MR
28735	ZM_0212_B2_G06		ZM_0212_B2_G06_MR
28736	ZM_0212_B2_G07		ZM_0212_B2_G07_MR
28737	ZM_0212_B2_G08		ZM_0212_B2_G08_MR
28738	ZM_0212_B2_G09		ZM_0212_B2_G09_MR
28739	ZM_0212_B2_G12		ZM_0212_B2_G12_MR
28740	ZM_0212_B2_H01		ZM_0212_B2_H01_MR
28741	ZM_0212_B2_H02		ZM_0212_B2_H02_MR
28742	ZM_0212_B2_H03		ZM_0212_B2_H03_MR
28743	ZM_0212_B2_H04		ZM_0212_B2_H04_MR
28744	ZM_0212_B2_H06		ZM_0212_B2_H06_MR
28745	ZM_0212_B2_H07		ZM_0212_B2_H07_MR
28746	ZM_0212_B2_H08		ZM_0212_B2_H08_MR
28747	ZM_0212_B2_H09		ZM_0212_B2_H09_MR
28748	ZM_0212_B2_H10		ZM_0212_B2_H10_MR
28749	ZM_0212_B2_H11		ZM_0212_B2_H11_MR
28750	ZM_0212_B2_H12		ZM_0212_B2_H12_MR
28751	ZM_021_A1_A01	ZM_021_A1_A01_T7C	ZM_021_A1_A01_MR
28752	ZM_021_A1_A01		ZM_021_A1_A02_MR
28753	ZM_021_A1_A02		
28754	ZM_021_A1_A03	ZM_021_A1_A03_T7C	ZM_021_A1_A03_MR
28755	ZM_021_A1_A03		
28756	ZM_021_A1_A04	ZM_021_A1_A04_T7C	ZM_021_A1_A04_MR
28757	ZM_021_A1_A04		
28758	ZM_021_A1_A05	ZM_021_A1_A05_T7C	ZM_021_A1_A05_MR
28759	ZM_021_A1_A05		
28760	ZM_021_A1_A06	ZM_021_A1_A06_T7C	ZM_021_A1_A06_MR
28761	ZM_021_A1_A06		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28762	ZM_021_A1_A07	ZM_021_A1_A07_T7C	
28763	ZM_021_A1_A07		ZM_021_A1_A07_MR
28764	ZM_021_A1_A08	ZM_021_A1_A08_T7C	
28765	ZM_021_A1_A09	ZM_021_A1_A09_T7C	
28766	ZM_021_A1_A10		ZM_021_A1_A10_MR
28767	ZM_021_A1_A11	ZM_021_A1_A11_T7C	
28768	ZM_021_A1_A11		ZM_021_A1_A11_MR
28769	ZM_021_A1_A12	ZM_021_A1_A12_T7C	
28770	ZM_021_A1_A12		ZM_021_A1_A12_MR
28771	ZM_021_A1_B01	ZM_021_A1_B01_T7C	
28772	ZM_021_A1_B01		ZM_021_A1_B01_MR
28773	ZM_021_A1_B02	ZM_021_A1_B02_T7C	
28774	ZM_021_A1_B02		ZM_021_A1_B02_MR
28775	ZM_021_A1_B03	ZM_021_A1_B03_T7C	
28776	ZM_021_A1_B04	ZM_021_A1_B04_T7C	
28777	ZM_021_A1_B04		ZM_021_A1_B04_MR
28778	ZM_021_A1_B05	ZM_021_A1_B05_T7C	
28779	ZM_021_A1_B07		ZM_021_A1_B07_MR
28780	ZM_021_A1_B08	ZM_021_A1_B08_T7C	
28781	ZM_021_A1_B09	ZM_021_A1_B09_T7C	
28782	ZM_021_A1_B09		ZM_021_A1_B09_MR
28783	ZM_021_A1_B10	ZM_021_A1_B10_T7C	
28784	ZM_021_A1_B11	ZM_021_A1_B11_T7C	
28785	ZM_021_A1_B11		ZM_021_A1_B11_MR
28786	ZM_021_A1_B12	ZM_021_A1_B12_T7C	
28787	ZM_021_A1_B12		ZM_021_A1_B12_MR
28788	ZM_021_A1_C01	ZM_021_A1_C01_T7C	
28789	ZM_021_A1_C01		ZM_021_A1_C01_MR
28790	ZM_021_A1_C02	ZM_021_A1_C02_T7C	
28791	ZM_021_A1_C02		ZM_021_A1_C02_MR
28792	ZM_021_A1_C03	ZM_021_A1_C03_T7C	
28793	ZM_021_A1_C04	ZM_021_A1_C04_T7C	
28794	ZM_021_A1_C04		ZM_021_A1_C04_MR
28795	ZM_021_A1_C05	ZM_021_A1_C05_T7C	
28796	ZM_021_A1_C05		ZM_021_A1_C05_MR
28797	ZM_021_A1_C07	ZM_021_A1_C07_T7C	
28798	ZM_021_A1_C07		ZM_021_A1_C07_MR
28799	ZM_021_A1_C08	ZM_021_A1_C08_T7C	
28800	ZM_021_A1_C09	ZM_021_A1_C09_T7C	
28801	ZM_021_A1_C10		ZM_021_A1_C10_MR
28802	ZM_021_A1_C11	ZM_021_A1_C11_T7C	
28803	ZM_021_A1_C11		ZM_021_A1_C11_MR
28804	ZM_021_A1_C12		ZM_021_A1_C12_MR
28805	ZM_021_A1_D01	ZM_021_A1_D01_T7C	
28806	ZM_021_A1_D01		ZM_021_A1_D01_MR
28807	ZM_021_A1_D02	ZM_021_A1_D02_T7C	
28808	ZM_021_A1_D02		ZM_021_A1_D02_MR
28809	ZM_021_A1_D03	ZM_021_A1_D03_T7C	
28810	ZM_021_A1_D03		ZM_021_A1_D03_MR
28811	ZM_021_A1_D04	ZM_021_A1_D04_T7C	
28812	ZM_021_A1_D04		ZM_021_A1_D04_MR
28813	ZM_021_A1_D05	ZM_021_A1_D05_T7C	
28814	ZM_021_A1_D05		ZM_021_A1_D05_MR
28815	ZM_021_A1_D06		ZM_021_A1_D06_MR
28816	ZM_021_A1_D07	ZM_021_A1_D07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28817	ZM_021_A1_D07		ZM_021_A1_D07_MR
28818	ZM_021_A1_D08		ZM_021_A1_D08_MR
28819	ZM_021_A1_D09	ZM_021_A1_D09_T7C	
28820	ZM_021_A1_D09		ZM_021_A1_D09_MR
28821	ZM_021_A1_D10	ZM_021_A1_D10_T7C	
28822	ZM_021_A1_D10		ZM_021_A1_D10_MR
28823	ZM_021_A1_D11	ZM_021_A1_D11_T7C	
28824	ZM_021_A1_D11		ZM_021_A1_D11_MR
28825	ZM_021_A1_D12	ZM_021_A1_D12_T7C	
28826	ZM_021_A1_D12		ZM_021_A1_D12_MR
28827	ZM_021_A1_E01	ZM_021_A1_E01_T7C	
28828	ZM_021_A1_E01		ZM_021_A1_E01_MR
28829	ZM_021_A1_E02		ZM_021_A1_E02_MR
28830	ZM_021_A1_E04		ZM_021_A1_E04_MR
28831	ZM_021_A1_E05	ZM_021_A1_E05_T7C	
28832	ZM_021_A1_E05		ZM_021_A1_E05_MR
28833	ZM_021_A1_E06	ZM_021_A1_E06_T7C	
28834	ZM_021_A1_E06		ZM_021_A1_E06_MR
28835	ZM_021_A1_E07		ZM_021_A1_E07_MR
28836	ZM_021_A1_E08	ZM_021_A1_E08_T7C	
28837	ZM_021_A1_E08		ZM_021_A1_E08_MR
28838	ZM_021_A1_E09	ZM_021_A1_E09_T7C	
28839	ZM_021_A1_E10	ZM_021_A1_E10_T7C	
28840	ZM_021_A1_E11	ZM_021_A1_E11_T7C	
28841	ZM_021_A1_E11		ZM_021_A1_E11_MR
28842	ZM_021_A1_E12	ZM_021_A1_E12_T7C	
28843	ZM_021_A1_E12		ZM_021_A1_E12_MR
28844	ZM_021_A1_F01	ZM_021_A1_F01_T7C	
28845	ZM_021_A1_F01		ZM_021_A1_F01_MR
28846	ZM_021_A1_F02	ZM_021_A1_F02_T7C	
28847	ZM_021_A1_F02		ZM_021_A1_F02_MR
28848	ZM_021_A1_F03		ZM_021_A1_F03_MR
28849	ZM_021_A1_F04	ZM_021_A1_F04_T7C	
28850	ZM_021_A1_F04		ZM_021_A1_F04_MR
28851	ZM_021_A1_F05		ZM_021_A1_F05_MR
28852	ZM_021_A1_F06	ZM_021_A1_F06_T7C	
28853	ZM_021_A1_F06		ZM_021_A1_F06_MR
28854	ZM_021_A1_F07	ZM_021_A1_F07_T7C	
28855	ZM_021_A1_F07		ZM_021_A1_F07_MR
28856	ZM_021_A1_F08	ZM_021_A1_F08_T7C	
28857	ZM_021_A1_F08		ZM_021_A1_F08_MR
28858	ZM_021_A1_F10	ZM_021_A1_F10_T7C	
28859	ZM_021_A1_F10		ZM_021_A1_F10_MR
28860	ZM_021_A1_F11	ZM_021_A1_F11_T7C	
28861	ZM_021_A1_F12	ZM_021_A1_F12_T7C	
28862	ZM_021_A1_F12		ZM_021_A1_F12_MR
28863	ZM_021_A1_G01	ZM_021_A1_G01_T7C	
28864	ZM_021_A1_G01		ZM_021_A1_G01_MR
28865	ZM_021_A1_G03	ZM_021_A1_G03_T7C	
28866	ZM_021_A1_G04		ZM_021_A1_G04_MR
28867	ZM_021_A1_G05		ZM_021_A1_G05_MR
28868	ZM_021_A1_G06	ZM_021_A1_G06_T7C	
28869	ZM_021_A1_G06		ZM_021_A1_G06_MR
28870	ZM_021_A1_G07	ZM_021_A1_G07_T7C	
28871	ZM_021_A1_G07		ZM_021_A1_G07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28872	ZM_021_A1_G08	ZM_021_A1_G08_T7C	
28873	ZM_021_A1_G08		ZM_021_A1_G08_MR
28874	ZM_021_A1_G09	ZM_021_A1_G09_T7C	
28875	ZM_021_A1_G09		ZM_021_A1_G09_MR
28876	ZM_021_A1_G10	ZM_021_A1_G10_T7C	
28877	ZM_021_A1_G10		ZM_021_A1_G10_MR
28878	ZM_021_A1_G11	ZM_021_A1_G11_T7C	
28879	ZM_021_A1_G11		ZM_021_A1_G11_MR
28880	ZM_021_A1_G12	ZM_021_A1_G12_T7C	
28881	ZM_021_A1_H01	ZM_021_A1_H01_T7C	
28882	ZM_021_A1_H01		ZM_021_A1_H01_MR
28883	ZM_021_A1_H02	ZM_021_A1_H02_T7C	
28884	ZM_021_A1_H02		ZM_021_A1_H02_MR
28885	ZM_021_A1_H03	ZM_021_A1_H03_T7C	
28886	ZM_021_A1_H03		ZM_021_A1_H03_MR
28887	ZM_021_A1_H04	ZM_021_A1_H04_T7C	
28888	ZM_021_A1_H04		ZM_021_A1_H04_MR
28889	ZM_021_A1_H05		ZM_021_A1_H05_MR
28890	ZM_021_A1_H06		ZM_021_A1_H06_MR
28891	ZM_021_A1_H07	ZM_021_A1_H07_T7C	
28892	ZM_021_A1_H07		ZM_021_A1_H07_MR
28893	ZM_021_A1_H08	ZM_021_A1_H08_T7C	
28894	ZM_021_A1_H09	ZM_021_A1_H09_T7C	
28895	ZM_021_A1_H09		ZM_021_A1_H09_MR
28896	ZM_021_A1_H10	ZM_021_A1_H10_T7C	
28897	ZM_021_A1_H10		ZM_021_A1_H10_MR
28898	ZM_021_A1_H11	ZM_021_A1_H11_T7C	
28899	ZM_021_A1_H11		ZM_021_A1_H11_MR
28900	ZM_021_A1_H12	ZM_021_A1_H12_T7C	
28901	ZM_021_A2_A01	ZM_021_A2_A01_T7C	
28902	ZM_021_A2_A01		ZM_021_A2_A01_MR
28903	ZM_021_A2_A02	ZM_021_A2_A02_T7C	
28904	ZM_021_A2_A02		ZM_021_A2_A02_MR
28905	ZM_021_A2_A03	ZM_021_A2_A03_T7C	
28906	ZM_021_A2_A03		ZM_021_A2_A03_MR
28907	ZM_021_A2_A04	ZM_021_A2_A04_T7C	
28908	ZM_021_A2_A04		ZM_021_A2_A04_MR
28909	ZM_021_A2_A05	ZM_021_A2_A05_T7C	
28910	ZM_021_A2_A05		ZM_021_A2_A05_MR
28911	ZM_021_A2_A06		ZM_021_A2_A06_MR
28912	ZM_021_A2_A08	ZM_021_A2_A08_T7C	
28913	ZM_021_A2_A08		ZM_021_A2_A08_MR
28914	ZM_021_A2_A09	ZM_021_A2_A09_T7C	
28915	ZM_021_A2_A09		ZM_021_A2_A09_MR
28916	ZM_021_A2_A10	ZM_021_A2_A10_T7C	
28917	ZM_021_A2_A10		ZM_021_A2_A10_MR
28918	ZM_021_A2_A11	ZM_021_A2_A11_T7C	
28919	ZM_021_A2_A11		ZM_021_A2_A11_MR
28920	ZM_021_A2_A12	ZM_021_A2_A12_T7C	
28921	ZM_021_A2_A12		ZM_021_A2_A12_MR
28922	ZM_021_A2_B01	ZM_021_A2_B01_T7C	
28923	ZM_021_A2_B01		ZM_021_A2_B01_MR
28924	ZM_021_A2_B02		ZM_021_A2_B02_MR
28925	ZM_021_A2_B03	ZM_021_A2_B03_T7C	
28926	ZM_021_A2_B03		ZM_021_A2_B03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28927	ZM_021_A2_B04	ZM_021_A2_B04_T7C	
28928	ZM_021_A2_B05	ZM_021_A2_B05_T7C	
28929	ZM_021_A2_B05		ZM_021_A2_B05_MR
28930	ZM_021_A2_B06	ZM_021_A2_B06_T7C	
28931	ZM_021_A2_B06		ZM_021_A2_B06_MR
28932	ZM_021_A2_B07	ZM_021_A2_B07_T7C	
28933	ZM_021_A2_B07		ZM_021_A2_B07_MR
28934	ZM_021_A2_B08	ZM_021_A2_B08_T7C	
28935	ZM_021_A2_B08		ZM_021_A2_B08_MR
28936	ZM_021_A2_B10		ZM_021_A2_B10_MR
28937	ZM_021_A2_B11	ZM_021_A2_B11_T7C	
28938	ZM_021_A2_B11		ZM_021_A2_B11_MR
28939	ZM_021_A2_B12	ZM_021_A2_B12_T7C	
28940	ZM_021_A2_C01	ZM_021_A2_C01_T7C	
28941	ZM_021_A2_C01		ZM_021_A2_C01_MR
28942	ZM_021_A2_C02	ZM_021_A2_C02_T7C	
28943	ZM_021_A2_C02		ZM_021_A2_C02_MR
28944	ZM_021_A2_C03	ZM_021_A2_C03_T7C	
28945	ZM_021_A2_C03		ZM_021_A2_C03_MR
28946	ZM_021_A2_C04	ZM_021_A2_C04_T7C	
28947	ZM_021_A2_C04		ZM_021_A2_C04_MR
28948	ZM_021_A2_C05		ZM_021_A2_C05_MR
28949	ZM_021_A2_C06	ZM_021_A2_C06_T7C	
28950	ZM_021_A2_C06		ZM_021_A2_C06_MR
28951	ZM_021_A2_C07	ZM_021_A2_C07_T7C	
28952	ZM_021_A2_C08	ZM_021_A2_C08_T7C	
28953	ZM_021_A2_C08		ZM_021_A2_C08_MR
28954	ZM_021_A2_C09	ZM_021_A2_C09_T7C	
28955	ZM_021_A2_C09		ZM_021_A2_C09_MR
28956	ZM_021_A2_C11	ZM_021_A2_C11_T7C	
28957	ZM_021_A2_C11		ZM_021_A2_C11_MR
28958	ZM_021_A2_C12	ZM_021_A2_C12_T7C	
28959	ZM_021_A2_C12		ZM_021_A2_C12_MR
28960	ZM_021_A2_D01	ZM_021_A2_D01_T7C	
28961	ZM_021_A2_D01		ZM_021_A2_D01_MR
28962	ZM_021_A2_D02	ZM_021_A2_D02_T7C	
28963	ZM_021_A2_D02		ZM_021_A2_D02_MR
28964	ZM_021_A2_D03		ZM_021_A2_D03_MR
28965	ZM_021_A2_D04	ZM_021_A2_D04_T7C	
28966	ZM_021_A2_D04		ZM_021_A2_D04_MR
28967	ZM_021_A2_D05	ZM_021_A2_D05_T7C	
28968	ZM_021_A2_D05		ZM_021_A2_D05_MR
28969	ZM_021_A2_D06	ZM_021_A2_D06_T7C	
28970	ZM_021_A2_D06		ZM_021_A2_D06_MR
28971	ZM_021_A2_D07	ZM_021_A2_D07_T7C	
28972	ZM_021_A2_D07		ZM_021_A2_D07_MR
28973	ZM_021_A2_D08	ZM_021_A2_D08_T7C	
28974	ZM_021_A2_D08		ZM_021_A2_D08_MR
28975	ZM_021_A2_D09	ZM_021_A2_D09_T7C	
28976	ZM_021_A2_D09		ZM_021_A2_D09_MR
28977	ZM_021_A2_D10	ZM_021_A2_D10_T7C	
28978	ZM_021_A2_D10		ZM_021_A2_D10_MR
28979	ZM_021_A2_D11	ZM_021_A2_D11_T7C	
28980	ZM_021_A2_D11		ZM_021_A2_D11_MR
28981	ZM_021_A2_D12	ZM_021_A2_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
28982	ZM_021_A2_D12		ZM_021_A2_D12_MR
28983	ZM_021_A2_E01	ZM_021_A2_E01_T7C	
28984	ZM_021_A2_E01		ZM_021_A2_E01_MR
28985	ZM_021_A2_E02		ZM_021_A2_E02_MR
28986	ZM_021_A2_E03	ZM_021_A2_E03_T7C	
28987	ZM_021_A2_E03		ZM_021_A2_E03_MR
28988	ZM_021_A2_E04	ZM_021_A2_E04_T7C	
28989	ZM_021_A2_E04		ZM_021_A2_E04_MR
28990	ZM_021_A2_E05		ZM_021_A2_E05_MR
28991	ZM_021_A2_E06	ZM_021_A2_E06_T7C	
28992	ZM_021_A2_E06		ZM_021_A2_E06_MR
28993	ZM_021_A2_E07	ZM_021_A2_E07_T7C	
28994	ZM_021_A2_E07		ZM_021_A2_E07_MR
28995	ZM_021_A2_E08		ZM_021_A2_E08_MR
28996	ZM_021_A2_E09	ZM_021_A2_E09_T7C	
28997	ZM_021_A2_E09		ZM_021_A2_E09_MR
28998	ZM_021_A2_E10	ZM_021_A2_E10_T7C	
28999	ZM_021_A2_E11	ZM_021_A2_E11_T7C	
29000	ZM_021_A2_E11		ZM_021_A2_E11_MR
29001	ZM_021_A2_E12	ZM_021_A2_E12_T7C	
29002	ZM_021_A2_E12		ZM_021_A2_E12_MR
29003	ZM_021_A2_F01	ZM_021_A2_F01_T7C	
29004	ZM_021_A2_F03	ZM_021_A2_F03_T7C	
29005	ZM_021_A2_F03		ZM_021_A2_F03_MR
29006	ZM_021_A2_F06	ZM_021_A2_F06_T7C	
29007	ZM_021_A2_F06		ZM_021_A2_F06_MR
29008	ZM_021_A2_F07	ZM_021_A2_F07_T7C	
29009	ZM_021_A2_F07		ZM_021_A2_F07_MR
29010	ZM_021_A2_F08	ZM_021_A2_F08_T7C	
29011	ZM_021_A2_F08		ZM_021_A2_F08_MR
29012	ZM_021_A2_F09		ZM_021_A2_F09_MR
29013	ZM_021_A2_F10	ZM_021_A2_F10_T7C	
29014	ZM_021_A2_F10		ZM_021_A2_F10_MR
29015	ZM_021_A2_F11	ZM_021_A2_F11_T7C	
29016	ZM_021_A2_F11		ZM_021_A2_F11_MR
29017	ZM_021_A2_F12	ZM_021_A2_F12_T7C	
29018	ZM_021_A2_F12		ZM_021_A2_F12_MR
29019	ZM_021_A2_G01	ZM_021_A2_G01_T7C	
29020	ZM_021_A2_G01		ZM_021_A2_G01_MR
29021	ZM_021_A2_G02		ZM_021_A2_G02_MR
29022	ZM_021_A2_G03		ZM_021_A2_G03_MR
29023	ZM_021_A2_G04	ZM_021_A2_G04_T7C	
29024	ZM_021_A2_G04		ZM_021_A2_G04_MR
29025	ZM_021_A2_G05		ZM_021_A2_G05_MR
29026	ZM_021_A2_G06	ZM_021_A2_G06_T7C	
29027	ZM_021_A2_G06		ZM_021_A2_G06_MR
29028	ZM_021_A2_G07	ZM_021_A2_G07_T7C	
29029	ZM_021_A2_G07		ZM_021_A2_G07_MR
29030	ZM_021_A2_G08		ZM_021_A2_G08_MR
29031	ZM_021_A2_G09	ZM_021_A2_G09_T7C	
29032	ZM_021_A2_G09		ZM_021_A2_G09_MR
29033	ZM_021_A2_G11		ZM_021_A2_G11_MR
29034	ZM_021_A2_H01	ZM_021_A2_H01_T7C	
29035	ZM_021_A2_H01		ZM_021_A2_H01_MR
29036	ZM_021_A2_H02	ZM_021_A2_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29037	ZM_021_A2_H02		ZM_021_A2_H02_MR
29038	ZM_021_A2_H03	ZM_021_A2_H03_T7C	
29039	ZM_021_A2_H03		ZM_021_A2_H03_MR
29040	ZM_021_A2_H04	ZM_021_A2_H04_T7C	
29041	ZM_021_A2_H04		ZM_021_A2_H04_MR
29042	ZM_021_A2_H05	ZM_021_A2_H05_T7C	
29043	ZM_021_A2_H05		ZM_021_A2_H05_MR
29044	ZM_021_A2_H06	ZM_021_A2_H06_T7C	
29045	ZM_021_A2_H06		ZM_021_A2_H06_MR
29046	ZM_021_A2_H07	ZM_021_A2_H07_T7C	
29047	ZM_021_A2_H07		ZM_021_A2_H07_MR
29048	ZM_021_A2_H08	ZM_021_A2_H08_T7C	
29049	ZM_021_A2_H08		ZM_021_A2_H08_MR
29050	ZM_021_A2_H09	ZM_021_A2_H09_T7C	
29051	ZM_021_A2_H09		ZM_021_A2_H09_MR
29052	ZM_021_A2_H10	ZM_021_A2_H10_T7C	
29053	ZM_021_A2_H10		ZM_021_A2_H10_MR
29054	ZM_021_A2_H11	ZM_021_A2_H11_T7C	
29055	ZM_021_A2_H11		ZM_021_A2_H11_MR
29056	ZM_021_A2_H12	ZM_021_A2_H12_T7C	
29057	ZM_021_A2_H12		ZM_021_A2_H12_MR
29058	ZM_021_B1_A01	ZM_021_B1_A01_T7C	
29059	ZM_021_B1_A02	ZM_021_B1_A02_T7C	
29060	ZM_021_B1_A03	ZM_021_B1_A03_T7C	
29061	ZM_021_B1_A04	ZM_021_B1_A04_T7C	
29062	ZM_021_B1_A04		ZM_021_B1_A04_MR
29063	ZM_021_B1_A05	ZM_021_B1_A05_T7C	
29064	ZM_021_B1_A05		ZM_021_B1_A05_MR
29065	ZM_021_B1_A06	ZM_021_B1_A06_T7C	
29066	ZM_021_B1_A07	ZM_021_B1_A07_T7C	
29067	ZM_021_B1_A08	ZM_021_B1_A08_T7C	
29068	ZM_021_B1_A08		ZM_021_B1_A08_MR
29069	ZM_021_B1_A09	ZM_021_B1_A09_T7C	
29070	ZM_021_B1_A11	ZM_021_B1_A11_T7C	
29071	ZM_021_B1_A12	ZM_021_B1_A12_T7C	
29072	ZM_021_B1_B01	ZM_021_B1_B01_T7C	
29073	ZM_021_B1_B01		ZM_021_B1_B01_MR
29074	ZM_021_B1_B02	ZM_021_B1_B02_T7C	
29075	ZM_021_B1_B02		ZM_021_B1_B02_MR
29076	ZM_021_B1_B03	ZM_021_B1_B03_T7C	
29077	ZM_021_B1_B03		ZM_021_B1_B03_MR
29078	ZM_021_B1_B04	ZM_021_B1_B04_T7C	
29079	ZM_021_B1_B04		ZM_021_B1_B04_MR
29080	ZM_021_B1_B05	ZM_021_B1_B05_T7C	
29081	ZM_021_B1_B05		ZM_021_B1_B05_MR
29082	ZM_021_B1_B06	ZM_021_B1_B06_T7C	
29083	ZM_021_B1_B06		ZM_021_B1_B06_MR
29084	ZM_021_B1_B07	ZM_021_B1_B07_T7C	
29085	ZM_021_B1_B07		ZM_021_B1_B07_MR
29086	ZM_021_B1_B08	ZM_021_B1_B08_T7C	
29087	ZM_021_B1_B08		ZM_021_B1_B08_MR
29088	ZM_021_B1_B09	ZM_021_B1_B09_T7C	
29089	ZM_021_B1_B09		ZM_021_B1_B09_MR
29090	ZM_021_B1_B10	ZM_021_B1_B10_T7C	
29091	ZM_021_B1_B10		ZM_021_B1_B10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29092	ZM_021_B1_B11	ZM_021_B1_B11_T7C	
29093	ZM_021_B1_B11		ZM_021_B1_B11_MR
29094	ZM_021_B1_B12	ZM_021_B1_B12_T7C	
29095	ZM_021_B1_B12		ZM_021_B1_B12_MR
29096	ZM_021_B1_C01	ZM_021_B1_C01_T7C	
29097	ZM_021_B1_C01		ZM_021_B1_C01_MR
29098	ZM_021_B1_C02	ZM_021_B1_C02_T7C	
29099	ZM_021_B1_C02		ZM_021_B1_C02_MR
29100	ZM_021_B1_C03	ZM_021_B1_C03_T7C	
29101	ZM_021_B1_C03		ZM_021_B1_C03_MR
29102	ZM_021_B1_C04	ZM_021_B1_C04_T7C	
29103	ZM_021_B1_C04		ZM_021_B1_C04_MR
29104	ZM_021_B1_C05	ZM_021_B1_C05_T7C	
29105	ZM_021_B1_C06	ZM_021_B1_C06_T7C	
29106	ZM_021_B1_C06		ZM_021_B1_C06_MR
29107	ZM_021_B1_C07		ZM_021_B1_C07_MR
29108	ZM_021_B1_C08	ZM_021_B1_C08_T7C	
29109	ZM_021_B1_C08		ZM_021_B1_C08_MR
29110	ZM_021_B1_C10	ZM_021_B1_C10_T7C	
29111	ZM_021_B1_C10		ZM_021_B1_C10_MR
29112	ZM_021_B1_C11		ZM_021_B1_C11_MR
29113	ZM_021_B1_D07		ZM_021_B1_D07_MR
29114	ZM_021_B1_D10		ZM_021_B1_D10_MR
29115	ZM_021_B1_E01	ZM_021_B1_E01_T7C	
29116	ZM_021_B1_E01		ZM_021_B1_E01_MR
29117	ZM_021_B1_E02	ZM_021_B1_E02_T7C	
29118	ZM_021_B1_E02		ZM_021_B1_E02_MR
29119	ZM_021_B1_E03	ZM_021_B1_E03_T7C	
29120	ZM_021_B1_E03		ZM_021_B1_E03_MR
29121	ZM_021_B1_E04	ZM_021_B1_E04_T7C	
29122	ZM_021_B1_E04		ZM_021_B1_E04_MR
29123	ZM_021_B1_E05	ZM_021_B1_E05_T7C	
29124	ZM_021_B1_E05		ZM_021_B1_E05_MR
29125	ZM_021_B1_E06	ZM_021_B1_E06_T7C	
29126	ZM_021_B1_E06		ZM_021_B1_E06_MR
29127	ZM_021_B1_E07	ZM_021_B1_E07_T7C	
29128	ZM_021_B1_E07		ZM_021_B1_E07_MR
29129	ZM_021_B1_E08	ZM_021_B1_E08_T7C	
29130	ZM_021_B1_E08		ZM_021_B1_E08_MR
29131	ZM_021_B1_E09	ZM_021_B1_E09_T7C	
29132	ZM_021_B1_E09		ZM_021_B1_E09_MR
29133	ZM_021_B1_E10	ZM_021_B1_E10_T7C	
29134	ZM_021_B1_E10		ZM_021_B1_E10_MR
29135	ZM_021_B1_E11	ZM_021_B1_E11_T7C	
29136	ZM_021_B1_E11		ZM_021_B1_E11_MR
29137	ZM_021_B1_E12	ZM_021_B1_E12_T7C	
29138	ZM_021_B1_E12		ZM_021_B1_E12_MR
29139	ZM_021_B1_F01	ZM_021_B1_F01_T7C	
29140	ZM_021_B1_F01		ZM_021_B1_F01_MR
29141	ZM_021_B1_F02	ZM_021_B1_F02_T7C	
29142	ZM_021_B1_F02		ZM_021_B1_F02_MR
29143	ZM_021_B1_F03	ZM_021_B1_F03_T7C	
29144	ZM_021_B1_F03		ZM_021_B1_F03_MR
29145	ZM_021_B1_F05	ZM_021_B1_F05_T7C	
29146	ZM_021_B1_F05		ZM_021_B1_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29147	ZM_021_B1_F06	ZM_021_B1_F06_T7C	
29148	ZM_021_B1_F06		ZM_021_B1_F06_MR
29149	ZM_021_B1_F07	ZM_021_B1_F07_T7C	
29150	ZM_021_B1_F07		ZM_021_B1_F07_MR
29151	ZM_021_B1_F08	ZM_021_B1_F08_T7C	
29152	ZM_021_B1_F08		ZM_021_B1_F08_MR
29153	ZM_021_B1_F09		ZM_021_B1_F09_MR
29154	ZM_021_B1_F10	ZM_021_B1_F10_T7C	
29155	ZM_021_B1_F10		ZM_021_B1_F10_MR
29156	ZM_021_B1_F11	ZM_021_B1_F11_T7C	
29157	ZM_021_B1_F11		ZM_021_B1_F11_MR
29158	ZM_021_B1_F12	ZM_021_B1_F12_T7C	
29159	ZM_021_B1_F12		ZM_021_B1_F12_MR
29160	ZM_021_B1_G01	ZM_021_B1_G01_T7C	
29161	ZM_021_B1_G01		ZM_021_B1_G01_MR
29162	ZM_021_B1_G02	ZM_021_B1_G02_T7C	
29163	ZM_021_B1_G02		ZM_021_B1_G02_MR
29164	ZM_021_B1_G03	ZM_021_B1_G03_T7C	
29165	ZM_021_B1_G04	ZM_021_B1_G04_T7C	
29166	ZM_021_B1_G04		ZM_021_B1_G04_MR
29167	ZM_021_B1_G05		ZM_021_B1_G05_MR
29168	ZM_021_B1_G06	ZM_021_B1_G06_T7C	
29169	ZM_021_B1_G07	ZM_021_B1_G07_T7C	
29170	ZM_021_B1_G07		ZM_021_B1_G07_MR
29171	ZM_021_B1_G08	ZM_021_B1_G08_T7C	
29172	ZM_021_B1_G08		ZM_021_B1_G08_MR
29173	ZM_021_B1_G09	ZM_021_B1_G09_T7C	
29174	ZM_021_B1_G09		ZM_021_B1_G09_MR
29175	ZM_021_B1_G10		ZM_021_B1_G10_MR
29176	ZM_021_B1_G12	ZM_021_B1_G12_T7C	
29177	ZM_021_B1_G12		ZM_021_B1_G12_MR
29178	ZM_021_B1_H05	ZM_021_B1_H05_T7C	
29179	ZM_021_B2_A01	ZM_021_B2_A01_T7C	
29180	ZM_021_B2_A01		ZM_021_B2_A01_MR
29181	ZM_021_B2_A02	ZM_021_B2_A02_T7C	
29182	ZM_021_B2_A02		ZM_021_B2_A02_MR
29183	ZM_021_B2_A03	ZM_021_B2_A03_T7C	
29184	ZM_021_B2_A03		ZM_021_B2_A03_MR
29185	ZM_021_B2_A04	ZM_021_B2_A04_T7C	
29186	ZM_021_B2_A04		ZM_021_B2_A04_MR
29187	ZM_021_B2_A05	ZM_021_B2_A05_T7C	
29188	ZM_021_B2_A05		ZM_021_B2_A05_MR
29189	ZM_021_B2_A06	ZM_021_B2_A06_T7C	
29190	ZM_021_B2_A06		ZM_021_B2_A06_MR
29191	ZM_021_B2_A07	ZM_021_B2_A07_T7C	
29192	ZM_021_B2_A07		ZM_021_B2_A07_MR
29193	ZM_021_B2_A08	ZM_021_B2_A08_T7C	
29194	ZM_021_B2_A09	ZM_021_B2_A09_T7C	
29195	ZM_021_B2_A10	ZM_021_B2_A10_T7C	
29196	ZM_021_B2_A10		ZM_021_B2_A10_MR
29197	ZM_021_B2_A12	ZM_021_B2_A12_T7C	
29198	ZM_021_B2_A12		ZM_021_B2_A12_MR
29199	ZM_021_B2_B01	ZM_021_B2_B01_T7C	
29200	ZM_021_B2_B01		ZM_021_B2_B01_MR
29201	ZM_021_B2_B02	ZM_021_B2_B02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29202	ZM_021_B2_B02		ZM_021_B2_B02_MR
29203	ZM_021_B2_B03	ZM_021_B2_B03_T7C	
29204	ZM_021_B2_B03		ZM_021_B2_B03_MR
29205	ZM_021_B2_B04	ZM_021_B2_B04_T7C	
29206	ZM_021_B2_B04		ZM_021_B2_B04_MR
29207	ZM_021_B2_B05	ZM_021_B2_B05_T7C	
29208	ZM_021_B2_B05		ZM_021_B2_B05_MR
29209	ZM_021_B2_B06	ZM_021_B2_B06_T7C	
29210	ZM_021_B2_B06		ZM_021_B2_B06_MR
29211	ZM_021_B2_B07	ZM_021_B2_B07_T7C	
29212	ZM_021_B2_B07		ZM_021_B2_B07_MR
29213	ZM_021_B2_B08	ZM_021_B2_B08_T7C	
29214	ZM_021_B2_B08		ZM_021_B2_B08_MR
29215	ZM_021_B2_B09	ZM_021_B2_B09_T7C	
29216	ZM_021_B2_B09		ZM_021_B2_B09_MR
29217	ZM_021_B2_B10	ZM_021_B2_B10_T7C	
29218	ZM_021_B2_B10		ZM_021_B2_B10_MR
29219	ZM_021_B2_B11	ZM_021_B2_B11_T7C	
29220	ZM_021_B2_B11		ZM_021_B2_B11_MR
29221	ZM_021_B2_B12	ZM_021_B2_B12_T7C	
29222	ZM_021_B2_B12		ZM_021_B2_B12_MR
29223	ZM_021_B2_C01	ZM_021_B2_C01_T7C	
29224	ZM_021_B2_C01		ZM_021_B2_C01_MR
29225	ZM_021_B2_C02	ZM_021_B2_C02_T7C	
29226	ZM_021_B2_C02		ZM_021_B2_C02_MR
29227	ZM_021_B2_C03	ZM_021_B2_C03_T7C	
29228	ZM_021_B2_C03		ZM_021_B2_C03_MR
29229	ZM_021_B2_C04	ZM_021_B2_C04_T7C	
29230	ZM_021_B2_C04		ZM_021_B2_C04_MR
29231	ZM_021_B2_C05	ZM_021_B2_C05_T7C	
29232	ZM_021_B2_C05		ZM_021_B2_C05_MR
29233	ZM_021_B2_C06	ZM_021_B2_C06_T7C	
29234	ZM_021_B2_C06		ZM_021_B2_C06_MR
29235	ZM_021_B2_C07	ZM_021_B2_C07_T7C	
29236	ZM_021_B2_C07		ZM_021_B2_C07_MR
29237	ZM_021_B2_C08	ZM_021_B2_C08_T7C	
29238	ZM_021_B2_C08		ZM_021_B2_C08_MR
29239	ZM_021_B2_C09	ZM_021_B2_C09_T7C	
29240	ZM_021_B2_C09		ZM_021_B2_C09_MR
29241	ZM_021_B2_C10	ZM_021_B2_C10_T7C	
29242	ZM_021_B2_C10		ZM_021_B2_C10_MR
29243	ZM_021_B2_C11	ZM_021_B2_C11_T7C	
29244	ZM_021_B2_C11		ZM_021_B2_C11_MR
29245	ZM_021_B2_C12	ZM_021_B2_C12_T7C	
29246	ZM_021_B2_C12		ZM_021_B2_C12_MR
29247	ZM_021_B2_D01	ZM_021_B2_D01_T7C	
29248	ZM_021_B2_D01		ZM_021_B2_D01_MR
29249	ZM_021_B2_D02	ZM_021_B2_D02_T7C	
29250	ZM_021_B2_D02		ZM_021_B2_D02_MR
29251	ZM_021_B2_D03	ZM_021_B2_D03_T7C	
29252	ZM_021_B2_D03		ZM_021_B2_D03_MR
29253	ZM_021_B2_D04	ZM_021_B2_D04_T7C	
29254	ZM_021_B2_D04		ZM_021_B2_D04_MR
29255	ZM_021_B2_D05	ZM_021_B2_D05_T7C	
29256	ZM_021_B2_D05		ZM_021_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29257	ZM_021_B2_D06	ZM_021_B2_D06_T7C	
29258	ZM_021_B2_D06		ZM_021_B2_D06_MR
29259	ZM_021_B2_D07	ZM_021_B2_D07_T7C	
29260	ZM_021_B2_D07		ZM_021_B2_D07_MR
29261	ZM_021_B2_D08	ZM_021_B2_D08_T7C	
29262	ZM_021_B2_D08		ZM_021_B2_D08_MR
29263	ZM_021_B2_D09	ZM_021_B2_D09_T7C	
29264	ZM_021_B2_D09		ZM_021_B2_D09_MR
29265	ZM_021_B2_D10	ZM_021_B2_D10_T7C	
29266	ZM_021_B2_D10		ZM_021_B2_D10_MR
29267	ZM_021_B2_D11	ZM_021_B2_D11_T7C	
29268	ZM_021_B2_D11		ZM_021_B2_D11_MR
29269	ZM_021_B2_D12		ZM_021_B2_D12_MR
29270	ZM_021_B2_E01	ZM_021_B2_E01_T7C	
29271	ZM_021_B2_E01		ZM_021_B2_E01_MR
29272	ZM_021_B2_E02	ZM_021_B2_E02_T7C	
29273	ZM_021_B2_E02		ZM_021_B2_E02_MR
29274	ZM_021_B2_E03	ZM_021_B2_E03_T7C	
29275	ZM_021_B2_E03		ZM_021_B2_E03_MR
29276	ZM_021_B2_E04	ZM_021_B2_E04_T7C	
29277	ZM_021_B2_E05	ZM_021_B2_E05_T7C	
29278	ZM_021_B2_E05		ZM_021_B2_E05_MR
29279	ZM_021_B2_E06	ZM_021_B2_E06_T7C	
29280	ZM_021_B2_E07	ZM_021_B2_E07_T7C	
29281	ZM_021_B2_E08	ZM_021_B2_E08_T7C	
29282	ZM_021_B2_E08		ZM_021_B2_E08_MR
29283	ZM_021_B2_E09	ZM_021_B2_E09_T7C	
29284	ZM_021_B2_E09		ZM_021_B2_E09_MR
29285	ZM_021_B2_E10	ZM_021_B2_E10_T7C	
29286	ZM_021_B2_E10		ZM_021_B2_E10_MR
29287	ZM_021_B2_E11	ZM_021_B2_E11_T7C	
29288	ZM_021_B2_E11		ZM_021_B2_E11_MR
29289	ZM_021_B2_E12	ZM_021_B2_E12_T7C	
29290	ZM_021_B2_E12		ZM_021_B2_E12_MR
29291	ZM_021_B2_F01	ZM_021_B2_F01_T7C	
29292	ZM_021_B2_F01		ZM_021_B2_F01_MR
29293	ZM_021_B2_F02	ZM_021_B2_F02_T7C	
29294	ZM_021_B2_F02		ZM_021_B2_F02_MR
29295	ZM_021_B2_F03	ZM_021_B2_F03_T7C	
29296	ZM_021_B2_F03		ZM_021_B2_F03_MR
29297	ZM_021_B2_F04	ZM_021_B2_F04_T7C	
29298	ZM_021_B2_F05	ZM_021_B2_F05_T7C	
29299	ZM_021_B2_F05		ZM_021_B2_F05_MR
29300	ZM_021_B2_F06	ZM_021_B2_F06_T7C	
29301	ZM_021_B2_F07	ZM_021_B2_F07_T7C	
29302	ZM_021_B2_F07		ZM_021_B2_F07_MR
29303	ZM_021_B2_F08	ZM_021_B2_F08_T7C	
29304	ZM_021_B2_F08		ZM_021_B2_F08_MR
29305	ZM_021_B2_F10	ZM_021_B2_F10_T7C	
29306	ZM_021_B2_F10		ZM_021_B2_F10_MR
29307	ZM_021_B2_F11	ZM_021_B2_F11_T7C	
29308	ZM_021_B2_F11		ZM_021_B2_F11_MR
29309	ZM_021_B2_F12	ZM_021_B2_F12_T7C	
29310	ZM_021_B2_G01	ZM_021_B2_G01_T7C	
29311	ZM_021_B2_G01		ZM_021_B2_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29312	ZM_021_B2_G02	ZM_021_B2_G02_T7C	
29313	ZM_021_B2_G02		ZM_021_B2_G02_MR
29314	ZM_021_B2_G03	ZM_021_B2_G03_T7C	
29315	ZM_021_B2_G04	ZM_021_B2_G04_T7C	
29316	ZM_021_B2_G04		ZM_021_B2_G04_MR
29317	ZM_021_B2_G05	ZM_021_B2_G05_T7C	
29318	ZM_021_B2_G05		ZM_021_B2_G05_MR
29319	ZM_021_B2_G06	ZM_021_B2_G06_T7C	
29320	ZM_021_B2_G06		ZM_021_B2_G06_MR
29321	ZM_021_B2_G07	ZM_021_B2_G07_T7C	
29322	ZM_021_B2_G07		ZM_021_B2_G07_MR
29323	ZM_021_B2_G08	ZM_021_B2_G08_T7C	
29324	ZM_021_B2_G08		ZM_021_B2_G08_MR
29325	ZM_021_B2_G09	ZM_021_B2_G09_T7C	
29326	ZM_021_B2_G09		ZM_021_B2_G09_MR
29327	ZM_021_B2_G10	ZM_021_B2_G10_T7C	
29328	ZM_021_B2_G10		ZM_021_B2_G10_MR
29329	ZM_021_B2_G11	ZM_021_B2_G11_T7C	
29330	ZM_021_B2_G11		ZM_021_B2_G11_MR
29331	ZM_021_B2_G12	ZM_021_B2_G12_T7C	
29332	ZM_021_B2_G12		ZM_021_B2_G12_MR
29333	ZM_021_B2_H01	ZM_021_B2_H01_T7C	
29334	ZM_021_B2_H01		ZM_021_B2_H01_MR
29335	ZM_021_B2_H02	ZM_021_B2_H02_T7C	
29336	ZM_021_B2_H02		ZM_021_B2_H02_MR
29337	ZM_021_B2_H03	ZM_021_B2_H03_T7C	
29338	ZM_021_B2_H03		ZM_021_B2_H03_MR
29339	ZM_021_B2_H04	ZM_021_B2_H04_T7C	
29340	ZM_021_B2_H04		ZM_021_B2_H04_MR
29341	ZM_021_B2_H05	ZM_021_B2_H05_T7C	
29342	ZM_021_B2_H05		ZM_021_B2_H05_MR
29343	ZM_021_B2_H07	ZM_021_B2_H07_T7C	
29344	ZM_021_B2_H07		ZM_021_B2_H07_MR
29345	ZM_021_B2_H08	ZM_021_B2_H08_T7C	
29346	ZM_021_B2_H08		ZM_021_B2_H08_MR
29347	ZM_021_B2_H09	ZM_021_B2_H09_T7C	
29348	ZM_021_B2_H09		ZM_021_B2_H09_MR
29349	ZM_021_B2_H10	ZM_021_B2_H10_T7C	
29350	ZM_021_B2_H10		ZM_021_B2_H10_MR
29351	ZM_021_B2_H11	ZM_021_B2_H11_T7C	
29352	ZM_021_B2_H12	ZM_021_B2_H12_T7C	
29353	ZM_022_A1_A01		ZM_022_A1_A01_MR
29354	ZM_022_A1_A02	ZM_022_A1_A02_T7C	
29355	ZM_022_A1_A02		ZM_022_A1_A02_MR
29356	ZM_022_A1_A03	ZM_022_A1_A03_T7C	
29357	ZM_022_A1_A03		ZM_022_A1_A03_MR
29358	ZM_022_A1_A04	ZM_022_A1_A04_T7C	
29359	ZM_022_A1_A04		ZM_022_A1_A04_MR
29360	ZM_022_A1_A05	ZM_022_A1_A05_T7C	
29361	ZM_022_A1_A05		ZM_022_A1_A05_MR
29362	ZM_022_A1_A06	ZM_022_A1_A06_T7C	
29363	ZM_022_A1_A06		ZM_022_A1_A06_MR
29364	ZM_022_A1_A07		ZM_022_A1_A07_MR
29365	ZM_022_A1_A08	ZM_022_A1_A08_T7C	
29366	ZM_022_A1_A08		ZM_022_A1_A08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29367	ZM_022_A1_A09	ZM_022_A1_A09_T7C	
29368	ZM_022_A1_A09		ZM_022_A1_A09_MR
29369	ZM_022_A1_A10	ZM_022_A1_A10_T7C	
29370	ZM_022_A1_A10		ZM_022_A1_A10_MR
29371	ZM_022_A1_A11		ZM_022_A1_A11_MR
29372	ZM_022_A1_A12	ZM_022_A1_A12_T7C	
29373	ZM_022_A1_A12		ZM_022_A1_A12_MR
29374	ZM_022_A1_B01	ZM_022_A1_B01_T7C	
29375	ZM_022_A1_B01		ZM_022_A1_B01_MR
29376	ZM_022_A1_B02	ZM_022_A1_B02_T7C	
29377	ZM_022_A1_B02		ZM_022_A1_B02_MR
29378	ZM_022_A1_B03	ZM_022_A1_B03_T7C	
29379	ZM_022_A1_B03		ZM_022_A1_B03_MR
29380	ZM_022_A1_B04	ZM_022_A1_B04_T7C	
29381	ZM_022_A1_B04		ZM_022_A1_B04_MR
29382	ZM_022_A1_B05	ZM_022_A1_B05_T7C	
29383	ZM_022_A1_B05		ZM_022_A1_B05_MR
29384	ZM_022_A1_B06	ZM_022_A1_B06_T7C	
29385	ZM_022_A1_B06		ZM_022_A1_B06_MR
29386	ZM_022_A1_B07	ZM_022_A1_B07_T7C	
29387	ZM_022_A1_B07		ZM_022_A1_B07_MR
29388	ZM_022_A1_B08	ZM_022_A1_B08_T7C	
29389	ZM_022_A1_B08		ZM_022_A1_B08_MR
29390	ZM_022_A1_B09	ZM_022_A1_B09_T7C	
29391	ZM_022_A1_B09		ZM_022_A1_B09_MR
29392	ZM_022_A1_B10	ZM_022_A1_B10_T7C	
29393	ZM_022_A1_B10		ZM_022_A1_B10_MR
29394	ZM_022_A1_B11	ZM_022_A1_B11_T7C	
29395	ZM_022_A1_B11		ZM_022_A1_B11_MR
29396	ZM_022_A1_B12	ZM_022_A1_B12_T7C	
29397	ZM_022_A1_C01	ZM_022_A1_C01_T7C	
29398	ZM_022_A1_C01		ZM_022_A1_C01_MR
29399	ZM_022_A1_C02	ZM_022_A1_C02_T7C	
29400	ZM_022_A1_C02		ZM_022_A1_C02_MR
29401	ZM_022_A1_C03	ZM_022_A1_C03_T7C	
29402	ZM_022_A1_C04	ZM_022_A1_C04_T7C	
29403	ZM_022_A1_C04		ZM_022_A1_C04_MR
29404	ZM_022_A1_C05	ZM_022_A1_C05_T7C	
29405	ZM_022_A1_C05		ZM_022_A1_C05_MR
29406	ZM_022_A1_C06	ZM_022_A1_C06_T7C	
29407	ZM_022_A1_C06		ZM_022_A1_C06_MR
29408	ZM_022_A1_C07	ZM_022_A1_C07_T7C	
29409	ZM_022_A1_C07		ZM_022_A1_C07_MR
29410	ZM_022_A1_C08	ZM_022_A1_C08_T7C	
29411	ZM_022_A1_C08		ZM_022_A1_C08_MR
29412	ZM_022_A1_C09	ZM_022_A1_C09_T7C	
29413	ZM_022_A1_C09		ZM_022_A1_C09_MR
29414	ZM_022_A1_C10	ZM_022_A1_C10_T7C	
29415	ZM_022_A1_C10		ZM_022_A1_C10_MR
29416	ZM_022_A1_C11	ZM_022_A1_C11_T7C	
29417	ZM_022_A1_C11		ZM_022_A1_C11_MR
29418	ZM_022_A1_C12	ZM_022_A1_C12_T7C	
29419	ZM_022_A1_C12		ZM_022_A1_C12_MR
29420	ZM_022_A1_D01	ZM_022_A1_D01_T7C	
29421	ZM_022_A1_D02	ZM_022_A1_D02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29422	ZM_022_A1_D03	ZM_022_A1_D03_T7C	
29423	ZM_022_A1_D03		ZM_022_A1_D03_MR
29424	ZM_022_A1_D04	ZM_022_A1_D04_T7C	
29425	ZM_022_A1_D04		ZM_022_A1_D04_MR
29426	ZM_022_A1_D05	ZM_022_A1_D05_T7C	
29427	ZM_022_A1_D05		ZM_022_A1_D05_MR
29428	ZM_022_A1_D06	ZM_022_A1_D06_T7C	
29429	ZM_022_A1_D06		ZM_022_A1_D06_MR
29430	ZM_022_A1_D07	ZM_022_A1_D07_T7C	
29431	ZM_022_A1_D07		ZM_022_A1_D07_MR
29432	ZM_022_A1_D08	ZM_022_A1_D08_T7C	
29433	ZM_022_A1_D08		ZM_022_A1_D08_MR
29434	ZM_022_A1_D09	ZM_022_A1_D09_T7C	
29435	ZM_022_A1_D09		ZM_022_A1_D09_MR
29436	ZM_022_A1_D10	ZM_022_A1_D10_T7C	
29437	ZM_022_A1_D10		ZM_022_A1_D10_MR
29438	ZM_022_A1_D11	ZM_022_A1_D11_T7C	
29439	ZM_022_A1_D11		ZM_022_A1_D11_MR
29440	ZM_022_A1_D12	ZM_022_A1_D12_T7C	
29441	ZM_022_A1_D12		ZM_022_A1_D12_MR
29442	ZM_022_A1_E01	ZM_022_A1_E01_T7C	
29443	ZM_022_A1_E01		ZM_022_A1_E01_MR
29444	ZM_022_A1_E02	ZM_022_A1_E02_T7C	
29445	ZM_022_A1_E02		ZM_022_A1_E02_MR
29446	ZM_022_A1_E03	ZM_022_A1_E03_T7C	
29447	ZM_022_A1_E03		ZM_022_A1_E03_MR
29448	ZM_022_A1_E04	ZM_022_A1_E04_T7C	
29449	ZM_022_A1_E04		ZM_022_A1_E04_MR
29450	ZM_022_A1_E05	ZM_022_A1_E05_T7C	
29451	ZM_022_A1_E05		ZM_022_A1_E05_MR
29452	ZM_022_A1_E06	ZM_022_A1_E06_T7C	
29453	ZM_022_A1_E06		ZM_022_A1_E06_MR
29454	ZM_022_A1_E07	ZM_022_A1_E07_T7C	
29455	ZM_022_A1_E07		ZM_022_A1_E07_MR
29456	ZM_022_A1_E08	ZM_022_A1_E08_T7C	
29457	ZM_022_A1_E08		ZM_022_A1_E08_MR
29458	ZM_022_A1_E09	ZM_022_A1_E09_T7C	
29459	ZM_022_A1_E09		ZM_022_A1_E09_MR
29460	ZM_022_A1_E10	ZM_022_A1_E10_T7C	
29461	ZM_022_A1_E11	ZM_022_A1_E11_T7C	
29462	ZM_022_A1_E12	ZM_022_A1_E12_T7C	
29463	ZM_022_A1_E12		ZM_022_A1_E12_MR
29464	ZM_022_A1_F01	ZM_022_A1_F01_T7C	
29465	ZM_022_A1_F01		ZM_022_A1_F01_MR
29466	ZM_022_A1_F02	ZM_022_A1_F02_T7C	
29467	ZM_022_A1_F02		ZM_022_A1_F02_MR
29468	ZM_022_A1_F03	ZM_022_A1_F03_T7C	
29469	ZM_022_A1_F03		ZM_022_A1_F03_MR
29470	ZM_022_A1_F04	ZM_022_A1_F04_T7C	
29471	ZM_022_A1_F04		ZM_022_A1_F04_MR
29472	ZM_022_A1_F05	ZM_022_A1_F05_T7C	
29473	ZM_022_A1_F06	ZM_022_A1_F06_T7C	
29474	ZM_022_A1_F06		ZM_022_A1_F06_MR
29475	ZM_022_A1_F07	ZM_022_A1_F07_T7C	
29476	ZM_022_A1_F07		ZM_022_A1_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29477	ZM_022_A1_F08	ZM_022_A1_F08_T7C	
29478	ZM_022_A1_F08		ZM_022_A1_F08_MR
29479	ZM_022_A1_F09	ZM_022_A1_F09_T7C	
29480	ZM_022_A1_F09		ZM_022_A1_F09_MR
29481	ZM_022_A1_F10	ZM_022_A1_F10_T7C	
29482	ZM_022_A1_F10		ZM_022_A1_F10_MR
29483	ZM_022_A1_F11	ZM_022_A1_F11_T7C	
29484	ZM_022_A1_F11		ZM_022_A1_F11_MR
29485	ZM_022_A1_F12	ZM_022_A1_F12_T7C	
29486	ZM_022_A1_F12		ZM_022_A1_F12_MR
29487	ZM_022_A1_G01	ZM_022_A1_G01_T7C	
29488	ZM_022_A1_G01		ZM_022_A1_G01_MR
29489	ZM_022_A1_G02	ZM_022_A1_G02_T7C	
29490	ZM_022_A1_G02		ZM_022_A1_G02_MR
29491	ZM_022_A1_G03	ZM_022_A1_G03_T7C	
29492	ZM_022_A1_G03		ZM_022_A1_G03_MR
29493	ZM_022_A1_G04	ZM_022_A1_G04_T7C	
29494	ZM_022_A1_G04		ZM_022_A1_G04_MR
29495	ZM_022_A1_G05	ZM_022_A1_G05_T7C	
29496	ZM_022_A1_G05		ZM_022_A1_G05_MR
29497	ZM_022_A1_G06	ZM_022_A1_G06_T7C	
29498	ZM_022_A1_G06		ZM_022_A1_G06_MR
29499	ZM_022_A1_G07	ZM_022_A1_G07_T7C	
29500	ZM_022_A1_G07		ZM_022_A1_G07_MR
29501	ZM_022_A1_G08	ZM_022_A1_G08_T7C	
29502	ZM_022_A1_G08		ZM_022_A1_G08_MR
29503	ZM_022_A1_G09	ZM_022_A1_G09_T7C	
29504	ZM_022_A1_G09		ZM_022_A1_G09_MR
29505	ZM_022_A1_G10	ZM_022_A1_G10_T7C	
29506	ZM_022_A1_G10		ZM_022_A1_G10_MR
29507	ZM_022_A1_G11		ZM_022_A1_G11_MR
29508	ZM_022_A1_G12	ZM_022_A1_G12_T7C	
29509	ZM_022_A1_G12		ZM_022_A1_G12_MR
29510	ZM_022_A1_H01		ZM_022_A1_H01_MR
29511	ZM_022_A1_H02	ZM_022_A1_H02_T7C	
29512	ZM_022_A1_H02		ZM_022_A1_H02_MR
29513	ZM_022_A1_H03	ZM_022_A1_H03_T7C	
29514	ZM_022_A1_H03		ZM_022_A1_H03_MR
29515	ZM_022_A1_H04	ZM_022_A1_H04_T7C	
29516	ZM_022_A1_H04		ZM_022_A1_H04_MR
29517	ZM_022_A1_H05	ZM_022_A1_H05_T7C	
29518	ZM_022_A1_H05		ZM_022_A1_H05_MR
29519	ZM_022_A1_H06	ZM_022_A1_H06_T7C	
29520	ZM_022_A1_H06		ZM_022_A1_H06_MR
29521	ZM_022_A1_H07	ZM_022_A1_H07_T7C	
29522	ZM_022_A1_H07		ZM_022_A1_H07_MR
29523	ZM_022_A1_H08	ZM_022_A1_H08_T7C	
29524	ZM_022_A1_H08		ZM_022_A1_H08_MR
29525	ZM_022_A1_H09	ZM_022_A1_H09_T7C	
29526	ZM_022_A1_H09		ZM_022_A1_H09_MR
29527	ZM_022_A1_H10	ZM_022_A1_H10_T7C	
29528	ZM_022_A1_H11	ZM_022_A1_H11_T7C	
29529	ZM_022_A1_H11		ZM_022_A1_H11_MR
29530	ZM_022_A1_H12	ZM_022_A1_H12_T7C	
29531	ZM_022_A1_H12		ZM_022_A1_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29532	ZM_022_A2_A01	ZM_022_A2_A01_T7C	
29533	ZM_022_A2_A01		ZM_022_A2_A01_MR
29534	ZM_022_A2_A02	ZM_022_A2_A02_T7C	
29535	ZM_022_A2_A02		ZM_022_A2_A02_MR
29536	ZM_022_A2_A03	ZM_022_A2_A03_T7C	
29537	ZM_022_A2_A03		ZM_022_A2_A03_MR
29538	ZM_022_A2_A04	ZM_022_A2_A04_T7C	
29539	ZM_022_A2_A04		ZM_022_A2_A04_MR
29540	ZM_022_A2_A05	ZM_022_A2_A05_T7C	
29541	ZM_022_A2_A05		ZM_022_A2_A05_MR
29542	ZM_022_A2_A06	ZM_022_A2_A06_T7C	
29543	ZM_022_A2_A06		ZM_022_A2_A06_MR
29544	ZM_022_A2_A07		ZM_022_A2_A07_MR
29545	ZM_022_A2_A08		ZM_022_A2_A08_MR
29546	ZM_022_A2_A09	ZM_022_A2_A09_T7C	
29547	ZM_022_A2_A09		ZM_022_A2_A09_MR
29548	ZM_022_A2_A10	ZM_022_A2_A10_T7C	
29549	ZM_022_A2_A10		ZM_022_A2_A10_MR
29550	ZM_022_A2_A11		ZM_022_A2_A11_MR
29551	ZM_022_A2_A12	ZM_022_A2_A12_T7C	
29552	ZM_022_A2_A12		ZM_022_A2_A12_MR
29553	ZM_022_A2_B01	ZM_022_A2_B01_T7C	
29554	ZM_022_A2_B01		ZM_022_A2_B01_MR
29555	ZM_022_A2_B02	ZM_022_A2_B02_T7C	
29556	ZM_022_A2_B02		ZM_022_A2_B02_MR
29557	ZM_022_A2_B03	ZM_022_A2_B03_T7C	
29558	ZM_022_A2_B03		ZM_022_A2_B03_MR
29559	ZM_022_A2_B04	ZM_022_A2_B04_T7C	
29560	ZM_022_A2_B04		ZM_022_A2_B04_MR
29561	ZM_022_A2_B05	ZM_022_A2_B05_T7C	
29562	ZM_022_A2_B05		ZM_022_A2_B05_MR
29563	ZM_022_A2_B06	ZM_022_A2_B06_T7C	
29564	ZM_022_A2_B06		ZM_022_A2_B06_MR
29565	ZM_022_A2_B07	ZM_022_A2_B07_T7C	
29566	ZM_022_A2_B07		ZM_022_A2_B07_MR
29567	ZM_022_A2_B08		ZM_022_A2_B08_MR
29568	ZM_022_A2_B09		ZM_022_A2_B09_MR
29569	ZM_022_A2_B10	ZM_022_A2_B10_T7C	
29570	ZM_022_A2_B10		ZM_022_A2_B10_MR
29571	ZM_022_A2_B11		ZM_022_A2_B11_MR
29572	ZM_022_A2_B12	ZM_022_A2_B12_T7C	
29573	ZM_022_A2_B12		ZM_022_A2_B12_MR
29574	ZM_022_A2_C01	ZM_022_A2_C01_T7C	
29575	ZM_022_A2_C01		ZM_022_A2_C01_MR
29576	ZM_022_A2_C02	ZM_022_A2_C02_T7C	
29577	ZM_022_A2_C02		ZM_022_A2_C02_MR
29578	ZM_022_A2_C03	ZM_022_A2_C03_T7C	
29579	ZM_022_A2_C03		ZM_022_A2_C03_MR
29580	ZM_022_A2_C04	ZM_022_A2_C04_T7C	
29581	ZM_022_A2_C04		ZM_022_A2_C04_MR
29582	ZM_022_A2_C05	ZM_022_A2_C05_T7C	
29583	ZM_022_A2_C05		ZM_022_A2_C05_MR
29584	ZM_022_A2_C06	ZM_022_A2_C06_T7C	
29585	ZM_022_A2_C06		ZM_022_A2_C06_MR
29586	ZM_022_A2_C07	ZM_022_A2_C07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29587	ZM_022_A2_C07		ZM_022_A2_C07_MR
29588	ZM_022_A2_C08		ZM_022_A2_C08_MR
29589	ZM_022_A2_C09	ZM_022_A2_C09_T7C	
29590	ZM_022_A2_C09		ZM_022_A2_C09_MR
29591	ZM_022_A2_C10	ZM_022_A2_C10_T7C	
29592	ZM_022_A2_C10		ZM_022_A2_C10_MR
29593	ZM_022_A2_C11	ZM_022_A2_C11_T7C	
29594	ZM_022_A2_C11		ZM_022_A2_C11_MR
29595	ZM_022_A2_C12	ZM_022_A2_C12_T7C	
29596	ZM_022_A2_C12		ZM_022_A2_C12_MR
29597	ZM_022_A2_D01	ZM_022_A2_D01_T7C	
29598	ZM_022_A2_D01		ZM_022_A2_D01_MR
29599	ZM_022_A2_D02	ZM_022_A2_D02_T7C	
29600	ZM_022_A2_D02		ZM_022_A2_D02_MR
29601	ZM_022_A2_D03	ZM_022_A2_D03_T7C	
29602	ZM_022_A2_D03		ZM_022_A2_D03_MR
29603	ZM_022_A2_D04	ZM_022_A2_D04_T7C	
29604	ZM_022_A2_D04		ZM_022_A2_D04_MR
29605	ZM_022_A2_D05	ZM_022_A2_D05_T7C	
29606	ZM_022_A2_D05		ZM_022_A2_D05_MR
29607	ZM_022_A2_D06	ZM_022_A2_D06_T7C	
29608	ZM_022_A2_D06		ZM_022_A2_D06_MR
29609	ZM_022_A2_D07	ZM_022_A2_D07_T7C	
29610	ZM_022_A2_D07		ZM_022_A2_D07_MR
29611	ZM_022_A2_D08	ZM_022_A2_D08_T7C	
29612	ZM_022_A2_D08		ZM_022_A2_D08_MR
29613	ZM_022_A2_D09	ZM_022_A2_D09_T7C	
29614	ZM_022_A2_D09		ZM_022_A2_D09_MR
29615	ZM_022_A2_D10		ZM_022_A2_D10_MR
29616	ZM_022_A2_D11	ZM_022_A2_D11_T7C	
29617	ZM_022_A2_D11		ZM_022_A2_D11_MR
29618	ZM_022_A2_D12	ZM_022_A2_D12_T7C	
29619	ZM_022_A2_D12		ZM_022_A2_D12_MR
29620	ZM_022_A2_E01	ZM_022_A2_E01_T7C	
29621	ZM_022_A2_E01		ZM_022_A2_E01_MR
29622	ZM_022_A2_E02	ZM_022_A2_E02_T7C	
29623	ZM_022_A2_E02		ZM_022_A2_E02_MR
29624	ZM_022_A2_E03	ZM_022_A2_E03_T7C	
29625	ZM_022_A2_E03		ZM_022_A2_E03_MR
29626	ZM_022_A2_E04	ZM_022_A2_E04_T7C	
29627	ZM_022_A2_E04		ZM_022_A2_E04_MR
29628	ZM_022_A2_E05	ZM_022_A2_E05_T7C	
29629	ZM_022_A2_E05		ZM_022_A2_E05_MR
29630	ZM_022_A2_E07	ZM_022_A2_E07_T7C	
29631	ZM_022_A2_E07		ZM_022_A2_E07_MR
29632	ZM_022_A2_E08	ZM_022_A2_E08_T7C	
29633	ZM_022_A2_E08		ZM_022_A2_E08_MR
29634	ZM_022_A2_E09	ZM_022_A2_E09_T7C	
29635	ZM_022_A2_E09		ZM_022_A2_E09_MR
29636	ZM_022_A2_E10	ZM_022_A2_E10_T7C	
29637	ZM_022_A2_E10		ZM_022_A2_E10_MR
29638	ZM_022_A2_E11	ZM_022_A2_E11_T7C	
29639	ZM_022_A2_E11		ZM_022_A2_E11_MR
29640	ZM_022_A2_E12	ZM_022_A2_E12_T7C	
29641	ZM_022_A2_E12		ZM_022_A2_E12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29642	ZM_022_A2_F01	ZM_022_A2_F01_T7C	
29643	ZM_022_A2_F01		ZM_022_A2_F01_MR
29644	ZM_022_A2_F02	ZM_022_A2_F02_T7C	
29645	ZM_022_A2_F02		ZM_022_A2_F02_MR
29646	ZM_022_A2_F03	ZM_022_A2_F03_T7C	
29647	ZM_022_A2_F03		ZM_022_A2_F03_MR
29648	ZM_022_A2_F04	ZM_022_A2_F04_T7C	
29649	ZM_022_A2_F04		ZM_022_A2_F04_MR
29650	ZM_022_A2_F05	ZM_022_A2_F05_T7C	
29651	ZM_022_A2_F05		ZM_022_A2_F05_MR
29652	ZM_022_A2_F06	ZM_022_A2_F06_T7C	
29653	ZM_022_A2_F06		ZM_022_A2_F06_MR
29654	ZM_022_A2_F07	ZM_022_A2_F07_T7C	
29655	ZM_022_A2_F07		ZM_022_A2_F07_MR
29656	ZM_022_A2_F08	ZM_022_A2_F08_T7C	
29657	ZM_022_A2_F08		ZM_022_A2_F08_MR
29658	ZM_022_A2_F09	ZM_022_A2_F09_T7C	
29659	ZM_022_A2_F09		ZM_022_A2_F09_MR
29660	ZM_022_A2_F10	ZM_022_A2_F10_T7C	
29661	ZM_022_A2_F10		ZM_022_A2_F10_MR
29662	ZM_022_A2_F11	ZM_022_A2_F11_T7C	
29663	ZM_022_A2_F11		ZM_022_A2_F11_MR
29664	ZM_022_A2_F12	ZM_022_A2_F12_T7C	
29665	ZM_022_A2_F12		ZM_022_A2_F12_MR
29666	ZM_022_A2_G01	ZM_022_A2_G01_T7C	
29667	ZM_022_A2_G01		ZM_022_A2_G01_MR
29668	ZM_022_A2_G02	ZM_022_A2_G02_T7C	
29669	ZM_022_A2_G02		ZM_022_A2_G02_MR
29670	ZM_022_A2_G03	ZM_022_A2_G03_T7C	
29671	ZM_022_A2_G03		ZM_022_A2_G03_MR
29672	ZM_022_A2_G04	ZM_022_A2_G04_T7C	
29673	ZM_022_A2_G04		ZM_022_A2_G04_MR
29674	ZM_022_A2_G05	ZM_022_A2_G05_T7C	
29675	ZM_022_A2_G05		ZM_022_A2_G05_MR
29676	ZM_022_A2_G06	ZM_022_A2_G06_T7C	
29677	ZM_022_A2_G07	ZM_022_A2_G07_T7C	
29678	ZM_022_A2_G07		ZM_022_A2_G07_MR
29679	ZM_022_A2_G08	ZM_022_A2_G08_T7C	
29680	ZM_022_A2_G08		ZM_022_A2_G08_MR
29681	ZM_022_A2_G09	ZM_022_A2_G09_T7C	
29682	ZM_022_A2_G09		ZM_022_A2_G09_MR
29683	ZM_022_A2_G10		ZM_022_A2_G10_MR
29684	ZM_022_A2_G11	ZM_022_A2_G11_T7C	
29685	ZM_022_A2_G11		ZM_022_A2_G11_MR
29686	ZM_022_A2_G12		ZM_022_A2_G12_MR
29687	ZM_022_A2_H01	ZM_022_A2_H01_T7C	
29688	ZM_022_A2_H01		ZM_022_A2_H01_MR
29689	ZM_022_A2_H02	ZM_022_A2_H02_T7C	
29690	ZM_022_A2_H02		ZM_022_A2_H02_MR
29691	ZM_022_A2_H03	ZM_022_A2_H03_T7C	
29692	ZM_022_A2_H03		ZM_022_A2_H03_MR
29693	ZM_022_A2_H04	ZM_022_A2_H04_T7C	
29694	ZM_022_A2_H04		ZM_022_A2_H04_MR
29695	ZM_022_A2_H05	ZM_022_A2_H05_T7C	
29696	ZM_022_A2_H05		ZM_022_A2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29697	ZM_022_A2_H06	ZM_022_A2_H06_T7C	
29698	ZM_022_A2_H06		ZM_022_A2_H06_MR
29699	ZM_022_A2_H07	ZM_022_A2_H07_T7C	
29700	ZM_022_A2_H07		ZM_022_A2_H07_MR
29701	ZM_022_A2_H08	ZM_022_A2_H08_T7C	
29702	ZM_022_A2_H08		ZM_022_A2_H08_MR
29703	ZM_022_A2_H09	ZM_022_A2_H09_T7C	
29704	ZM_022_A2_H09		ZM_022_A2_H09_MR
29705	ZM_022_A2_H10	ZM_022_A2_H10_T7C	
29706	ZM_022_A2_H10		ZM_022_A2_H10_MR
29707	ZM_022_A2_H11	ZM_022_A2_H11_T7C	
29708	ZM_022_A2_H11		ZM_022_A2_H11_MR
29709	ZM_022_B1_A01		ZM_022_B1_A01_MR
29710	ZM_022_B1_A02	ZM_022_B1_A02_T7C	
29711	ZM_022_B1_A04	ZM_022_B1_A04_T7C	
29712	ZM_022_B1_A04		ZM_022_B1_A04_MR
29713	ZM_022_B1_A05	ZM_022_B1_A05_T7C	
29714	ZM_022_B1_A06	ZM_022_B1_A06_T7C	
29715	ZM_022_B1_A07	ZM_022_B1_A07_T7C	
29716	ZM_022_B1_A08	ZM_022_B1_A08_T7C	
29717	ZM_022_B1_A09	ZM_022_B1_A09_T7C	
29718	ZM_022_B1_A10	ZM_022_B1_A10_T7C	
29719	ZM_022_B1_A11	ZM_022_B1_A11_T7C	
29720	ZM_022_B1_A12	ZM_022_B1_A12_T7C	
29721	ZM_022_B1_B01	ZM_022_B1_B01_T7C	
29722	ZM_022_B1_B02	ZM_022_B1_B02_T7C	
29723	ZM_022_B1_B03	ZM_022_B1_B03_T7C	
29724	ZM_022_B1_B04	ZM_022_B1_B04_T7C	
29725	ZM_022_B1_B04		ZM_022_B1_B04_MR
29726	ZM_022_B1_B05	ZM_022_B1_B05_T7C	
29727	ZM_022_B1_B06	ZM_022_B1_B06_T7C	
29728	ZM_022_B1_B06		ZM_022_B1_B06_MR
29729	ZM_022_B1_B07	ZM_022_B1_B07_T7C	
29730	ZM_022_B1_B07		ZM_022_B1_B07_MR
29731	ZM_022_B1_B08	ZM_022_B1_B08_T7C	
29732	ZM_022_B1_B10	ZM_022_B1_B10_T7C	
29733	ZM_022_B1_B10		ZM_022_B1_B10_MR
29734	ZM_022_B1_B11	ZM_022_B1_B11_T7C	
29735	ZM_022_B1_B11		ZM_022_B1_B11_MR
29736	ZM_022_B1_B12	ZM_022_B1_B12_T7C	
29737	ZM_022_B1_B12		ZM_022_B1_B12_MR
29738	ZM_022_B1_C01	ZM_022_B1_C01_T7C	
29739	ZM_022_B1_C01		ZM_022_B1_C01_MR
29740	ZM_022_B1_C02	ZM_022_B1_C02_T7C	
29741	ZM_022_B1_C03	ZM_022_B1_C03_T7C	
29742	ZM_022_B1_C04	ZM_022_B1_C04_T7C	
29743	ZM_022_B1_C04		ZM_022_B1_C04_MR
29744	ZM_022_B1_C05	ZM_022_B1_C05_T7C	
29745	ZM_022_B1_C07	ZM_022_B1_C07_T7C	
29746	ZM_022_B1_C07		ZM_022_B1_C07_MR
29747	ZM_022_B1_C08	ZM_022_B1_C08_T7C	
29748	ZM_022_B1_C08		ZM_022_B1_C08_MR
29749	ZM_022_B1_C09	ZM_022_B1_C09_T7C	
29750	ZM_022_B1_C10	ZM_022_B1_C10_T7C	
29751	ZM_022_B1_C11	ZM_022_B1_C11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29752	ZM_022_B1_C12	ZM_022_B1_C12_T7C	
29753	ZM_022_B1_D01	ZM_022_B1_D01_T7C	
29754	ZM_022_B1_D01		ZM_022_B1_D01_MR
29755	ZM_022_B1_D02	ZM_022_B1_D02_T7C	
29756	ZM_022_B1_D02		ZM_022_B1_D02_MR
29757	ZM_022_B1_D03	ZM_022_B1_D03_T7C	
29758	ZM_022_B1_D03		ZM_022_B1_D03_MR
29759	ZM_022_B1_D04		ZM_022_B1_D04_MR
29760	ZM_022_B1_D05	ZM_022_B1_D05_T7C	
29761	ZM_022_B1_D05		ZM_022_B1_D05_MR
29762	ZM_022_B1_D06	ZM_022_B1_D06_T7C	
29763	ZM_022_B1_D07	ZM_022_B1_D07_T7C	
29764	ZM_022_B1_D07		ZM_022_B1_D07_MR
29765	ZM_022_B1_D08	ZM_022_B1_D08_T7C	
29766	ZM_022_B1_D08		ZM_022_B1_D08_MR
29767	ZM_022_B1_D09	ZM_022_B1_D09_T7C	
29768	ZM_022_B1_D10	ZM_022_B1_D10_T7C	
29769	ZM_022_B1_D11	ZM_022_B1_D11_T7C	
29770	ZM_022_B1_D11		ZM_022_B1_D11_MR
29771	ZM_022_B1_E01	ZM_022_B1_E01_T7C	
29772	ZM_022_B1_E01		ZM_022_B1_E01_MR
29773	ZM_022_B1_E02	ZM_022_B1_E02_T7C	
29774	ZM_022_B1_E03		ZM_022_B1_E03_MR
29775	ZM_022_B1_E04	ZM_022_B1_E04_T7C	
29776	ZM_022_B1_E05	ZM_022_B1_E05_T7C	
29777	ZM_022_B1_E06	ZM_022_B1_E06_T7C	
29778	ZM_022_B1_E07	ZM_022_B1_E07_T7C	
29779	ZM_022_B1_E08	ZM_022_B1_E08_T7C	
29780	ZM_022_B1_E08		ZM_022_B1_E08_MR
29781	ZM_022_B1_E09	ZM_022_B1_E09_T7C	
29782	ZM_022_B1_E10	ZM_022_B1_E10_T7C	
29783	ZM_022_B1_E11	ZM_022_B1_E11_T7C	
29784	ZM_022_B1_E11		ZM_022_B1_E11_MR
29785	ZM_022_B1_E12	ZM_022_B1_E12_T7C	
29786	ZM_022_B1_F01	ZM_022_B1_F01_T7C	
29787	ZM_022_B1_F01		ZM_022_B1_F01_MR
29788	ZM_022_B1_F02	ZM_022_B1_F02_T7C	
29789	ZM_022_B1_F02		ZM_022_B1_F02_MR
29790	ZM_022_B1_F03		ZM_022_B1_F03_MR
29791	ZM_022_B1_F04	ZM_022_B1_F04_T7C	
29792	ZM_022_B1_F04		ZM_022_B1_F04_MR
29793	ZM_022_B1_F05	ZM_022_B1_F05_T7C	
29794	ZM_022_B1_F06	ZM_022_B1_F06_T7C	
29795	ZM_022_B1_F07	ZM_022_B1_F07_T7C	
29796	ZM_022_B1_F07		ZM_022_B1_F07_MR
29797	ZM_022_B1_F08	ZM_022_B1_F08_T7C	
29798	ZM_022_B1_F08		ZM_022_B1_F08_MR
29799	ZM_022_B1_F09	ZM_022_B1_F09_T7C	
29800	ZM_022_B1_F09		ZM_022_B1_F09_MR
29801	ZM_022_B1_F10	ZM_022_B1_F10_T7C	
29802	ZM_022_B1_F11	ZM_022_B1_F11_T7C	
29803	ZM_022_B1_F11		ZM_022_B1_F11_MR
29804	ZM_022_B1_F12	ZM_022_B1_F12_T7C	
29805	ZM_022_B1_F12		ZM_022_B1_F12_MR
29806	ZM_022_B1_G01	ZM_022_B1_G01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29807	ZM_022_B1_G01		ZM_022_B1_G01_MR
29808	ZM_022_B1_G02	ZM_022_B1_G02_T7C	
29809	ZM_022_B1_G02		ZM_022_B1_G02_MR
29810	ZM_022_B1_G04	ZM_022_B1_G04_T7C	
29811	ZM_022_B1_G05	ZM_022_B1_G05_T7C	
29812	ZM_022_B1_G05		ZM_022_B1_G05_MR
29813	ZM_022_B1_G06	ZM_022_B1_G06_T7C	
29814	ZM_022_B1_G07	ZM_022_B1_G07_T7C	
29815	ZM_022_B1_G07		ZM_022_B1_G07_MR
29816	ZM_022_B1_G08	ZM_022_B1_G08_T7C	
29817	ZM_022_B1_G08		ZM_022_B1_G08_MR
29818	ZM_022_B1_G09	ZM_022_B1_G09_T7C	
29819	ZM_022_B1_G10	ZM_022_B1_G10_T7C	
29820	ZM_022_B1_G10		ZM_022_B1_G10_MR
29821	ZM_022_B1_G11	ZM_022_B1_G11_T7C	
29822	ZM_022_B1_G11		ZM_022_B1_G11_MR
29823	ZM_022_B1_G12	ZM_022_B1_G12_T7C	
29824	ZM_022_B1_H01	ZM_022_B1_H01_T7C	
29825	ZM_022_B1_H01		ZM_022_B1_H01_MR
29826	ZM_022_B1_H02	ZM_022_B1_H02_T7C	
29827	ZM_022_B1_H03	ZM_022_B1_H03_T7C	
29828	ZM_022_B1_H03		ZM_022_B1_H03_MR
29829	ZM_022_B1_H04	ZM_022_B1_H04_T7C	
29830	ZM_022_B1_H04		ZM_022_B1_H04_MR
29831	ZM_022_B1_H05	ZM_022_B1_H05_T7C	
29832	ZM_022_B1_H05		ZM_022_B1_H05_MR
29833	ZM_022_B1_H06	ZM_022_B1_H06_T7C	
29834	ZM_022_B1_H07	ZM_022_B1_H07_T7C	
29835	ZM_022_B1_H07		ZM_022_B1_H07_MR
29836	ZM_022_B1_H08	ZM_022_B1_H08_T7C	
29837	ZM_022_B1_H08		ZM_022_B1_H08_MR
29838	ZM_022_B1_H10	ZM_022_B1_H10_T7C	
29839	ZM_022_B1_H10		ZM_022_B1_H10_MR
29840	ZM_022_B1_H11	ZM_022_B1_H11_T7C	
29841	ZM_022_B1_H11		ZM_022_B1_H11_MR
29842	ZM_022_B1_H12	ZM_022_B1_H12_T7C	
29843	ZM_022_B1_H12		ZM_022_B1_H12_MR
29844	ZM_022_B2_A01	ZM_022_B2_A01_T7C	
29845	ZM_022_B2_A01		ZM_022_B2_A01_MR
29846	ZM_022_B2_A02	ZM_022_B2_A02_T7C	
29847	ZM_022_B2_A02		ZM_022_B2_A02_MR
29848	ZM_022_B2_A03		ZM_022_B2_A03_MR
29849	ZM_022_B2_A04	ZM_022_B2_A04_T7C	
29850	ZM_022_B2_A04		ZM_022_B2_A04_MR
29851	ZM_022_B2_A05	ZM_022_B2_A05_T7C	
29852	ZM_022_B2_A05		ZM_022_B2_A05_MR
29853	ZM_022_B2_A08	ZM_022_B2_A08_T7C	
29854	ZM_022_B2_A09	ZM_022_B2_A09_T7C	
29855	ZM_022_B2_A10	ZM_022_B2_A10_T7C	
29856	ZM_022_B2_A11	ZM_022_B2_A11_T7C	
29857	ZM_022_B2_A12	ZM_022_B2_A12_T7C	
29858	ZM_022_B2_B01	ZM_022_B2_B01_T7C	
29859	ZM_022_B2_B01		ZM_022_B2_B01_MR
29860	ZM_022_B2_B02		ZM_022_B2_B02_MR
29861	ZM_022_B2_B03	ZM_022_B2_B03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29862	ZM_022_B2_B03		ZM_022_B2_B03_MR
29863	ZM_022_B2_B04	ZM_022_B2_B04_T7C	
29864	ZM_022_B2_B04		ZM_022_B2_B04_MR
29865	ZM_022_B2_B05	ZM_022_B2_B05_T7C	
29866	ZM_022_B2_B05		ZM_022_B2_B05_MR
29867	ZM_022_B2_B06	ZM_022_B2_B06_T7C	
29868	ZM_022_B2_B06		ZM_022_B2_B06_MR
29869	ZM_022_B2_B08	ZM_022_B2_B08_T7C	
29870	ZM_022_B2_B08		ZM_022_B2_B08_MR
29871	ZM_022_B2_B09	ZM_022_B2_B09_T7C	
29872	ZM_022_B2_B09		ZM_022_B2_B09_MR
29873	ZM_022_B2_B10	ZM_022_B2_B10_T7C	
29874	ZM_022_B2_B10		ZM_022_B2_B10_MR
29875	ZM_022_B2_B11	ZM_022_B2_B11_T7C	
29876	ZM_022_B2_B11		ZM_022_B2_B11_MR
29877	ZM_022_B2_B12	ZM_022_B2_B12_T7C	
29878	ZM_022_B2_B12		ZM_022_B2_B12_MR
29879	ZM_022_B2_C01	ZM_022_B2_C01_T7C	
29880	ZM_022_B2_C01		ZM_022_B2_C01_MR
29881	ZM_022_B2_C02		ZM_022_B2_C02_MR
29882	ZM_022_B2_C03	ZM_022_B2_C03_T7C	
29883	ZM_022_B2_C03		ZM_022_B2_C03_MR
29884	ZM_022_B2_C04	ZM_022_B2_C04_T7C	
29885	ZM_022_B2_C04		ZM_022_B2_C04_MR
29886	ZM_022_B2_C05	ZM_022_B2_C05_T7C	
29887	ZM_022_B2_C05		ZM_022_B2_C05_MR
29888	ZM_022_B2_C06	ZM_022_B2_C06_T7C	
29889	ZM_022_B2_C06		ZM_022_B2_C06_MR
29890	ZM_022_B2_C07	ZM_022_B2_C07_T7C	
29891	ZM_022_B2_C07		ZM_022_B2_C07_MR
29892	ZM_022_B2_C08		ZM_022_B2_C08_MR
29893	ZM_022_B2_C09	ZM_022_B2_C09_T7C	
29894	ZM_022_B2_C09		ZM_022_B2_C09_MR
29895	ZM_022_B2_C10	ZM_022_B2_C10_T7C	
29896	ZM_022_B2_C11	ZM_022_B2_C11_T7C	
29897	ZM_022_B2_C11		ZM_022_B2_C11_MR
29898	ZM_022_B2_C12	ZM_022_B2_C12_T7C	
29899	ZM_022_B2_C12		ZM_022_B2_C12_MR
29900	ZM_022_B2_D01		ZM_022_B2_D01_MR
29901	ZM_022_B2_D02		ZM_022_B2_D02_MR
29902	ZM_022_B2_D03	ZM_022_B2_D03_T7C	
29903	ZM_022_B2_D03		ZM_022_B2_D03_MR
29904	ZM_022_B2_D04	ZM_022_B2_D04_T7C	
29905	ZM_022_B2_D04		ZM_022_B2_D04_MR
29906	ZM_022_B2_D05	ZM_022_B2_D05_T7C	
29907	ZM_022_B2_D05		ZM_022_B2_D05_MR
29908	ZM_022_B2_D06	ZM_022_B2_D06_T7C	
29909	ZM_022_B2_D06		ZM_022_B2_D06_MR
29910	ZM_022_B2_D07	ZM_022_B2_D07_T7C	
29911	ZM_022_B2_D07		ZM_022_B2_D07_MR
29912	ZM_022_B2_D08	ZM_022_B2_D08_T7C	
29913	ZM_022_B2_D08		ZM_022_B2_D08_MR
29914	ZM_022_B2_D09	ZM_022_B2_D09_T7C	
29915	ZM_022_B2_D09		ZM_022_B2_D09_MR
29916	ZM_022_B2_D10	ZM_022_B2_D10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29917	ZM_022_B2_D10		ZM_022_B2_D10_MR
29918	ZM_022_B2_D11	ZM_022_B2_D11_T7C	
29919	ZM_022_B2_D11		ZM_022_B2_D11_MR
29920	ZM_022_B2_D12	ZM_022_B2_D12_T7C	
29921	ZM_022_B2_D12		ZM_022_B2_D12_MR
29922	ZM_022_B2_E01	ZM_022_B2_E01_T7C	
29923	ZM_022_B2_E01		ZM_022_B2_E01_MR
29924	ZM_022_B2_E02	ZM_022_B2_E02_T7C	
29925	ZM_022_B2_E02		ZM_022_B2_E02_MR
29926	ZM_022_B2_E03	ZM_022_B2_E03_T7C	
29927	ZM_022_B2_E03		ZM_022_B2_E03_MR
29928	ZM_022_B2_E04	ZM_022_B2_E04_T7C	
29929	ZM_022_B2_E05	ZM_022_B2_E05_T7C	
29930	ZM_022_B2_E05		ZM_022_B2_E05_MR
29931	ZM_022_B2_E06	ZM_022_B2_E06_T7C	
29932	ZM_022_B2_E06		ZM_022_B2_E06_MR
29933	ZM_022_B2_E07	ZM_022_B2_E07_T7C	
29934	ZM_022_B2_E07		ZM_022_B2_E07_MR
29935	ZM_022_B2_E08	ZM_022_B2_E08_T7C	
29936	ZM_022_B2_E08		ZM_022_B2_E08_MR
29937	ZM_022_B2_E09	ZM_022_B2_E09_T7C	
29938	ZM_022_B2_E09		ZM_022_B2_E09_MR
29939	ZM_022_B2_E10	ZM_022_B2_E10_T7C	
29940	ZM_022_B2_E10		ZM_022_B2_E10_MR
29941	ZM_022_B2_E11	ZM_022_B2_E11_T7C	
29942	ZM_022_B2_E11		ZM_022_B2_E11_MR
29943	ZM_022_B2_E12	ZM_022_B2_E12_T7C	
29944	ZM_022_B2_E12		ZM_022_B2_E12_MR
29945	ZM_022_B2_F01	ZM_022_B2_F01_T7C	
29946	ZM_022_B2_F01		ZM_022_B2_F01_MR
29947	ZM_022_B2_F02	ZM_022_B2_F02_T7C	
29948	ZM_022_B2_F02		ZM_022_B2_F02_MR
29949	ZM_022_B2_F03	ZM_022_B2_F03_T7C	
29950	ZM_022_B2_F03		ZM_022_B2_F03_MR
29951	ZM_022_B2_F04	ZM_022_B2_F04_T7C	
29952	ZM_022_B2_F04		ZM_022_B2_F04_MR
29953	ZM_022_B2_F05	ZM_022_B2_F05_T7C	
29954	ZM_022_B2_F05		ZM_022_B2_F05_MR
29955	ZM_022_B2_F06	ZM_022_B2_F06_T7C	
29956	ZM_022_B2_F06		ZM_022_B2_F06_MR
29957	ZM_022_B2_F07	ZM_022_B2_F07_T7C	
29958	ZM_022_B2_F07		ZM_022_B2_F07_MR
29959	ZM_022_B2_F08	ZM_022_B2_F08_T7C	
29960	ZM_022_B2_F08		ZM_022_B2_F08_MR
29961	ZM_022_B2_F09	ZM_022_B2_F09_T7C	
29962	ZM_022_B2_F09		ZM_022_B2_F09_MR
29963	ZM_022_B2_F10	ZM_022_B2_F10_T7C	
29964	ZM_022_B2_F10		ZM_022_B2_F10_MR
29965	ZM_022_B2_F11	ZM_022_B2_F11_T7C	
29966	ZM_022_B2_F11		ZM_022_B2_F11_MR
29967	ZM_022_B2_F12	ZM_022_B2_F12_T7C	
29968	ZM_022_B2_F12		ZM_022_B2_F12_MR
29969	ZM_022_B2_G01	ZM_022_B2_G01_T7C	
29970	ZM_022_B2_G01		ZM_022_B2_G01_MR
29971	ZM_022_B2_G02	ZM_022_B2_G02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
29972	ZM_022_B2_G02		ZM_022_B2_G02_MR
29973	ZM_022_B2_G03	ZM_022_B2_G03_T7C	
29974	ZM_022_B2_G03		ZM_022_B2_G03_MR
29975	ZM_022_B2_G04	ZM_022_B2_G04_T7C	
29976	ZM_022_B2_G04		ZM_022_B2_G04_MR
29977	ZM_022_B2_G05	ZM_022_B2_G05_T7C	
29978	ZM_022_B2_G05		ZM_022_B2_G05_MR
29979	ZM_022_B2_G06	ZM_022_B2_G06_T7C	
29980	ZM_022_B2_G06		ZM_022_B2_G06_MR
29981	ZM_022_B2_G07	ZM_022_B2_G07_T7C	
29982	ZM_022_B2_G07		ZM_022_B2_G07_MR
29983	ZM_022_B2_G08	ZM_022_B2_G08_T7C	
29984	ZM_022_B2_G08		ZM_022_B2_G08_MR
29985	ZM_022_B2_G09	ZM_022_B2_G09_T7C	
29986	ZM_022_B2_G09		ZM_022_B2_G09_MR
29987	ZM_022_B2_G10	ZM_022_B2_G10_T7C	
29988	ZM_022_B2_G10		ZM_022_B2_G10_MR
29989	ZM_022_B2_G11	ZM_022_B2_G11_T7C	
29990	ZM_022_B2_G11		ZM_022_B2_G11_MR
29991	ZM_022_B2_G12	ZM_022_B2_G12_T7C	
29992	ZM_022_B2_G12		ZM_022_B2_G12_MR
29993	ZM_022_B2_H01	ZM_022_B2_H01_T7C	
29994	ZM_022_B2_H01		ZM_022_B2_H01_MR
29995	ZM_022_B2_H02	ZM_022_B2_H02_T7C	
29996	ZM_022_B2_H02		ZM_022_B2_H02_MR
29997	ZM_022_B2_H03	ZM_022_B2_H03_T7C	
29998	ZM_022_B2_H03		ZM_022_B2_H03_MR
29999	ZM_022_B2_H04	ZM_022_B2_H04_T7C	
30000	ZM_022_B2_H04		ZM_022_B2_H04_MR
30001	ZM_022_B2_H05	ZM_022_B2_H05_T7C	
30002	ZM_022_B2_H05		ZM_022_B2_H05_MR
30003	ZM_022_B2_H06	ZM_022_B2_H06_T7C	
30004	ZM_022_B2_H06		ZM_022_B2_H06_MR
30005	ZM_022_B2_H07	ZM_022_B2_H07_T7C	
30006	ZM_022_B2_H07		ZM_022_B2_H07_MR
30007	ZM_022_B2_H08	ZM_022_B2_H08_T7C	
30008	ZM_022_B2_H08		ZM_022_B2_H08_MR
30009	ZM_022_B2_H09	ZM_022_B2_H09_T7C	
30010	ZM_022_B2_H09		ZM_022_B2_H09_MR
30011	ZM_022_B2_H10	ZM_022_B2_H10_T7C	
30012	ZM_022_B2_H10		ZM_022_B2_H10_MR
30013	ZM_022_B2_H11	ZM_022_B2_H11_T7C	
30014	ZM_022_B2_H11		ZM_022_B2_H11_MR
30015	ZM_022_B2_H12	ZM_022_B2_H12_T7C	
30016	ZM_022_B2_H12		ZM_022_B2_H12_MR
30017	ZM_023_A1_A01		ZM_023_A1_A01_MR
30018	ZM_023_A1_A02		ZM_023_A1_A02_MR
30019	ZM_023_A1_A04		ZM_023_A1_A04_MR
30020	ZM_023_A1_A06		ZM_023_A1_A06_MR
30021	ZM_023_A1_A07		ZM_023_A1_A07_MR
30022	ZM_023_A1_A08		ZM_023_A1_A08_MR
30023	ZM_023_A1_A10		ZM_023_A1_A10_MR
30024	ZM_023_A1_A11		ZM_023_A1_A11_MR
30025	ZM_023_A1_A12		ZM_023_A1_A12_MR
30026	ZM_023_A1_B01		ZM_023_A1_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30027	ZM_023_A1_B02		ZM_023_A1_B02_MR
30028	ZM_023_A1_B03		ZM_023_A1_B03_MR
30029	ZM_023_A1_B04		ZM_023_A1_B04_MR
30030	ZM_023_A1_B05		ZM_023_A1_B05_MR
30031	ZM_023_A1_B06		ZM_023_A1_B06_MR
30032	ZM_023_A1_B07		ZM_023_A1_B07_MR
30033	ZM_023_A1_B08		ZM_023_A1_B08_MR
30034	ZM_023_A1_B09		ZM_023_A1_B09_MR
30035	ZM_023_A1_B11		ZM_023_A1_B11_MR
30036	ZM_023_A1_B12		ZM_023_A1_B12_MR
30037	ZM_023_A1_C01		ZM_023_A1_C01_MR
30038	ZM_023_A1_C02		ZM_023_A1_C02_MR
30039	ZM_023_A1_C03		ZM_023_A1_C03_MR
30040	ZM_023_A1_C04		ZM_023_A1_C04_MR
30041	ZM_023_A1_C05		ZM_023_A1_C05_MR
30042	ZM_023_A1_C06		ZM_023_A1_C06_MR
30043	ZM_023_A1_C07		ZM_023_A1_C07_MR
30044	ZM_023_A1_C08		ZM_023_A1_C08_MR
30045	ZM_023_A1_C09		ZM_023_A1_C09_MR
30046	ZM_023_A1_C10		ZM_023_A1_C10_MR
30047	ZM_023_A1_C11		ZM_023_A1_C11_MR
30048	ZM_023_A1_C12		ZM_023_A1_C12_MR
30049	ZM_023_A1_D01		ZM_023_A1_D01_MR
30050	ZM_023_A1_D02		ZM_023_A1_D02_MR
30051	ZM_023_A1_D03		ZM_023_A1_D03_MR
30052	ZM_023_A1_D04		ZM_023_A1_D04_MR
30053	ZM_023_A1_D05		ZM_023_A1_D05_MR
30054	ZM_023_A1_D06		ZM_023_A1_D06_MR
30055	ZM_023_A1_D07		ZM_023_A1_D07_MR
30056	ZM_023_A1_D08		ZM_023_A1_D08_MR
30057	ZM_023_A1_D09		ZM_023_A1_D09_MR
30058	ZM_023_A1_D10		ZM_023_A1_D10_MR
30059	ZM_023_A1_D11		ZM_023_A1_D11_MR
30060	ZM_023_A1_D12		ZM_023_A1_D12_MR
30061	ZM_023_A1_E01		ZM_023_A1_E01_MR
30062	ZM_023_A1_E02		ZM_023_A1_E02_MR
30063	ZM_023_A1_E03		ZM_023_A1_E03_MR
30064	ZM_023_A1_E06		ZM_023_A1_E06_MR
30065	ZM_023_A1_E07		ZM_023_A1_E07_MR
30066	ZM_023_A1_E08		ZM_023_A1_E08_MR
30067	ZM_023_A1_E09		ZM_023_A1_E09_MR
30068	ZM_023_A1_E10		ZM_023_A1_E10_MR
30069	ZM_023_A1_E11		ZM_023_A1_E11_MR
30070	ZM_023_A1_E12		ZM_023_A1_E12_MR
30071	ZM_023_A1_F01		ZM_023_A1_F01_MR
30072	ZM_023_A1_F02		ZM_023_A1_F02_MR
30073	ZM_023_A1_F06		ZM_023_A1_F06_MR
30074	ZM_023_A1_F07		ZM_023_A1_F07_MR
30075	ZM_023_A1_F08		ZM_023_A1_F08_MR
30076	ZM_023_A1_F09		ZM_023_A1_F09_MR
30077	ZM_023_A1_F10		ZM_023_A1_F10_MR
30078	ZM_023_A1_F11		ZM_023_A1_F11_MR
30079	ZM_023_A1_F12		ZM_023_A1_F12_MR
30080	ZM_023_A1_G01		ZM_023_A1_G01_MR
30081	ZM_023_A1_G02		ZM_023_A1_G02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30082	ZM_023_A1_G03		ZM_023_A1_G03_MR
30083	ZM_023_A1_G04		ZM_023_A1_G04_MR
30084	ZM_023_A1_G05		ZM_023_A1_G05_MR
30085	ZM_023_A1_G06		ZM_023_A1_G06_MR
30086	ZM_023_A1_G07		ZM_023_A1_G07_MR
30087	ZM_023_A1_G08		ZM_023_A1_G08_MR
30088	ZM_023_A1_G09		ZM_023_A1_G09_MR
30089	ZM_023_A1_G11		ZM_023_A1_G11_MR
30090	ZM_023_A1_H01		ZM_023_A1_H01_MR
30091	ZM_023_A1_H02		ZM_023_A1_H02_MR
30092	ZM_023_A1_H03		ZM_023_A1_H03_MR
30093	ZM_023_A1_H04		ZM_023_A1_H04_MR
30094	ZM_023_A1_H05		ZM_023_A1_H05_MR
30095	ZM_023_A1_H06		ZM_023_A1_H06_MR
30096	ZM_023_A1_H07		ZM_023_A1_H07_MR
30097	ZM_023_A1_H08		ZM_023_A1_H08_MR
30098	ZM_023_A1_H09		ZM_023_A1_H09_MR
30099	ZM_023_A1_H10		ZM_023_A1_H10_MR
30100	ZM_023_A2_A01	ZM_023_A2_A01_T7C	
30101	ZM_023_A2_A01		ZM_023_A2_A01_MR
30102	ZM_023_A2_A02	ZM_023_A2_A02_T7C	
30103	ZM_023_A2_A02		ZM_023_A2_A02_MR
30104	ZM_023_A2_A03	ZM_023_A2_A03_T7C	
30105	ZM_023_A2_A03		ZM_023_A2_A03_MR
30106	ZM_023_A2_A04	ZM_023_A2_A04_T7C	
30107	ZM_023_A2_A04		ZM_023_A2_A04_MR
30108	ZM_023_A2_A05	ZM_023_A2_A05_T7C	
30109	ZM_023_A2_A05		ZM_023_A2_A05_MR
30110	ZM_023_A2_A06	ZM_023_A2_A06_T7C	
30111	ZM_023_A2_A06		ZM_023_A2_A06_MR
30112	ZM_023_A2_A07	ZM_023_A2_A07_T7C	
30113	ZM_023_A2_A07		ZM_023_A2_A07_MR
30114	ZM_023_A2_A08	ZM_023_A2_A08_T7C	
30115	ZM_023_A2_A08		ZM_023_A2_A08_MR
30116	ZM_023_A2_A09	ZM_023_A2_A09_T7C	
30117	ZM_023_A2_A09		ZM_023_A2_A09_MR
30118	ZM_023_A2_A10	ZM_023_A2_A10_T7C	
30119	ZM_023_A2_A10		ZM_023_A2_A10_MR
30120	ZM_023_A2_A11	ZM_023_A2_A11_T7C	
30121	ZM_023_A2_A11		ZM_023_A2_A11_MR
30122	ZM_023_A2_A12	ZM_023_A2_A12_T7C	
30123	ZM_023_A2_A12		ZM_023_A2_A12_MR
30124	ZM_023_A2_B01		ZM_023_A2_B01_MR
30125	ZM_023_A2_B02	ZM_023_A2_B02_T7C	
30126	ZM_023_A2_B02		ZM_023_A2_B02_MR
30127	ZM_023_A2_B03	ZM_023_A2_B03_T7C	
30128	ZM_023_A2_B03		ZM_023_A2_B03_MR
30129	ZM_023_A2_B04	ZM_023_A2_B04_T7C	
30130	ZM_023_A2_B04		ZM_023_A2_B04_MR
30131	ZM_023_A2_B05	ZM_023_A2_B05_T7C	
30132	ZM_023_A2_B05		ZM_023_A2_B05_MR
30133	ZM_023_A2_B06	ZM_023_A2_B06_T7C	
30134	ZM_023_A2_B06		ZM_023_A2_B06_MR
30135	ZM_023_A2_B07	ZM_023_A2_B07_T7C	
30136	ZM_023_A2_B07		ZM_023_A2_B07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30137	ZM_023_A2_B08	ZM_023_A2_B08_T7C	
30138	ZM_023_A2_B08		ZM_023_A2_B08_MR
30139	ZM_023_A2_B09	ZM_023_A2_B09_T7C	
30140	ZM_023_A2_B09		ZM_023_A2_B09_MR
30141	ZM_023_A2_B10	ZM_023_A2_B10_T7C	
30142	ZM_023_A2_B10		ZM_023_A2_B10_MR
30143	ZM_023_A2_B11	ZM_023_A2_B11_T7C	
30144	ZM_023_A2_B11		ZM_023_A2_B11_MR
30145	ZM_023_A2_B12	ZM_023_A2_B12_T7C	
30146	ZM_023_A2_B12		ZM_023_A2_B12_MR
30147	ZM_023_A2_C01	ZM_023_A2_C01_T7C	
30148	ZM_023_A2_C01		ZM_023_A2_C01_MR
30149	ZM_023_A2_C02	ZM_023_A2_C02_T7C	
30150	ZM_023_A2_C02		ZM_023_A2_C02_MR
30151	ZM_023_A2_C03	ZM_023_A2_C03_T7C	
30152	ZM_023_A2_C03		ZM_023_A2_C03_MR
30153	ZM_023_A2_C04	ZM_023_A2_C04_T7C	
30154	ZM_023_A2_C05	ZM_023_A2_C05_T7C	
30155	ZM_023_A2_C05		ZM_023_A2_C05_MR
30156	ZM_023_A2_C06	ZM_023_A2_C06_T7C	
30157	ZM_023_A2_C06		ZM_023_A2_C06_MR
30158	ZM_023_A2_C07	ZM_023_A2_C07_T7C	
30159	ZM_023_A2_C07		ZM_023_A2_C07_MR
30160	ZM_023_A2_C08	ZM_023_A2_C08_T7C	
30161	ZM_023_A2_C09	ZM_023_A2_C09_T7C	
30162	ZM_023_A2_C09		ZM_023_A2_C09_MR
30163	ZM_023_A2_C10	ZM_023_A2_C10_T7C	
30164	ZM_023_A2_C11		ZM_023_A2_C11_MR
30165	ZM_023_A2_C12	ZM_023_A2_C12_T7C	
30166	ZM_023_A2_C12		ZM_023_A2_C12_MR
30167	ZM_023_A2_D01	ZM_023_A2_D01_T7C	
30168	ZM_023_A2_D01		ZM_023_A2_D01_MR
30169	ZM_023_A2_D02	ZM_023_A2_D02_T7C	
30170	ZM_023_A2_D02		ZM_023_A2_D02_MR
30171	ZM_023_A2_D03	ZM_023_A2_D03_T7C	
30172	ZM_023_A2_D03		ZM_023_A2_D03_MR
30173	ZM_023_A2_D04	ZM_023_A2_D04_T7C	
30174	ZM_023_A2_D04		ZM_023_A2_D04_MR
30175	ZM_023_A2_D05	ZM_023_A2_D05_T7C	
30176	ZM_023_A2_D05		ZM_023_A2_D05_MR
30177	ZM_023_A2_D06	ZM_023_A2_D06_T7C	
30178	ZM_023_A2_D06		ZM_023_A2_D06_MR
30179	ZM_023_A2_D07	ZM_023_A2_D07_T7C	
30180	ZM_023_A2_D07		ZM_023_A2_D07_MR
30181	ZM_023_A2_D08	ZM_023_A2_D08_T7C	
30182	ZM_023_A2_D08		ZM_023_A2_D08_MR
30183	ZM_023_A2_D09	ZM_023_A2_D09_T7C	
30184	ZM_023_A2_D09		ZM_023_A2_D09_MR
30185	ZM_023_A2_D10	ZM_023_A2_D10_T7C	
30186	ZM_023_A2_D10		ZM_023_A2_D10_MR
30187	ZM_023_A2_D11		ZM_023_A2_D11_MR
30188	ZM_023_A2_D12	ZM_023_A2_D12_T7C	
30189	ZM_023_A2_D12		ZM_023_A2_D12_MR
30190	ZM_023_A2_E01	ZM_023_A2_E01_T7C	
30191	ZM_023_A2_E02	ZM_023_A2_E02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30192	ZM_023_A2_E02		ZM_023_A2_E02_MR
30193	ZM_023_A2_E03	ZM_023_A2_E03_T7C	
30194	ZM_023_A2_E04	ZM_023_A2_E04_T7C	
30195	ZM_023_A2_E04		ZM_023_A2_E04_MR
30196	ZM_023_A2_E05	ZM_023_A2_E05_T7C	
30197	ZM_023_A2_E05		ZM_023_A2_E05_MR
30198	ZM_023_A2_E06	ZM_023_A2_E06_T7C	
30199	ZM_023_A2_E06		ZM_023_A2_E06_MR
30200	ZM_023_A2_E07	ZM_023_A2_E07_T7C	
30201	ZM_023_A2_E07		ZM_023_A2_E07_MR
30202	ZM_023_A2_E08	ZM_023_A2_E08_T7C	
30203	ZM_023_A2_E08		ZM_023_A2_E08_MR
30204	ZM_023_A2_E09	ZM_023_A2_E09_T7C	
30205	ZM_023_A2_E09		ZM_023_A2_E09_MR
30206	ZM_023_A2_E10	ZM_023_A2_E10_T7C	
30207	ZM_023_A2_E10		ZM_023_A2_E10_MR
30208	ZM_023_A2_E11		ZM_023_A2_E11_MR
30209	ZM_023_A2_E12	ZM_023_A2_E12_T7C	
30210	ZM_023_A2_E12		ZM_023_A2_E12_MR
30211	ZM_023_A2_F01	ZM_023_A2_F01_T7C	
30212	ZM_023_A2_F01		ZM_023_A2_F01_MR
30213	ZM_023_A2_F02		ZM_023_A2_F02_MR
30214	ZM_023_A2_F03	ZM_023_A2_F03_T7C	
30215	ZM_023_A2_F03		ZM_023_A2_F03_MR
30216	ZM_023_A2_F04	ZM_023_A2_F04_T7C	
30217	ZM_023_A2_F04		ZM_023_A2_F04_MR
30218	ZM_023_A2_F05		ZM_023_A2_F05_MR
30219	ZM_023_A2_F06	ZM_023_A2_F06_T7C	
30220	ZM_023_A2_F07	ZM_023_A2_F07_T7C	
30221	ZM_023_A2_F07		ZM_023_A2_F07_MR
30222	ZM_023_A2_F08	ZM_023_A2_F08_T7C	
30223	ZM_023_A2_F08		ZM_023_A2_F08_MR
30224	ZM_023_A2_F09	ZM_023_A2_F09_T7C	
30225	ZM_023_A2_F09		ZM_023_A2_F09_MR
30226	ZM_023_A2_F10	ZM_023_A2_F10_T7C	
30227	ZM_023_A2_F10		ZM_023_A2_F10_MR
30228	ZM_023_A2_F11	ZM_023_A2_F11_T7C	
30229	ZM_023_A2_F11		ZM_023_A2_F11_MR
30230	ZM_023_A2_F12	ZM_023_A2_F12_T7C	
30231	ZM_023_A2_F12		ZM_023_A2_F12_MR
30232	ZM_023_A2_G01	ZM_023_A2_G01_T7C	
30233	ZM_023_A2_G01		ZM_023_A2_G01_MR
30234	ZM_023_A2_G02	ZM_023_A2_G02_T7C	
30235	ZM_023_A2_G02		ZM_023_A2_G02_MR
30236	ZM_023_A2_G03	ZM_023_A2_G03_T7C	
30237	ZM_023_A2_G03		ZM_023_A2_G03_MR
30238	ZM_023_A2_G04	ZM_023_A2_G04_T7C	
30239	ZM_023_A2_G04		ZM_023_A2_G04_MR
30240	ZM_023_A2_G05		ZM_023_A2_G05_MR
30241	ZM_023_A2_G06	ZM_023_A2_G06_T7C	
30242	ZM_023_A2_G06		ZM_023_A2_G06_MR
30243	ZM_023_A2_G07	ZM_023_A2_G07_T7C	
30244	ZM_023_A2_G07		ZM_023_A2_G07_MR
30245	ZM_023_A2_G08	ZM_023_A2_G08_T7C	
30246	ZM_023_A2_G08		ZM_023_A2_G08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30247	ZM_023_A2_G09	ZM_023_A2_G09_T7C	
30248	ZM_023_A2_G09		ZM_023_A2_G09_MR
30249	ZM_023_A2_G10	ZM_023_A2_G10_T7C	
30250	ZM_023_A2_G10		ZM_023_A2_G10_MR
30251	ZM_023_A2_G11	ZM_023_A2_G11_T7C	
30252	ZM_023_A2_G11		ZM_023_A2_G11_MR
30253	ZM_023_A2_G12	ZM_023_A2_G12_T7C	
30254	ZM_023_A2_G12		ZM_023_A2_G12_MR
30255	ZM_023_A2_H01	ZM_023_A2_H01_T7C	
30256	ZM_023_A2_H01		ZM_023_A2_H01_MR
30257	ZM_023_A2_H02	ZM_023_A2_H02_T7C	
30258	ZM_023_A2_H02		ZM_023_A2_H02_MR
30259	ZM_023_A2_H03	ZM_023_A2_H03_T7C	
30260	ZM_023_A2_H03		ZM_023_A2_H03_MR
30261	ZM_023_A2_H05		ZM_023_A2_H05_MR
30262	ZM_023_A2_H06	ZM_023_A2_H06_T7C	
30263	ZM_023_A2_H06		ZM_023_A2_H06_MR
30264	ZM_023_A2_H07	ZM_023_A2_H07_T7C	
30265	ZM_023_A2_H07		ZM_023_A2_H07_MR
30266	ZM_023_A2_H08	ZM_023_A2_H08_T7C	
30267	ZM_023_A2_H08		ZM_023_A2_H08_MR
30268	ZM_023_A2_H09	ZM_023_A2_H09_T7C	
30269	ZM_023_A2_H09		ZM_023_A2_H09_MR
30270	ZM_023_A2_H10	ZM_023_A2_H10_T7C	
30271	ZM_023_A2_H10		ZM_023_A2_H10_MR
30272	ZM_023_A2_H11	ZM_023_A2_H11_T7C	
30273	ZM_023_A2_H11		ZM_023_A2_H11_MR
30274	ZM_023_A2_H12	ZM_023_A2_H12_T7C	
30275	ZM_023_A2_H12		ZM_023_A2_H12_MR
30276	ZM_023_B1_A01	ZM_023_B1_A01_T7C	
30277	ZM_023_B1_A03	ZM_023_B1_A03_T7C	
30278	ZM_023_B1_A04	ZM_023_B1_A04_T7C	
30279	ZM_023_B1_A05	ZM_023_B1_A05_T7C	
30280	ZM_023_B1_A06	ZM_023_B1_A06_T7C	
30281	ZM_023_B1_A07	ZM_023_B1_A07_T7C	
30282	ZM_023_B1_A08	ZM_023_B1_A08_T7C	
30283	ZM_023_B1_A09	ZM_023_B1_A09_T7C	
30284	ZM_023_B1_A10	ZM_023_B1_A10_T7C	
30285	ZM_023_B1_A11	ZM_023_B1_A11_T7C	
30286	ZM_023_B1_A12	ZM_023_B1_A12_T7C	
30287	ZM_023_B1_B02	ZM_023_B1_B02_T7C	
30288	ZM_023_B1_B03	ZM_023_B1_B03_T7C	
30289	ZM_023_B1_B04	ZM_023_B1_B04_T7C	
30290	ZM_023_B1_B05	ZM_023_B1_B05_T7C	
30291	ZM_023_B1_B06	ZM_023_B1_B06_T7C	
30292	ZM_023_B1_B07	ZM_023_B1_B07_T7C	
30293	ZM_023_B1_B08	ZM_023_B1_B08_T7C	
30294	ZM_023_B1_B09	ZM_023_B1_B09_T7C	
30295	ZM_023_B1_B10	ZM_023_B1_B10_T7C	
30296	ZM_023_B1_B11	ZM_023_B1_B11_T7C	
30297	ZM_023_B1_B12	ZM_023_B1_B12_T7C	
30298	ZM_023_B1_C01	ZM_023_B1_C01_T7C	
30299	ZM_023_B1_C02	ZM_023_B1_C02_T7C	
30300	ZM_023_B1_C03	ZM_023_B1_C03_T7C	
30301	ZM_023_B1_C04	ZM_023_B1_C04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30302	ZM_023_B1_C07	ZM_023_B1_C07_T7C	
30303	ZM_023_B1_C08	ZM_023_B1_C08_T7C	
30304	ZM_023_B1_C09	ZM_023_B1_C09_T7C	
30305	ZM_023_B1_C11	ZM_023_B1_C11_T7C	
30306	ZM_023_B1_C12	ZM_023_B1_C12_T7C	
30307	ZM_023_B1_D01	ZM_023_B1_D01_T7C	
30308	ZM_023_B1_D02	ZM_023_B1_D02_T7C	
30309	ZM_023_B1_D03	ZM_023_B1_D03_T7C	
30310	ZM_023_B1_D04	ZM_023_B1_D04_T7C	
30311	ZM_023_B1_D06	ZM_023_B1_D06_T7C	
30312	ZM_023_B1_D07	ZM_023_B1_D07_T7C	
30313	ZM_023_B1_D08	ZM_023_B1_D08_T7C	
30314	ZM_023_B1_D09	ZM_023_B1_D09_T7C	
30315	ZM_023_B1_D10	ZM_023_B1_D10_T7C	
30316	ZM_023_B1_D11	ZM_023_B1_D11_T7C	
30317	ZM_023_B1_D12	ZM_023_B1_D12_T7C	
30318	ZM_023_B1_E01	ZM_023_B1_E01_T7C	
30319	ZM_023_B1_E02	ZM_023_B1_E02_T7C	
30320	ZM_023_B1_E03	ZM_023_B1_E03_T7C	
30321	ZM_023_B1_E04	ZM_023_B1_E04_T7C	
30322	ZM_023_B1_E05	ZM_023_B1_E05_T7C	
30323	ZM_023_B1_E06	ZM_023_B1_E06_T7C	
30324	ZM_023_B1_E07	ZM_023_B1_E07_T7C	
30325	ZM_023_B1_E08	ZM_023_B1_E08_T7C	
30326	ZM_023_B1_E09	ZM_023_B1_E09_T7C	
30327	ZM_023_B1_E10	ZM_023_B1_E10_T7C	
30328	ZM_023_B1_E11	ZM_023_B1_E11_T7C	
30329	ZM_023_B1_E12	ZM_023_B1_E12_T7C	
30330	ZM_023_B1_F01	ZM_023_B1_F01_T7C	
30331	ZM_023_B1_F03	ZM_023_B1_F03_T7C	
30332	ZM_023_B1_F06	ZM_023_B1_F06_T7C	
30333	ZM_023_B1_F08	ZM_023_B1_F08_T7C	
30334	ZM_023_B1_F09	ZM_023_B1_F09_T7C	
30335	ZM_023_B1_F10	ZM_023_B1_F10_T7C	
30336	ZM_023_B1_F11	ZM_023_B1_F11_T7C	
30337	ZM_023_B1_F12	ZM_023_B1_F12_T7C	
30338	ZM_023_B1_G01	ZM_023_B1_G01_T7C	
30339	ZM_023_B1_G02	ZM_023_B1_G02_T7C	
30340	ZM_023_B1_G03	ZM_023_B1_G03_T7C	
30341	ZM_023_B1_G06	ZM_023_B1_G06_T7C	
30342	ZM_023_B1_G07	ZM_023_B1_G07_T7C	
30343	ZM_023_B1_G08	ZM_023_B1_G08_T7C	
30344	ZM_023_B1_G09	ZM_023_B1_G09_T7C	
30345	ZM_023_B1_G10	ZM_023_B1_G10_T7C	
30346	ZM_023_B1_G11	ZM_023_B1_G11_T7C	
30347	ZM_023_B1_G12	ZM_023_B1_G12_T7C	
30348	ZM_023_B1_H01	ZM_023_B1_H01_T7C	
30349	ZM_023_B1_H02	ZM_023_B1_H02_T7C	
30350	ZM_023_B1_H03	ZM_023_B1_H03_T7C	
30351	ZM_023_B1_H04	ZM_023_B1_H04_T7C	
30352	ZM_023_B1_H06	ZM_023_B1_H06_T7C	
30353	ZM_023_B1_H07	ZM_023_B1_H07_T7C	
30354	ZM_023_B1_H08	ZM_023_B1_H08_T7C	
30355	ZM_023_B1_H09	ZM_023_B1_H09_T7C	
30356	ZM_023_B1_H11	ZM_023_B1_H11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30357	ZM_023_B1_H12	ZM_023_B1_H12_T7C	
30358	ZM_023_B2_A01		ZM_023_B2_A01_MR
30359	ZM_023_B2_A02		ZM_023_B2_A02_MR
30360	ZM_023_B2_A03		ZM_023_B2_A03_MR
30361	ZM_023_B2_A04		ZM_023_B2_A04_MR
30362	ZM_023_B2_A05		ZM_023_B2_A05_MR
30363	ZM_023_B2_A06		ZM_023_B2_A06_MR
30364	ZM_023_B2_A07		ZM_023_B2_A07_MR
30365	ZM_023_B2_A08		ZM_023_B2_A08_MR
30366	ZM_023_B2_A09		ZM_023_B2_A09_MR
30367	ZM_023_B2_A10		ZM_023_B2_A10_MR
30368	ZM_023_B2_A11		ZM_023_B2_A11_MR
30369	ZM_023_B2_A12		ZM_023_B2_A12_MR
30370	ZM_023_B2_B01		ZM_023_B2_B01_MR
30371	ZM_023_B2_B02		ZM_023_B2_B02_MR
30372	ZM_023_B2_B03		ZM_023_B2_B03_MR
30373	ZM_023_B2_B04		ZM_023_B2_B04_MR
30374	ZM_023_B2_B05		ZM_023_B2_B05_MR
30375	ZM_023_B2_B06		ZM_023_B2_B06_MR
30376	ZM_023_B2_B07		ZM_023_B2_B07_MR
30377	ZM_023_B2_B08		ZM_023_B2_B08_MR
30378	ZM_023_B2_B09		ZM_023_B2_B09_MR
30379	ZM_023_B2_B10		ZM_023_B2_B10_MR
30380	ZM_023_B2_B11		ZM_023_B2_B11_MR
30381	ZM_023_B2_B12		ZM_023_B2_B12_MR
30382	ZM_023_B2_C01		ZM_023_B2_C01_MR
30383	ZM_023_B2_C02		ZM_023_B2_C02_MR
30384	ZM_023_B2_C03		ZM_023_B2_C03_MR
30385	ZM_023_B2_C04		ZM_023_B2_C04_MR
30386	ZM_023_B2_C05		ZM_023_B2_C05_MR
30387	ZM_023_B2_C06		ZM_023_B2_C06_MR
30388	ZM_023_B2_C07		ZM_023_B2_C07_MR
30389	ZM_023_B2_C08		ZM_023_B2_C08_MR
30390	ZM_023_B2_C09		ZM_023_B2_C09_MR
30391	ZM_023_B2_C10		ZM_023_B2_C10_MR
30392	ZM_023_B2_C11		ZM_023_B2_C11_MR
30393	ZM_023_B2_C12		ZM_023_B2_C12_MR
30394	ZM_023_B2_D01		ZM_023_B2_D01_MR
30395	ZM_023_B2_D02		ZM_023_B2_D02_MR
30396	ZM_023_B2_D03		ZM_023_B2_D03_MR
30397	ZM_023_B2_D04		ZM_023_B2_D04_MR
30398	ZM_023_B2_D05		ZM_023_B2_D05_MR
30399	ZM_023_B2_D06		ZM_023_B2_D06_MR
30400	ZM_023_B2_D07		ZM_023_B2_D07_MR
30401	ZM_023_B2_D08		ZM_023_B2_D08_MR
30402	ZM_023_B2_D09		ZM_023_B2_D09_MR
30403	ZM_023_B2_D10		ZM_023_B2_D10_MR
30404	ZM_023_B2_D11		ZM_023_B2_D11_MR
30405	ZM_023_B2_D12		ZM_023_B2_D12_MR
30406	ZM_023_B2_E01		ZM_023_B2_E01_MR
30407	ZM_023_B2_E02		ZM_023_B2_E02_MR
30408	ZM_023_B2_E03		ZM_023_B2_E03_MR
30409	ZM_023_B2_E04		ZM_023_B2_E04_MR
30410	ZM_023_B2_E05		ZM_023_B2_E05_MR
30411	ZM_023_B2_E06		ZM_023_B2_E06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30412	ZM_023_B2_E07		ZM_023_B2_E07_MR
30413	ZM_023_B2_E08		ZM_023_B2_E08_MR
30414	ZM_023_B2_E09		ZM_023_B2_E09_MR
30415	ZM_023_B2_E10		ZM_023_B2_E10_MR
30416	ZM_023_B2_E11		ZM_023_B2_E11_MR
30417	ZM_023_B2_E12		ZM_023_B2_E12_MR
30418	ZM_023_B2_F01		ZM_023_B2_F01_MR
30419	ZM_023_B2_F02		ZM_023_B2_F02_MR
30420	ZM_023_B2_F04		ZM_023_B2_F04_MR
30421	ZM_023_B2_F05		ZM_023_B2_F05_MR
30422	ZM_023_B2_F06		ZM_023_B2_F06_MR
30423	ZM_023_B2_F07		ZM_023_B2_F07_MR
30424	ZM_023_B2_F08		ZM_023_B2_F08_MR
30425	ZM_023_B2_F09		ZM_023_B2_F09_MR
30426	ZM_023_B2_F10		ZM_023_B2_F10_MR
30427	ZM_023_B2_F11		ZM_023_B2_F11_MR
30428	ZM_023_B2_F12		ZM_023_B2_F12_MR
30429	ZM_023_B2_G01		ZM_023_B2_G01_MR
30430	ZM_023_B2_G02		ZM_023_B2_G02_MR
30431	ZM_023_B2_G03		ZM_023_B2_G03_MR
30432	ZM_023_B2_G04		ZM_023_B2_G04_MR
30433	ZM_023_B2_G05		ZM_023_B2_G05_MR
30434	ZM_023_B2_G06		ZM_023_B2_G06_MR
30435	ZM_023_B2_G07		ZM_023_B2_G07_MR
30436	ZM_023_B2_G08		ZM_023_B2_G08_MR
30437	ZM_023_B2_G09		ZM_023_B2_G09_MR
30438	ZM_023_B2_G10		ZM_023_B2_G10_MR
30439	ZM_023_B2_G11		ZM_023_B2_G11_MR
30440	ZM_023_B2_H01		ZM_023_B2_H01_MR
30441	ZM_023_B2_H02		ZM_023_B2_H02_MR
30442	ZM_023_B2_H03		ZM_023_B2_H03_MR
30443	ZM_023_B2_H04		ZM_023_B2_H04_MR
30444	ZM_023_B2_H06		ZM_023_B2_H06_MR
30445	ZM_023_B2_H07		ZM_023_B2_H07_MR
30446	ZM_023_B2_H08		ZM_023_B2_H08_MR
30447	ZM_023_B2_H09		ZM_023_B2_H09_MR
30448	ZM_023_B2_H10		ZM_023_B2_H10_MR
30449	ZM_023_B2_H11		ZM_023_B2_H11_MR
30450	ZM_023_B2_H12		ZM_023_B2_H12_MR
30451	ZM_024_A1_A01		ZM_024_A1_A01_MR
30452	ZM_024_A1_A02	ZM_024_A1_A02_T7C	
30453	ZM_024_A1_A02		ZM_024_A1_A02_MR
30454	ZM_024_A1_A03		ZM_024_A1_A03_MR
30455	ZM_024_A1_A04		ZM_024_A1_A04_MR
30456	ZM_024_A1_A05	ZM_024_A1_A05_T7C	
30457	ZM_024_A1_A05		ZM_024_A1_A05_MR
30458	ZM_024_A1_A06	ZM_024_A1_A06_T7C	
30459	ZM_024_A1_A06		ZM_024_A1_A06_MR
30460	ZM_024_A1_A07	ZM_024_A1_A07_T7C	
30461	ZM_024_A1_A07		ZM_024_A1_A07_MR
30462	ZM_024_A1_A08	ZM_024_A1_A08_T7C	
30463	ZM_024_A1_A08		ZM_024_A1_A08_MR
30464	ZM_024_A1_A09		ZM_024_A1_A09_MR
30465	ZM_024_A1_A10	ZM_024_A1_A10_T7C	
30466	ZM_024_A1_A11	ZM_024_A1_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30467	ZM_024_A1_A11		ZM_024_A1_A11_MR
30468	ZM_024_A1_A12	ZM_024_A1_A12_T7C	
30469	ZM_024_A1_A12		ZM_024_A1_A12_MR
30470	ZM_024_A1_B01	ZM_024_A1_B01_T7C	
30471	ZM_024_A1_B01		ZM_024_A1_B01_MR
30472	ZM_024_A1_B02	ZM_024_A1_B02_T7C	
30473	ZM_024_A1_B02		ZM_024_A1_B02_MR
30474	ZM_024_A1_B03	ZM_024_A1_B03_T7C	
30475	ZM_024_A1_B03		ZM_024_A1_B03_MR
30476	ZM_024_A1_B04	ZM_024_A1_B04_T7C	
30477	ZM_024_A1_B04		ZM_024_A1_B04_MR
30478	ZM_024_A1_B05	ZM_024_A1_B05_T7C	
30479	ZM_024_A1_B05		ZM_024_A1_B05_MR
30480	ZM_024_A1_B06	ZM_024_A1_B06_T7C	
30481	ZM_024_A1_B06		ZM_024_A1_B06_MR
30482	ZM_024_A1_B07	ZM_024_A1_B07_T7C	
30483	ZM_024_A1_B07		ZM_024_A1_B07_MR
30484	ZM_024_A1_B08	ZM_024_A1_B08_T7C	
30485	ZM_024_A1_B08		ZM_024_A1_B08_MR
30486	ZM_024_A1_B09	ZM_024_A1_B09_T7C	
30487	ZM_024_A1_B09		ZM_024_A1_B09_MR
30488	ZM_024_A1_B11	ZM_024_A1_B11_T7C	
30489	ZM_024_A1_B11		ZM_024_A1_B11_MR
30490	ZM_024_A1_B12	ZM_024_A1_B12_T7C	
30491	ZM_024_A1_B12		ZM_024_A1_B12_MR
30492	ZM_024_A1_C01	ZM_024_A1_C01_T7C	
30493	ZM_024_A1_C01		ZM_024_A1_C01_MR
30494	ZM_024_A1_C02	ZM_024_A1_C02_T7C	
30495	ZM_024_A1_C02		ZM_024_A1_C02_MR
30496	ZM_024_A1_C03	ZM_024_A1_C03_T7C	
30497	ZM_024_A1_C03		ZM_024_A1_C03_MR
30498	ZM_024_A1_C04		ZM_024_A1_C04_MR
30499	ZM_024_A1_C05	ZM_024_A1_C05_T7C	
30500	ZM_024_A1_C05		ZM_024_A1_C05_MR
30501	ZM_024_A1_C06	ZM_024_A1_C06_T7C	
30502	ZM_024_A1_C06		ZM_024_A1_C06_MR
30503	ZM_024_A1_C07	ZM_024_A1_C07_T7C	
30504	ZM_024_A1_C07		ZM_024_A1_C07_MR
30505	ZM_024_A1_C08	ZM_024_A1_C08_T7C	
30506	ZM_024_A1_C08		ZM_024_A1_C08_MR
30507	ZM_024_A1_C09	ZM_024_A1_C09_T7C	
30508	ZM_024_A1_C09		ZM_024_A1_C09_MR
30509	ZM_024_A1_C10	ZM_024_A1_C10_T7C	
30510	ZM_024_A1_C10		ZM_024_A1_C10_MR
30511	ZM_024_A1_C11	ZM_024_A1_C11_T7C	
30512	ZM_024_A1_C11		ZM_024_A1_C11_MR
30513	ZM_024_A1_C12		ZM_024_A1_C12_MR
30514	ZM_024_A1_D01	ZM_024_A1_D01_T7C	
30515	ZM_024_A1_D01		ZM_024_A1_D01_MR
30516	ZM_024_A1_D02	ZM_024_A1_D02_T7C	
30517	ZM_024_A1_D03	ZM_024_A1_D03_T7C	
30518	ZM_024_A1_D03		ZM_024_A1_D03_MR
30519	ZM_024_A1_D04	ZM_024_A1_D04_T7C	
30520	ZM_024_A1_D04		ZM_024_A1_D04_MR
30521	ZM_024_A1_D05	ZM_024_A1_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30522	ZM_024_A1_D06	ZM_024_A1_D06_T7C	
30523	ZM_024_A1_D06		ZM_024_A1_D06_MR
30524	ZM_024_A1_D07	ZM_024_A1_D07_T7C	
30525	ZM_024_A1_D07		ZM_024_A1_D07_MR
30526	ZM_024_A1_D08	ZM_024_A1_D08_T7C	
30527	ZM_024_A1_D08		ZM_024_A1_D08_MR
30528	ZM_024_A1_D09	ZM_024_A1_D09_T7C	
30529	ZM_024_A1_D09		ZM_024_A1_D09_MR
30530	ZM_024_A1_D10	ZM_024_A1_D10_T7C	
30531	ZM_024_A1_D10		ZM_024_A1_D10_MR
30532	ZM_024_A1_D11	ZM_024_A1_D11_T7C	
30533	ZM_024_A1_D12	ZM_024_A1_D12_T7C	
30534	ZM_024_A1_D12		ZM_024_A1_D12_MR
30535	ZM_024_A1_E01	ZM_024_A1_E01_T7C	
30536	ZM_024_A1_E02	ZM_024_A1_E02_T7C	
30537	ZM_024_A1_E02		ZM_024_A1_E02_MR
30538	ZM_024_A1_E03	ZM_024_A1_E03_T7C	
30539	ZM_024_A1_E03		ZM_024_A1_E03_MR
30540	ZM_024_A1_E05	ZM_024_A1_E05_T7C	
30541	ZM_024_A1_E05		ZM_024_A1_E05_MR
30542	ZM_024_A1_E07	ZM_024_A1_E07_T7C	
30543	ZM_024_A1_E07		ZM_024_A1_E07_MR
30544	ZM_024_A1_E08	ZM_024_A1_E08_T7C	
30545	ZM_024_A1_E08		ZM_024_A1_E08_MR
30546	ZM_024_A1_E09	ZM_024_A1_E09_T7C	
30547	ZM_024_A1_E09		ZM_024_A1_E09_MR
30548	ZM_024_A1_E11	ZM_024_A1_E11_T7C	
30549	ZM_024_A1_E11		ZM_024_A1_E11_MR
30550	ZM_024_A1_E12		ZM_024_A1_E12_MR
30551	ZM_024_A1_F01		ZM_024_A1_F01_MR
30552	ZM_024_A1_F02	ZM_024_A1_F02_T7C	
30553	ZM_024_A1_F02		ZM_024_A1_F02_MR
30554	ZM_024_A1_F03	ZM_024_A1_F03_T7C	
30555	ZM_024_A1_F03		ZM_024_A1_F03_MR
30556	ZM_024_A1_F04	ZM_024_A1_F04_T7C	
30557	ZM_024_A1_F04		ZM_024_A1_F04_MR
30558	ZM_024_A1_F05	ZM_024_A1_F05_T7C	
30559	ZM_024_A1_F05		ZM_024_A1_F05_MR
30560	ZM_024_A1_F06		ZM_024_A1_F06_MR
30561	ZM_024_A1_F07	ZM_024_A1_F07_T7C	
30562	ZM_024_A1_F07		ZM_024_A1_F07_MR
30563	ZM_024_A1_F08	ZM_024_A1_F08_T7C	
30564	ZM_024_A1_F08		ZM_024_A1_F08_MR
30565	ZM_024_A1_F09	ZM_024_A1_F09_T7C	
30566	ZM_024_A1_F09		ZM_024_A1_F09_MR
30567	ZM_024_A1_F10		ZM_024_A1_F10_MR
30568	ZM_024_A1_F11	ZM_024_A1_F11_T7C	
30569	ZM_024_A1_F11		ZM_024_A1_F11_MR
30570	ZM_024_A1_F12	ZM_024_A1_F12_T7C	
30571	ZM_024_A1_G01	ZM_024_A1_G01_T7C	
30572	ZM_024_A1_G01		ZM_024_A1_G01_MR
30573	ZM_024_A1_G02	ZM_024_A1_G02_T7C	
30574	ZM_024_A1_G02		ZM_024_A1_G02_MR
30575	ZM_024_A1_G03	ZM_024_A1_G03_T7C	
30576	ZM_024_A1_G03		ZM_024_A1_G03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30577	ZM_024_A1_G04	ZM_024_A1_G04_T7C	
30578	ZM_024_A1_G04		ZM_024_A1_G04_MR
30579	ZM_024_A1_G05		ZM_024_A1_G05_MR
30580	ZM_024_A1_G06	ZM_024_A1_G06_T7C	
30581	ZM_024_A1_G06		ZM_024_A1_G06_MR
30582	ZM_024_A1_G07	ZM_024_A1_G07_T7C	
30583	ZM_024_A1_G07		ZM_024_A1_G07_MR
30584	ZM_024_A1_G08	ZM_024_A1_G08_T7C	
30585	ZM_024_A1_G08		ZM_024_A1_G08_MR
30586	ZM_024_A1_G09	ZM_024_A1_G09_T7C	
30587	ZM_024_A1_G09		ZM_024_A1_G09_MR
30588	ZM_024_A1_G11	ZM_024_A1_G11_T7C	
30589	ZM_024_A1_G11		ZM_024_A1_G11_MR
30590	ZM_024_A1_G12	ZM_024_A1_G12_T7C	
30591	ZM_024_A1_G12		ZM_024_A1_G12_MR
30592	ZM_024_A1_H01	ZM_024_A1_H01_T7C	
30593	ZM_024_A1_H01		ZM_024_A1_H01_MR
30594	ZM_024_A1_H02	ZM_024_A1_H02_T7C	
30595	ZM_024_A1_H03	ZM_024_A1_H03_T7C	
30596	ZM_024_A1_H03		ZM_024_A1_H03_MR
30597	ZM_024_A1_H04	ZM_024_A1_H04_T7C	
30598	ZM_024_A1_H04		ZM_024_A1_H04_MR
30599	ZM_024_A1_H05	ZM_024_A1_H05_T7C	
30600	ZM_024_A1_H05		ZM_024_A1_H05_MR
30601	ZM_024_A1_H06	ZM_024_A1_H06_T7C	
30602	ZM_024_A1_H06		ZM_024_A1_H06_MR
30603	ZM_024_A1_H07	ZM_024_A1_H07_T7C	
30604	ZM_024_A1_H07		ZM_024_A1_H07_MR
30605	ZM_024_A1_H08		ZM_024_A1_H08_MR
30606	ZM_024_A1_H09	ZM_024_A1_H09_T7C	
30607	ZM_024_A1_H09		ZM_024_A1_H09_MR
30608	ZM_024_A1_H10	ZM_024_A1_H10_T7C	
30609	ZM_024_A1_H10		ZM_024_A1_H10_MR
30610	ZM_024_A1_H11	ZM_024_A1_H11_T7C	
30611	ZM_024_A1_H11		ZM_024_A1_H11_MR
30612	ZM_024_A1_H12	ZM_024_A1_H12_T7C	
30613	ZM_024_A1_H12		ZM_024_A1_H12_MR
30614	ZM_024_A2_A01	ZM_024_A2_A01_T7C	
30615	ZM_024_A2_A01		ZM_024_A2_A01_MR
30616	ZM_024_A2_A02	ZM_024_A2_A02_T7C	
30617	ZM_024_A2_A02		ZM_024_A2_A02_MR
30618	ZM_024_A2_A03	ZM_024_A2_A03_T7C	
30619	ZM_024_A2_A03		ZM_024_A2_A03_MR
30620	ZM_024_A2_A04	ZM_024_A2_A04_T7C	
30621	ZM_024_A2_A04		ZM_024_A2_A04_MR
30622	ZM_024_A2_A05	ZM_024_A2_A05_T7C	
30623	ZM_024_A2_A06	ZM_024_A2_A06_T7C	
30624	ZM_024_A2_A06		ZM_024_A2_A06_MR
30625	ZM_024_A2_A07	ZM_024_A2_A07_T7C	
30626	ZM_024_A2_A07		ZM_024_A2_A07_MR
30627	ZM_024_A2_A08	ZM_024_A2_A08_T7C	
30628	ZM_024_A2_A08		ZM_024_A2_A08_MR
30629	ZM_024_A2_A09	ZM_024_A2_A09_T7C	
30630	ZM_024_A2_A09		ZM_024_A2_A09_MR
30631	ZM_024_A2_A10	ZM_024_A2_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30632	ZM_024_A2_A10		ZM_024_A2_A10_MR
30633	ZM_024_A2_A11	ZM_024_A2_A11_T7C	
30634	ZM_024_A2_A12	ZM_024_A2_A12_T7C	
30635	ZM_024_A2_B01	ZM_024_A2_B01_T7C	
30636	ZM_024_A2_B01		ZM_024_A2_B01_MR
30637	ZM_024_A2_B02	ZM_024_A2_B02_T7C	
30638	ZM_024_A2_B02		ZM_024_A2_B02_MR
30639	ZM_024_A2_B04	ZM_024_A2_B04_T7C	
30640	ZM_024_A2_B05	ZM_024_A2_B05_T7C	
30641	ZM_024_A2_B06	ZM_024_A2_B06_T7C	
30642	ZM_024_A2_B06		ZM_024_A2_B06_MR
30643	ZM_024_A2_B07	ZM_024_A2_B07_T7C	
30644	ZM_024_A2_B07		ZM_024_A2_B07_MR
30645	ZM_024_A2_B08	ZM_024_A2_B08_T7C	
30646	ZM_024_A2_B08		ZM_024_A2_B08_MR
30647	ZM_024_A2_B09	ZM_024_A2_B09_T7C	
30648	ZM_024_A2_B09		ZM_024_A2_B09_MR
30649	ZM_024_A2_B11	ZM_024_A2_B11_T7C	
30650	ZM_024_A2_B12	ZM_024_A2_B12_T7C	
30651	ZM_024_A2_B12		ZM_024_A2_B12_MR
30652	ZM_024_A2_C01	ZM_024_A2_C01_T7C	
30653	ZM_024_A2_C01		ZM_024_A2_C01_MR
30654	ZM_024_A2_C02	ZM_024_A2_C02_T7C	
30655	ZM_024_A2_C03	ZM_024_A2_C03_T7C	
30656	ZM_024_A2_C03		ZM_024_A2_C03_MR
30657	ZM_024_A2_C04	ZM_024_A2_C04_T7C	
30658	ZM_024_A2_C04		ZM_024_A2_C04_MR
30659	ZM_024_A2_C05		ZM_024_A2_C05_MR
30660	ZM_024_A2_C06	ZM_024_A2_C06_T7C	
30661	ZM_024_A2_C06		ZM_024_A2_C06_MR
30662	ZM_024_A2_C07	ZM_024_A2_C07_T7C	
30663	ZM_024_A2_C08	ZM_024_A2_C08_T7C	
30664	ZM_024_A2_C08		ZM_024_A2_C08_MR
30665	ZM_024_A2_C09	ZM_024_A2_C09_T7C	
30666	ZM_024_A2_C09		ZM_024_A2_C09_MR
30667	ZM_024_A2_C10	ZM_024_A2_C10_T7C	
30668	ZM_024_A2_C10		ZM_024_A2_C10_MR
30669	ZM_024_A2_C11	ZM_024_A2_C11_T7C	
30670	ZM_024_A2_C11		ZM_024_A2_C11_MR
30671	ZM_024_A2_C12	ZM_024_A2_C12_T7C	
30672	ZM_024_A2_C12		ZM_024_A2_C12_MR
30673	ZM_024_A2_D01	ZM_024_A2_D01_T7C	
30674	ZM_024_A2_D01		ZM_024_A2_D01_MR
30675	ZM_024_A2_D02	ZM_024_A2_D02_T7C	
30676	ZM_024_A2_D02		ZM_024_A2_D02_MR
30677	ZM_024_A2_D04	ZM_024_A2_D04_T7C	
30678	ZM_024_A2_D05	ZM_024_A2_D05_T7C	
30679	ZM_024_A2_D05		ZM_024_A2_D05_MR
30680	ZM_024_A2_D06	ZM_024_A2_D06_T7C	
30681	ZM_024_A2_D06		ZM_024_A2_D06_MR
30682	ZM_024_A2_D07	ZM_024_A2_D07_T7C	
30683	ZM_024_A2_D07		ZM_024_A2_D07_MR
30684	ZM_024_A2_D08	ZM_024_A2_D08_T7C	
30685	ZM_024_A2_D08		ZM_024_A2_D08_MR
30686	ZM_024_A2_D09	ZM_024_A2_D09_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30687	ZM_024_A2_D09		ZM_024_A2_D09_MR
30688	ZM_024_A2_D11	ZM_024_A2_D11_T7C	
30689	ZM_024_A2_D11		ZM_024_A2_D11_MR
30690	ZM_024_A2_D12	ZM_024_A2_D12_T7C	
30691	ZM_024_A2_D12		ZM_024_A2_D12_MR
30692	ZM_024_A2_E01	ZM_024_A2_E01_T7C	
30693	ZM_024_A2_E01		ZM_024_A2_E01_MR
30694	ZM_024_A2_E02	ZM_024_A2_E02_T7C	
30695	ZM_024_A2_E03	ZM_024_A2_E03_T7C	
30696	ZM_024_A2_E03		ZM_024_A2_E03_MR
30697	ZM_024_A2_E04	ZM_024_A2_E04_T7C	
30698	ZM_024_A2_E05	ZM_024_A2_E05_T7C	
30699	ZM_024_A2_E05		ZM_024_A2_E05_MR
30700	ZM_024_A2_E10	ZM_024_A2_E10_T7C	
30701	ZM_024_A2_E10		ZM_024_A2_E10_MR
30702	ZM_024_A2_E11	ZM_024_A2_E11_T7C	
30703	ZM_024_A2_E12	ZM_024_A2_E12_T7C	
30704	ZM_024_A2_F01	ZM_024_A2_F01_T7C	
30705	ZM_024_A2_F01		ZM_024_A2_F01_MR
30706	ZM_024_A2_F03	ZM_024_A2_F03_T7C	
30707	ZM_024_A2_F03		ZM_024_A2_F03_MR
30708	ZM_024_A2_F04	ZM_024_A2_F04_T7C	
30709	ZM_024_A2_F04		ZM_024_A2_F04_MR
30710	ZM_024_A2_F05		ZM_024_A2_F05_MR
30711	ZM_024_A2_F06	ZM_024_A2_F06_T7C	
30712	ZM_024_A2_F06		ZM_024_A2_F06_MR
30713	ZM_024_A2_F07	ZM_024_A2_F07_T7C	
30714	ZM_024_A2_F07		ZM_024_A2_F07_MR
30715	ZM_024_A2_F08	ZM_024_A2_F08_T7C	
30716	ZM_024_A2_F08		ZM_024_A2_F08_MR
30717	ZM_024_A2_F09	ZM_024_A2_F09_T7C	
30718	ZM_024_A2_F10	ZM_024_A2_F10_T7C	
30719	ZM_024_A2_F10		ZM_024_A2_F10_MR
30720	ZM_024_A2_F11	ZM_024_A2_F11_T7C	
30721	ZM_024_A2_F11		ZM_024_A2_F11_MR
30722	ZM_024_A2_F12	ZM_024_A2_F12_T7C	
30723	ZM_024_A2_F12		ZM_024_A2_F12_MR
30724	ZM_024_A2_G01		ZM_024_A2_G01_MR
30725	ZM_024_A2_G02	ZM_024_A2_G02_T7C	
30726	ZM_024_A2_G03	ZM_024_A2_G03_T7C	
30727	ZM_024_A2_G03		ZM_024_A2_G03_MR
30728	ZM_024_A2_G04	ZM_024_A2_G04_T7C	
30729	ZM_024_A2_G04		ZM_024_A2_G04_MR
30730	ZM_024_A2_G05	ZM_024_A2_G05_T7C	
30731	ZM_024_A2_G05		ZM_024_A2_G05_MR
30732	ZM_024_A2_G06	ZM_024_A2_G06_T7C	
30733	ZM_024_A2_G06		ZM_024_A2_G06_MR
30734	ZM_024_A2_G07	ZM_024_A2_G07_T7C	
30735	ZM_024_A2_G07		ZM_024_A2_G07_MR
30736	ZM_024_A2_G08	ZM_024_A2_G08_T7C	
30737	ZM_024_A2_G08		ZM_024_A2_G08_MR
30738	ZM_024_A2_G09	ZM_024_A2_G09_T7C	
30739	ZM_024_A2_G09		ZM_024_A2_G09_MR
30740	ZM_024_A2_G10	ZM_024_A2_G10_T7C	
30741	ZM_024_A2_G10		ZM_024_A2_G10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30742	ZM_024_A2_G11	ZM_024_A2_G11_T7C	ZM_024_A2_G11_MR
30743	ZM_024_A2_G11		
30744	ZM_024_A2_G12	ZM_024_A2_G12_T7C	ZM_024_A2_G12_MR
30745	ZM_024_A2_G12		ZM_024_A2_H01_MR
30746	ZM_024_A2_H01		
30747	ZM_024_A2_H02	ZM_024_A2_H02_T7C	ZM_024_A2_H02_MR
30748	ZM_024_A2_H02		
30749	ZM_024_A2_H03	ZM_024_A2_H03_T7C	ZM_024_A2_H03_MR
30750	ZM_024_A2_H03		ZM_024_A2_H04_MR
30751	ZM_024_A2_H04		
30752	ZM_024_A2_H05	ZM_024_A2_H05_T7C	ZM_024_A2_H05_MR
30753	ZM_024_A2_H05		
30754	ZM_024_A2_H06	ZM_024_A2_H06_T7C	ZM_024_A2_H06_MR
30755	ZM_024_A2_H06		
30756	ZM_024_A2_H07	ZM_024_A2_H07_T7C	ZM_024_A2_H07_MR
30757	ZM_024_A2_H07		
30758	ZM_024_A2_H08	ZM_024_A2_H08_T7C	ZM_024_A2_H08_MR
30759	ZM_024_A2_H08		
30760	ZM_024_A2_H09	ZM_024_A2_H09_T7C	ZM_024_A2_H09_MR
30761	ZM_024_A2_H09		
30762	ZM_024_A2_H10	ZM_024_A2_H10_T7C	ZM_024_A2_H10_MR
30763	ZM_024_A2_H10		
30764	ZM_024_A2_H11	ZM_024_A2_H11_T7C	ZM_024_A2_H11_MR
30765	ZM_024_A2_H11		
30766	ZM_024_A2_H12	ZM_024_A2_H12_T7C	
30767	ZM_024_B1_A01	ZM_024_B1_A01_T7C	
30768	ZM_024_B1_A05	ZM_024_B1_A05_T7C	
30769	ZM_024_B1_A07	ZM_024_B1_A07_T7C	
30770	ZM_024_B1_A08	ZM_024_B1_A08_T7C	
30771	ZM_024_B1_A09	ZM_024_B1_A09_T7C	
30772	ZM_024_B1_A10	ZM_024_B1_A10_T7C	
30773	ZM_024_B1_A10		ZM_024_B1_A10_MR
30774	ZM_024_B1_A11	ZM_024_B1_A11_T7C	
30775	ZM_024_B1_A12	ZM_024_B1_A12_T7C	
30776	ZM_024_B1_B01	ZM_024_B1_B01_T7C	
30777	ZM_024_B1_B02	ZM_024_B1_B02_T7C	
30778	ZM_024_B1_B02		ZM_024_B1_B02_MR
30779	ZM_024_B1_B03		ZM_024_B1_B03_MR
30780	ZM_024_B1_B04	ZM_024_B1_B04_T7C	
30781	ZM_024_B1_B04		ZM_024_B1_B04_MR
30782	ZM_024_B1_B05	ZM_024_B1_B05_T7C	
30783	ZM_024_B1_B05		ZM_024_B1_B05_MR
30784	ZM_024_B1_B06	ZM_024_B1_B06_T7C	
30785	ZM_024_B1_B06		ZM_024_B1_B06_MR
30786	ZM_024_B1_B07	ZM_024_B1_B07_T7C	
30787	ZM_024_B1_B07		ZM_024_B1_B07_MR
30788	ZM_024_B1_B08	ZM_024_B1_B08_T7C	
30789	ZM_024_B1_B10	ZM_024_B1_B10_T7C	
30790	ZM_024_B1_B10		ZM_024_B1_B10_MR
30791	ZM_024_B1_B11	ZM_024_B1_B11_T7C	
30792	ZM_024_B1_B11		ZM_024_B1_B11_MR
30793	ZM_024_B1_B12	ZM_024_B1_B12_T7C	
30794	ZM_024_B1_B12		ZM_024_B1_B12_MR
30795	ZM_024_B1_C01	ZM_024_B1_C01_T7C	
30796	ZM_024_B1_C02		ZM_024_B1_C02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30797	ZM_024_B1_C03	ZM_024_B1_C03_T7C	
30798	ZM_024_B1_C03		ZM_024_B1_C03_MR
30799	ZM_024_B1_C04	ZM_024_B1_C04_T7C	
30800	ZM_024_B1_C04		ZM_024_B1_C04_MR
30801	ZM_024_B1_C05	ZM_024_B1_C05_T7C	
30802	ZM_024_B1_C05		ZM_024_B1_C05_MR
30803	ZM_024_B1_C07	ZM_024_B1_C07_T7C	
30804	ZM_024_B1_C08	ZM_024_B1_C08_T7C	
30805	ZM_024_B1_C08		ZM_024_B1_C08_MR
30806	ZM_024_B1_C09	ZM_024_B1_C09_T7C	
30807	ZM_024_B1_C09		ZM_024_B1_C09_MR
30808	ZM_024_B1_C10	ZM_024_B1_C10_T7C	
30809	ZM_024_B1_C10		ZM_024_B1_C10_MR
30810	ZM_024_B1_C12	ZM_024_B1_C12_T7C	
30811	ZM_024_B1_C12		ZM_024_B1_C12_MR
30812	ZM_024_B1_D01	ZM_024_B1_D01_T7C	
30813	ZM_024_B1_D02	ZM_024_B1_D02_T7C	
30814	ZM_024_B1_D03	ZM_024_B1_D03_T7C	
30815	ZM_024_B1_D03		ZM_024_B1_D03_MR
30816	ZM_024_B1_D04		ZM_024_B1_D04_MR
30817	ZM_024_B1_D05		ZM_024_B1_D05_MR
30818	ZM_024_B1_D06	ZM_024_B1_D06_T7C	
30819	ZM_024_B1_D06		ZM_024_B1_D06_MR
30820	ZM_024_B1_D07	ZM_024_B1_D07_T7C	
30821	ZM_024_B1_D07		ZM_024_B1_D07_MR
30822	ZM_024_B1_D08	ZM_024_B1_D08_T7C	
30823	ZM_024_B1_D08		ZM_024_B1_D08_MR
30824	ZM_024_B1_D09	ZM_024_B1_D09_T7C	
30825	ZM_024_B1_D09		ZM_024_B1_D09_MR
30826	ZM_024_B1_D10	ZM_024_B1_D10_T7C	
30827	ZM_024_B1_D10		ZM_024_B1_D10_MR
30828	ZM_024_B1_D11	ZM_024_B1_D11_T7C	
30829	ZM_024_B1_D11		ZM_024_B1_D11_MR
30830	ZM_024_B1_D12	ZM_024_B1_D12_T7C	
30831	ZM_024_B1_D12		ZM_024_B1_D12_MR
30832	ZM_024_B1_E02	ZM_024_B1_E02_T7C	
30833	ZM_024_B1_E03	ZM_024_B1_E03_T7C	
30834	ZM_024_B1_E03		ZM_024_B1_E03_MR
30835	ZM_024_B1_E04		ZM_024_B1_E04_MR
30836	ZM_024_B1_E05	ZM_024_B1_E05_T7C	
30837	ZM_024_B1_E05		ZM_024_B1_E05_MR
30838	ZM_024_B1_E07	ZM_024_B1_E07_T7C	
30839	ZM_024_B1_E07		ZM_024_B1_E07_MR
30840	ZM_024_B1_E08		ZM_024_B1_E08_MR
30841	ZM_024_B1_E09	ZM_024_B1_E09_T7C	
30842	ZM_024_B1_E09		ZM_024_B1_E09_MR
30843	ZM_024_B1_E10	ZM_024_B1_E10_T7C	
30844	ZM_024_B1_E11	ZM_024_B1_E11_T7C	
30845	ZM_024_B1_E11		ZM_024_B1_E11_MR
30846	ZM_024_B1_E12	ZM_024_B1_E12_T7C	
30847	ZM_024_B1_E12		ZM_024_B1_E12_MR
30848	ZM_024_B1_F01	ZM_024_B1_F01_T7C	
30849	ZM_024_B1_F02	ZM_024_B1_F02_T7C	
30850	ZM_024_B1_F02		ZM_024_B1_F02_MR
30851	ZM_024_B1_F03	ZM_024_B1_F03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30852	ZM_024_B1_F03		ZM_024_B1_F03_MR
30853	ZM_024_B1_F04	ZM_024_B1_F04_T7C	
30854	ZM_024_B1_F04		ZM_024_B1_F04_MR
30855	ZM_024_B1_F05		ZM_024_B1_F05_MR
30856	ZM_024_B1_F06	ZM_024_B1_F06_T7C	
30857	ZM_024_B1_F06		ZM_024_B1_F06_MR
30858	ZM_024_B1_F07	ZM_024_B1_F07_T7C	
30859	ZM_024_B1_F07		ZM_024_B1_F07_MR
30860	ZM_024_B1_F08		ZM_024_B1_F08_MR
30861	ZM_024_B1_F09	ZM_024_B1_F09_T7C	
30862	ZM_024_B1_F09		ZM_024_B1_F09_MR
30863	ZM_024_B1_F10	ZM_024_B1_F10_T7C	
30864	ZM_024_B1_F11	ZM_024_B1_F11_T7C	
30865	ZM_024_B1_F11		ZM_024_B1_F11_MR
30866	ZM_024_B1_F12	ZM_024_B1_F12_T7C	
30867	ZM_024_B1_F12		ZM_024_B1_F12_MR
30868	ZM_024_B1_G01	ZM_024_B1_G01_T7C	
30869	ZM_024_B1_G01		ZM_024_B1_G01_MR
30870	ZM_024_B1_G02	ZM_024_B1_G02_T7C	
30871	ZM_024_B1_G03		ZM_024_B1_G03_MR
30872	ZM_024_B1_G04	ZM_024_B1_G04_T7C	
30873	ZM_024_B1_G04		ZM_024_B1_G04_MR
30874	ZM_024_B1_G05	ZM_024_B1_G05_T7C	
30875	ZM_024_B1_G05		ZM_024_B1_G05_MR
30876	ZM_024_B1_G06	ZM_024_B1_G06_T7C	
30877	ZM_024_B1_G06		ZM_024_B1_G06_MR
30878	ZM_024_B1_G07	ZM_024_B1_G07_T7C	
30879	ZM_024_B1_G07		ZM_024_B1_G07_MR
30880	ZM_024_B1_G08	ZM_024_B1_G08_T7C	
30881	ZM_024_B1_G08		ZM_024_B1_G08_MR
30882	ZM_024_B1_G09	ZM_024_B1_G09_T7C	
30883	ZM_024_B1_G09		ZM_024_B1_G09_MR
30884	ZM_024_B1_G10	ZM_024_B1_G10_T7C	
30885	ZM_024_B1_G10		ZM_024_B1_G10_MR
30886	ZM_024_B1_G11	ZM_024_B1_G11_T7C	
30887	ZM_024_B1_G11		ZM_024_B1_G11_MR
30888	ZM_024_B1_G12	ZM_024_B1_G12_T7C	
30889	ZM_024_B1_G12		ZM_024_B1_G12_MR
30890	ZM_024_B1_H01		ZM_024_B1_H01_MR
30891	ZM_024_B1_H02	ZM_024_B1_H02_T7C	
30892	ZM_024_B1_H03	ZM_024_B1_H03_T7C	
30893	ZM_024_B1_H03		ZM_024_B1_H03_MR
30894	ZM_024_B1_H04	ZM_024_B1_H04_T7C	
30895	ZM_024_B1_H04		ZM_024_B1_H04_MR
30896	ZM_024_B1_H05	ZM_024_B1_H05_T7C	
30897	ZM_024_B1_H06	ZM_024_B1_H06_T7C	
30898	ZM_024_B1_H06		ZM_024_B1_H06_MR
30899	ZM_024_B1_H07	ZM_024_B1_H07_T7C	
30900	ZM_024_B1_H08	ZM_024_B1_H08_T7C	
30901	ZM_024_B1_H08		ZM_024_B1_H08_MR
30902	ZM_024_B1_H09	ZM_024_B1_H09_T7C	
30903	ZM_024_B1_H09		ZM_024_B1_H09_MR
30904	ZM_024_B1_H10	ZM_024_B1_H10_T7C	
30905	ZM_024_B1_H10		ZM_024_B1_H10_MR
30906	ZM_024_B1_H11	ZM_024_B1_H11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30907	ZM_024_B1_H11		ZM_024_B1_H11_MR
30908	ZM_024_B1_H12	ZM_024_B1_H12_T7C	
30909	ZM_024_B1_H12		ZM_024_B1_H12_MR
30910	ZM_024_B2_A01	ZM_024_B2_A01_T7C	
30911	ZM_024_B2_A01		ZM_024_B2_A01_MR
30912	ZM_024_B2_A02	ZM_024_B2_A02_T7C	
30913	ZM_024_B2_A02		ZM_024_B2_A02_MR
30914	ZM_024_B2_A03	ZM_024_B2_A03_T7C	
30915	ZM_024_B2_A04	ZM_024_B2_A04_T7C	
30916	ZM_024_B2_A04		ZM_024_B2_A04_MR
30917	ZM_024_B2_A05	ZM_024_B2_A05_T7C	
30918	ZM_024_B2_A05		ZM_024_B2_A05_MR
30919	ZM_024_B2_A06	ZM_024_B2_A06_T7C	
30920	ZM_024_B2_A06		ZM_024_B2_A06_MR
30921	ZM_024_B2_A07	ZM_024_B2_A07_T7C	
30922	ZM_024_B2_A07		ZM_024_B2_A07_MR
30923	ZM_024_B2_A08	ZM_024_B2_A08_T7C	
30924	ZM_024_B2_A08		ZM_024_B2_A08_MR
30925	ZM_024_B2_A09	ZM_024_B2_A09_T7C	
30926	ZM_024_B2_A09		ZM_024_B2_A09_MR
30927	ZM_024_B2_A10	ZM_024_B2_A10_T7C	
30928	ZM_024_B2_A10		ZM_024_B2_A10_MR
30929	ZM_024_B2_A11	ZM_024_B2_A11_T7C	
30930	ZM_024_B2_A11		ZM_024_B2_A11_MR
30931	ZM_024_B2_B01	ZM_024_B2_B01_T7C	
30932	ZM_024_B2_B01		ZM_024_B2_B01_MR
30933	ZM_024_B2_B02	ZM_024_B2_B02_T7C	
30934	ZM_024_B2_B02		ZM_024_B2_B02_MR
30935	ZM_024_B2_B03	ZM_024_B2_B03_T7C	
30936	ZM_024_B2_B03		ZM_024_B2_B03_MR
30937	ZM_024_B2_B04	ZM_024_B2_B04_T7C	
30938	ZM_024_B2_B04		ZM_024_B2_B04_MR
30939	ZM_024_B2_B05	ZM_024_B2_B05_T7C	
30940	ZM_024_B2_B05		ZM_024_B2_B05_MR
30941	ZM_024_B2_B06	ZM_024_B2_B06_T7C	
30942	ZM_024_B2_B06		ZM_024_B2_B06_MR
30943	ZM_024_B2_B07	ZM_024_B2_B07_T7C	
30944	ZM_024_B2_B07		ZM_024_B2_B07_MR
30945	ZM_024_B2_B08	ZM_024_B2_B08_T7C	
30946	ZM_024_B2_B08		ZM_024_B2_B08_MR
30947	ZM_024_B2_B09	ZM_024_B2_B09_T7C	
30948	ZM_024_B2_B09		ZM_024_B2_B09_MR
30949	ZM_024_B2_B11	ZM_024_B2_B11_T7C	
30950	ZM_024_B2_B11		ZM_024_B2_B11_MR
30951	ZM_024_B2_B12	ZM_024_B2_B12_T7C	
30952	ZM_024_B2_B12		ZM_024_B2_B12_MR
30953	ZM_024_B2_C01	ZM_024_B2_C01_T7C	
30954	ZM_024_B2_C01		ZM_024_B2_C01_MR
30955	ZM_024_B2_C02	ZM_024_B2_C02_T7C	
30956	ZM_024_B2_C02		ZM_024_B2_C02_MR
30957	ZM_024_B2_C03	ZM_024_B2_C03_T7C	
30958	ZM_024_B2_C03		ZM_024_B2_C03_MR
30959	ZM_024_B2_C04	ZM_024_B2_C04_T7C	
30960	ZM_024_B2_C04		ZM_024_B2_C04_MR
30961	ZM_024_B2_C05	ZM_024_B2_C05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
30962	ZM_024_B2_C05		ZM_024_B2_C05_MR
30963	ZM_024_B2_C06	ZM_024_B2_C06_T7C	
30964	ZM_024_B2_C06		ZM_024_B2_C06_MR
30965	ZM_024_B2_C07	ZM_024_B2_C07_T7C	
30966	ZM_024_B2_C07		ZM_024_B2_C07_MR
30967	ZM_024_B2_C08	ZM_024_B2_C08_T7C	
30968	ZM_024_B2_C08		ZM_024_B2_C08_MR
30969	ZM_024_B2_C09	ZM_024_B2_C09_T7C	
30970	ZM_024_B2_C09		ZM_024_B2_C09_MR
30971	ZM_024_B2_C10	ZM_024_B2_C10_T7C	
30972	ZM_024_B2_C10		ZM_024_B2_C10_MR
30973	ZM_024_B2_C11	ZM_024_B2_C11_T7C	
30974	ZM_024_B2_C11		ZM_024_B2_C11_MR
30975	ZM_024_B2_C12	ZM_024_B2_C12_T7C	
30976	ZM_024_B2_C12		ZM_024_B2_C12_MR
30977	ZM_024_B2_D01	ZM_024_B2_D01_T7C	
30978	ZM_024_B2_D01		ZM_024_B2_D01_MR
30979	ZM_024_B2_D02	ZM_024_B2_D02_T7C	
30980	ZM_024_B2_D02		ZM_024_B2_D02_MR
30981	ZM_024_B2_D03	ZM_024_B2_D03_T7C	
30982	ZM_024_B2_D03		ZM_024_B2_D03_MR
30983	ZM_024_B2_D04	ZM_024_B2_D04_T7C	
30984	ZM_024_B2_D04		ZM_024_B2_D04_MR
30985	ZM_024_B2_D05	ZM_024_B2_D05_T7C	
30986	ZM_024_B2_D05		ZM_024_B2_D05_MR
30987	ZM_024_B2_D06	ZM_024_B2_D06_T7C	
30988	ZM_024_B2_D06		ZM_024_B2_D06_MR
30989	ZM_024_B2_D07	ZM_024_B2_D07_T7C	
30990	ZM_024_B2_D07		ZM_024_B2_D07_MR
30991	ZM_024_B2_D08	ZM_024_B2_D08_T7C	
30992	ZM_024_B2_D08		ZM_024_B2_D08_MR
30993	ZM_024_B2_D09	ZM_024_B2_D09_T7C	
30994	ZM_024_B2_D09		ZM_024_B2_D09_MR
30995	ZM_024_B2_D10	ZM_024_B2_D10_T7C	
30996	ZM_024_B2_D10		ZM_024_B2_D10_MR
30997	ZM_024_B2_D11	ZM_024_B2_D11_T7C	
30998	ZM_024_B2_D11		ZM_024_B2_D11_MR
30999	ZM_024_B2_D12	ZM_024_B2_D12_T7C	
31000	ZM_024_B2_D12		ZM_024_B2_D12_MR
31001	ZM_024_B2_E01	ZM_024_B2_E01_T7C	
31002	ZM_024_B2_E01		ZM_024_B2_E01_MR
31003	ZM_024_B2_E02	ZM_024_B2_E02_T7C	
31004	ZM_024_B2_E02		ZM_024_B2_E02_MR
31005	ZM_024_B2_E03	ZM_024_B2_E03_T7C	
31006	ZM_024_B2_E03		ZM_024_B2_E03_MR
31007	ZM_024_B2_E04	ZM_024_B2_E04_T7C	
31008	ZM_024_B2_E04		ZM_024_B2_E04_MR
31009	ZM_024_B2_E05	ZM_024_B2_E05_T7C	
31010	ZM_024_B2_E05		ZM_024_B2_E05_MR
31011	ZM_024_B2_E06		ZM_024_B2_E06_MR
31012	ZM_024_B2_E07	ZM_024_B2_E07_T7C	
31013	ZM_024_B2_E07		ZM_024_B2_E07_MR
31014	ZM_024_B2_E08	ZM_024_B2_E08_T7C	
31015	ZM_024_B2_E08		ZM_024_B2_E08_MR
31016	ZM_024_B2_E09	ZM_024_B2_E09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31017	ZM_024_B2_E09		ZM_024_B2_E09_MR
31018	ZM_024_B2_E10	ZM_024_B2_E10_T7C	
31019	ZM_024_B2_E10		ZM_024_B2_E10_MR
31020	ZM_024_B2_E11	ZM_024_B2_E11_T7C	
31021	ZM_024_B2_E11		ZM_024_B2_E11_MR
31022	ZM_024_B2_E12	ZM_024_B2_E12_T7C	
31023	ZM_024_B2_E12		ZM_024_B2_E12_MR
31024	ZM_024_B2_F01	ZM_024_B2_F01_T7C	
31025	ZM_024_B2_F01		ZM_024_B2_F01_MR
31026	ZM_024_B2_F02	ZM_024_B2_F02_T7C	
31027	ZM_024_B2_F02		ZM_024_B2_F02_MR
31028	ZM_024_B2_F03	ZM_024_B2_F03_T7C	
31029	ZM_024_B2_F03		ZM_024_B2_F03_MR
31030	ZM_024_B2_F04	ZM_024_B2_F04_T7C	
31031	ZM_024_B2_F04		ZM_024_B2_F04_MR
31032	ZM_024_B2_F05	ZM_024_B2_F05_T7C	
31033	ZM_024_B2_F05		ZM_024_B2_F05_MR
31034	ZM_024_B2_F06	ZM_024_B2_F06_T7C	
31035	ZM_024_B2_F06		ZM_024_B2_F06_MR
31036	ZM_024_B2_F07	ZM_024_B2_F07_T7C	
31037	ZM_024_B2_F07		ZM_024_B2_F07_MR
31038	ZM_024_B2_F08	ZM_024_B2_F08_T7C	
31039	ZM_024_B2_F08		ZM_024_B2_F08_MR
31040	ZM_024_B2_F09	ZM_024_B2_F09_T7C	
31041	ZM_024_B2_F09		ZM_024_B2_F09_MR
31042	ZM_024_B2_F10	ZM_024_B2_F10_T7C	
31043	ZM_024_B2_F10		ZM_024_B2_F10_MR
31044	ZM_024_B2_F11	ZM_024_B2_F11_T7C	
31045	ZM_024_B2_F11		ZM_024_B2_F11_MR
31046	ZM_024_B2_F12	ZM_024_B2_F12_T7C	
31047	ZM_024_B2_F12		ZM_024_B2_F12_MR
31048	ZM_024_B2_G02	ZM_024_B2_G02_T7C	
31049	ZM_024_B2_G02		ZM_024_B2_G02_MR
31050	ZM_024_B2_G03	ZM_024_B2_G03_T7C	
31051	ZM_024_B2_G03		ZM_024_B2_G03_MR
31052	ZM_024_B2_G04		ZM_024_B2_G04_MR
31053	ZM_024_B2_G05	ZM_024_B2_G05_T7C	
31054	ZM_024_B2_G05		ZM_024_B2_G05_MR
31055	ZM_024_B2_G06	ZM_024_B2_G06_T7C	
31056	ZM_024_B2_G06		ZM_024_B2_G06_MR
31057	ZM_024_B2_G07	ZM_024_B2_G07_T7C	
31058	ZM_024_B2_G07		ZM_024_B2_G07_MR
31059	ZM_024_B2_G08	ZM_024_B2_G08_T7C	
31060	ZM_024_B2_G08		ZM_024_B2_G08_MR
31061	ZM_024_B2_G09	ZM_024_B2_G09_T7C	
31062	ZM_024_B2_G09		ZM_024_B2_G09_MR
31063	ZM_024_B2_G10	ZM_024_B2_G10_T7C	
31064	ZM_024_B2_G10		ZM_024_B2_G10_MR
31065	ZM_024_B2_G11	ZM_024_B2_G11_T7C	
31066	ZM_024_B2_G11		ZM_024_B2_G11_MR
31067	ZM_024_B2_G12	ZM_024_B2_G12_T7C	
31068	ZM_024_B2_G12		ZM_024_B2_G12_MR
31069	ZM_024_B2_H01	ZM_024_B2_H01_T7C	
31070	ZM_024_B2_H01		ZM_024_B2_H01_MR
31071	ZM_024_B2_H02	ZM_024_B2_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31072	ZM_024_B2_H02		ZM_024_B2_H02_MR
31073	ZM_024_B2_H03	ZM_024_B2_H03_T7C	
31074	ZM_024_B2_H03		ZM_024_B2_H03_MR
31075	ZM_024_B2_H04	ZM_024_B2_H04_T7C	
31076	ZM_024_B2_H04		ZM_024_B2_H04_MR
31077	ZM_024_B2_H05		ZM_024_B2_H05_MR
31078	ZM_024_B2_H06	ZM_024_B2_H06_T7C	
31079	ZM_024_B2_H06		ZM_024_B2_H06_MR
31080	ZM_024_B2_H07	ZM_024_B2_H07_T7C	
31081	ZM_024_B2_H07		ZM_024_B2_H07_MR
31082	ZM_024_B2_H08	ZM_024_B2_H08_T7C	
31083	ZM_024_B2_H08		ZM_024_B2_H08_MR
31084	ZM_024_B2_H09	ZM_024_B2_H09_T7C	
31085	ZM_024_B2_H09		ZM_024_B2_H09_MR
31086	ZM_024_B2_H10	ZM_024_B2_H10_T7C	
31087	ZM_024_B2_H10		ZM_024_B2_H10_MR
31088	ZM_024_B2_H11	ZM_024_B2_H11_T7C	
31089	ZM_024_B2_H11		ZM_024_B2_H11_MR
31090	ZM_024_B2_H12	ZM_024_B2_H12_T7C	
31091	ZM_024_B2_H12		ZM_024_B2_H12_MR
31092	ZM_025_A1_A01		ZM_025_A1_A01_MR
31093	ZM_025_A1_A02		ZM_025_A1_A02_MR
31094	ZM_025_A1_A03	ZM_025_A1_A03_T7C	
31095	ZM_025_A1_A03		ZM_025_A1_A03_MR
31096	ZM_025_A1_A04		ZM_025_A1_A04_MR
31097	ZM_025_A1_A05		ZM_025_A1_A05_MR
31098	ZM_025_A1_A06	ZM_025_A1_A06_T7C	
31099	ZM_025_A1_A07	ZM_025_A1_A07_T7C	
31100	ZM_025_A1_A07		ZM_025_A1_A07_MR
31101	ZM_025_A1_A08	ZM_025_A1_A08_T7C	
31102	ZM_025_A1_A08		ZM_025_A1_A08_MR
31103	ZM_025_A1_A09	ZM_025_A1_A09_T7C	
31104	ZM_025_A1_A09		ZM_025_A1_A09_MR
31105	ZM_025_A1_A10		ZM_025_A1_A10_MR
31106	ZM_025_A1_A11		ZM_025_A1_A11_MR
31107	ZM_025_A1_A12		ZM_025_A1_A12_MR
31108	ZM_025_A1_B01	ZM_025_A1_B01_T7C	
31109	ZM_025_A1_B01		ZM_025_A1_B01_MR
31110	ZM_025_A1_B02	ZM_025_A1_B02_T7C	
31111	ZM_025_A1_B02		ZM_025_A1_B02_MR
31112	ZM_025_A1_B03	ZM_025_A1_B03_T7C	
31113	ZM_025_A1_B03		ZM_025_A1_B03_MR
31114	ZM_025_A1_B04	ZM_025_A1_B04_T7C	
31115	ZM_025_A1_B04		ZM_025_A1_B04_MR
31116	ZM_025_A1_B05		ZM_025_A1_B05_MR
31117	ZM_025_A1_B06	ZM_025_A1_B06_T7C	
31118	ZM_025_A1_B06		ZM_025_A1_B06_MR
31119	ZM_025_A1_B07		ZM_025_A1_B07_MR
31120	ZM_025_A1_B08	ZM_025_A1_B08_T7C	
31121	ZM_025_A1_B08		ZM_025_A1_B08_MR
31122	ZM_025_A1_B09	ZM_025_A1_B09_T7C	
31123	ZM_025_A1_B09		ZM_025_A1_B09_MR
31124	ZM_025_A1_B10	ZM_025_A1_B10_T7C	
31125	ZM_025_A1_B10		ZM_025_A1_B10_MR
31126	ZM_025_A1_B11		ZM_025_A1_B11_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31127	ZM_025_A1_B12		ZM_025_A1_B12_MR
31128	ZM_025_A1_C02		ZM_025_A1_C02_MR
31129	ZM_025_A1_C03	ZM_025_A1_C03_T7C	
31130	ZM_025_A1_C03		ZM_025_A1_C03_MR
31131	ZM_025_A1_C04		ZM_025_A1_C04_MR
31132	ZM_025_A1_C05		ZM_025_A1_C05_MR
31133	ZM_025_A1_C07		ZM_025_A1_C07_MR
31134	ZM_025_A1_C08	ZM_025_A1_C08_T7C	
31135	ZM_025_A1_C08		ZM_025_A1_C08_MR
31136	ZM_025_A1_C09	ZM_025_A1_C09_T7C	
31137	ZM_025_A1_C09		ZM_025_A1_C09_MR
31138	ZM_025_A1_C10		ZM_025_A1_C10_MR
31139	ZM_025_A1_C11		ZM_025_A1_C11_MR
31140	ZM_025_A1_C12		ZM_025_A1_C12_MR
31141	ZM_025_A1_D01		ZM_025_A1_D01_MR
31142	ZM_025_A1_D02	ZM_025_A1_D02_T7C	
31143	ZM_025_A1_D02		ZM_025_A1_D02_MR
31144	ZM_025_A1_D03		ZM_025_A1_D03_MR
31145	ZM_025_A1_D05	ZM_025_A1_D05_T7C	
31146	ZM_025_A1_D05		ZM_025_A1_D05_MR
31147	ZM_025_A1_D06	ZM_025_A1_D06_T7C	
31148	ZM_025_A1_D06		ZM_025_A1_D06_MR
31149	ZM_025_A1_D07		ZM_025_A1_D07_MR
31150	ZM_025_A1_D08	ZM_025_A1_D08_T7C	
31151	ZM_025_A1_D08		ZM_025_A1_D08_MR
31152	ZM_025_A1_D10		ZM_025_A1_D10_MR
31153	ZM_025_A1_D11	ZM_025_A1_D11_T7C	
31154	ZM_025_A1_D11		ZM_025_A1_D11_MR
31155	ZM_025_A1_E01	ZM_025_A1_E01_T7C	
31156	ZM_025_A1_E01		ZM_025_A1_E01_MR
31157	ZM_025_A1_E02		ZM_025_A1_E02_MR
31158	ZM_025_A1_E03		ZM_025_A1_E03_MR
31159	ZM_025_A1_E04		ZM_025_A1_E04_MR
31160	ZM_025_A1_E05	ZM_025_A1_E05_T7C	
31161	ZM_025_A1_E05		ZM_025_A1_E05_MR
31162	ZM_025_A1_E06		ZM_025_A1_E06_MR
31163	ZM_025_A1_E07	ZM_025_A1_E07_T7C	
31164	ZM_025_A1_E07		ZM_025_A1_E07_MR
31165	ZM_025_A1_E08		ZM_025_A1_E08_MR
31166	ZM_025_A1_E09		ZM_025_A1_E09_MR
31167	ZM_025_A1_E10	ZM_025_A1_E10_T7C	
31168	ZM_025_A1_E10		ZM_025_A1_E10_MR
31169	ZM_025_A1_E11	ZM_025_A1_E11_T7C	
31170	ZM_025_A1_E11		ZM_025_A1_E11_MR
31171	ZM_025_A1_E12		ZM_025_A1_E12_MR
31172	ZM_025_A1_F01		ZM_025_A1_F01_MR
31173	ZM_025_A1_F02	ZM_025_A1_F02_T7C	
31174	ZM_025_A1_F02		ZM_025_A1_F02_MR
31175	ZM_025_A1_F03		ZM_025_A1_F03_MR
31176	ZM_025_A1_F04	ZM_025_A1_F04_T7C	
31177	ZM_025_A1_F04		ZM_025_A1_F04_MR
31178	ZM_025_A1_F05		ZM_025_A1_F05_MR
31179	ZM_025_A1_F06	ZM_025_A1_F06_T7C	
31180	ZM_025_A1_F06		ZM_025_A1_F06_MR
31181	ZM_025_A1_F07	ZM_025_A1_F07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31182	ZM_025_A1_F07		ZM_025_A1_F07_MR
31183	ZM_025_A1_F08	ZM_025_A1_F08_T7C	
31184	ZM_025_A1_F08		ZM_025_A1_F08_MR
31185	ZM_025_A1_F09		ZM_025_A1_F09_MR
31186	ZM_025_A1_F10		ZM_025_A1_F10_MR
31187	ZM_025_A1_F11	ZM_025_A1_F11_T7C	
31188	ZM_025_A1_F11		ZM_025_A1_F11_MR
31189	ZM_025_A1_F12	ZM_025_A1_F12_T7C	
31190	ZM_025_A1_F12		ZM_025_A1_F12_MR
31191	ZM_025_A1_G01		ZM_025_A1_G01_MR
31192	ZM_025_A1_G02		ZM_025_A1_G02_MR
31193	ZM_025_A1_G03	ZM_025_A1_G03_T7C	
31194	ZM_025_A1_G03		ZM_025_A1_G03_MR
31195	ZM_025_A1_G04		ZM_025_A1_G04_MR
31196	ZM_025_A1_G05	ZM_025_A1_G05_T7C	
31197	ZM_025_A1_G05		ZM_025_A1_G05_MR
31198	ZM_025_A1_G06		ZM_025_A1_G06_MR
31199	ZM_025_A1_G07	ZM_025_A1_G07_T7C	
31200	ZM_025_A1_G07		ZM_025_A1_G07_MR
31201	ZM_025_A1_G08		ZM_025_A1_G08_MR
31202	ZM_025_A1_G09	ZM_025_A1_G09_T7C	
31203	ZM_025_A1_G09		ZM_025_A1_G09_MR
31204	ZM_025_A1_G10		ZM_025_A1_G10_MR
31205	ZM_025_A1_G11	ZM_025_A1_G11_T7C	
31206	ZM_025_A1_G11		ZM_025_A1_G11_MR
31207	ZM_025_A1_G12	ZM_025_A1_G12_T7C	
31208	ZM_025_A1_G12		ZM_025_A1_G12_MR
31209	ZM_025_A1_H01	ZM_025_A1_H01_T7C	
31210	ZM_025_A1_H01		ZM_025_A1_H01_MR
31211	ZM_025_A1_H02	ZM_025_A1_H02_T7C	
31212	ZM_025_A1_H02		ZM_025_A1_H02_MR
31213	ZM_025_A1_H03	ZM_025_A1_H03_T7C	
31214	ZM_025_A1_H03		ZM_025_A1_H03_MR
31215	ZM_025_A1_H04	ZM_025_A1_H04_T7C	
31216	ZM_025_A1_H04		ZM_025_A1_H04_MR
31217	ZM_025_A1_H05		ZM_025_A1_H05_MR
31218	ZM_025_A1_H07	ZM_025_A1_H07_T7C	
31219	ZM_025_A1_H07		ZM_025_A1_H07_MR
31220	ZM_025_A1_H08		ZM_025_A1_H08_MR
31221	ZM_025_A1_H09		ZM_025_A1_H09_MR
31222	ZM_025_A1_H10		ZM_025_A1_H10_MR
31223	ZM_025_A1_H11		ZM_025_A1_H11_MR
31224	ZM_025_A1_H12		ZM_025_A1_H12_MR
31225	ZM_025_A2_A01	ZM_025_A2_A01_T7C	
31226	ZM_025_A2_A01		ZM_025_A2_A01_MR
31227	ZM_025_A2_A02		ZM_025_A2_A02_MR
31228	ZM_025_A2_A03	ZM_025_A2_A03_T7C	
31229	ZM_025_A2_A03		ZM_025_A2_A03_MR
31230	ZM_025_A2_A04		ZM_025_A2_A04_MR
31231	ZM_025_A2_A05		ZM_025_A2_A05_MR
31232	ZM_025_A2_A06		ZM_025_A2_A06_MR
31233	ZM_025_A2_A07	ZM_025_A2_A07_T7C	
31234	ZM_025_A2_A07		ZM_025_A2_A07_MR
31235	ZM_025_A2_A08		ZM_025_A2_A08_MR
31236	ZM_025_A2_A09	ZM_025_A2_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31237	ZM_025_A2_A09		ZM_025_A2_A09_MR
31238	ZM_025_A2_A10	ZM_025_A2_A10_T7C	
31239	ZM_025_A2_A10		ZM_025_A2_A10_MR
31240	ZM_025_A2_A11	ZM_025_A2_A11_T7C	
31241	ZM_025_A2_A11		ZM_025_A2_A11_MR
31242	ZM_025_A2_A12	ZM_025_A2_A12_T7C	
31243	ZM_025_A2_A12		ZM_025_A2_A12_MR
31244	ZM_025_A2_B01		ZM_025_A2_B01_MR
31245	ZM_025_A2_B02		ZM_025_A2_B02_MR
31246	ZM_025_A2_B03		ZM_025_A2_B03_MR
31247	ZM_025_A2_B04		ZM_025_A2_B04_MR
31248	ZM_025_A2_B05		ZM_025_A2_B05_MR
31249	ZM_025_A2_B06		ZM_025_A2_B06_MR
31250	ZM_025_A2_B07		ZM_025_A2_B07_MR
31251	ZM_025_A2_B08		ZM_025_A2_B08_MR
31252	ZM_025_A2_B09		ZM_025_A2_B09_MR
31253	ZM_025_A2_B10		ZM_025_A2_B10_MR
31254	ZM_025_A2_B11		ZM_025_A2_B11_MR
31255	ZM_025_A2_B12		ZM_025_A2_B12_MR
31256	ZM_025_A2_C01	ZM_025_A2_C01_T7C	
31257	ZM_025_A2_C01		ZM_025_A2_C01_MR
31258	ZM_025_A2_C02		ZM_025_A2_C02_MR
31259	ZM_025_A2_C03	ZM_025_A2_C03_T7C	
31260	ZM_025_A2_C03		ZM_025_A2_C03_MR
31261	ZM_025_A2_C04	ZM_025_A2_C04_T7C	
31262	ZM_025_A2_C04		ZM_025_A2_C04_MR
31263	ZM_025_A2_C05		ZM_025_A2_C05_MR
31264	ZM_025_A2_C06	ZM_025_A2_C06_T7C	
31265	ZM_025_A2_C06		ZM_025_A2_C06_MR
31266	ZM_025_A2_C07	ZM_025_A2_C07_T7C	
31267	ZM_025_A2_C07		ZM_025_A2_C07_MR
31268	ZM_025_A2_C08	ZM_025_A2_C08_T7C	
31269	ZM_025_A2_C08		ZM_025_A2_C08_MR
31270	ZM_025_A2_C09		ZM_025_A2_C09_MR
31271	ZM_025_A2_C10	ZM_025_A2_C10_T7C	
31272	ZM_025_A2_C10		ZM_025_A2_C10_MR
31273	ZM_025_A2_C11		ZM_025_A2_C11_MR
31274	ZM_025_A2_C12		ZM_025_A2_C12_MR
31275	ZM_025_A2_D01	ZM_025_A2_D01_T7C	
31276	ZM_025_A2_D01		ZM_025_A2_D01_MR
31277	ZM_025_A2_D02		ZM_025_A2_D02_MR
31278	ZM_025_A2_D03		ZM_025_A2_D03_MR
31279	ZM_025_A2_D04	ZM_025_A2_D04_T7C	
31280	ZM_025_A2_D04		ZM_025_A2_D04_MR
31281	ZM_025_A2_D05	ZM_025_A2_D05_T7C	
31282	ZM_025_A2_D05		ZM_025_A2_D05_MR
31283	ZM_025_A2_D06		ZM_025_A2_D06_MR
31284	ZM_025_A2_D07		ZM_025_A2_D07_MR
31285	ZM_025_A2_D08		ZM_025_A2_D08_MR
31286	ZM_025_A2_D09	ZM_025_A2_D09_T7C	
31287	ZM_025_A2_D09		ZM_025_A2_D09_MR
31288	ZM_025_A2_D10	ZM_025_A2_D10_T7C	
31289	ZM_025_A2_D10		ZM_025_A2_D10_MR
31290	ZM_025_A2_D11	ZM_025_A2_D11_T7C	
31291	ZM_025_A2_D11		ZM_025_A2_D11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31292	ZM_025_A2_D12		ZM_025_A2_D12_MR
31293	ZM_025_A2_E01	ZM_025_A2_E01_T7C	ZM_025_A2_E01_MR
31294	ZM_025_A2_E01		ZM_025_A2_E02_MR
31295	ZM_025_A2_E02		
31296	ZM_025_A2_E04	ZM_025_A2_E04_T7C	ZM_025_A2_E04_MR
31297	ZM_025_A2_E04		ZM_025_A2_E05_MR
31298	ZM_025_A2_E05		ZM_025_A2_E06_MR
31299	ZM_025_A2_E06		ZM_025_A2_E07_MR
31300	ZM_025_A2_E07		ZM_025_A2_E08_MR
31301	ZM_025_A2_E08		ZM_025_A2_E09_MR
31302	ZM_025_A2_E09		ZM_025_A2_E10_MR
31303	ZM_025_A2_E10		
31304	ZM_025_A2_E11	ZM_025_A2_E11_T7C	ZM_025_A2_E11_MR
31305	ZM_025_A2_E11		
31306	ZM_025_A2_E12	ZM_025_A2_E12_T7C	ZM_025_A2_E12_MR
31307	ZM_025_A2_E12		
31308	ZM_025_A2_F01	ZM_025_A2_F01_T7C	ZM_025_A2_F01_MR
31309	ZM_025_A2_F01		
31310	ZM_025_A2_F02	ZM_025_A2_F02_T7C	ZM_025_A2_F02_MR
31311	ZM_025_A2_F02		ZM_025_A2_F03_MR
31312	ZM_025_A2_F03		ZM_025_A2_F04_MR
31313	ZM_025_A2_F04		ZM_025_A2_F05_MR
31314	ZM_025_A2_F05		ZM_025_A2_F06_MR
31315	ZM_025_A2_F06		
31316	ZM_025_A2_F07	ZM_025_A2_F07_T7C	ZM_025_A2_F07_MR
31317	ZM_025_A2_F07		
31318	ZM_025_A2_F08	ZM_025_A2_F08_T7C	ZM_025_A2_F08_MR
31319	ZM_025_A2_F08		ZM_025_A2_F09_MR
31320	ZM_025_A2_F09		
31321	ZM_025_A2_F10	ZM_025_A2_F10_T7C	ZM_025_A2_F10_MR
31322	ZM_025_A2_F10		
31323	ZM_025_A2_F11	ZM_025_A2_F11_T7C	ZM_025_A2_F11_MR
31324	ZM_025_A2_F11		
31325	ZM_025_A2_F12	ZM_025_A2_F12_T7C	ZM_025_A2_F12_MR
31326	ZM_025_A2_F12		
31327	ZM_025_A2_G01	ZM_025_A2_G01_T7C	ZM_025_A2_G01_MR
31328	ZM_025_A2_G01		ZM_025_A2_G02_MR
31329	ZM_025_A2_G02		ZM_025_A2_G03_MR
31330	ZM_025_A2_G03		ZM_025_A2_G04_MR
31331	ZM_025_A2_G04		ZM_025_A2_G05_MR
31332	ZM_025_A2_G05		
31333	ZM_025_A2_G06	ZM_025_A2_G06_T7C	ZM_025_A2_G06_MR
31334	ZM_025_A2_G06		ZM_025_A2_G07_MR
31335	ZM_025_A2_G07		ZM_025_A2_G08_MR
31336	ZM_025_A2_G08		ZM_025_A2_G09_MR
31337	ZM_025_A2_G09		ZM_025_A2_G10_MR
31338	ZM_025_A2_G10		ZM_025_A2_G12_MR
31339	ZM_025_A2_G12		ZM_025_A2_H01_MR
31340	ZM_025_A2_H01		ZM_025_A2_H02_MR
31341	ZM_025_A2_H02		ZM_025_A2_H03_MR
31342	ZM_025_A2_H03		ZM_025_A2_H04_MR
31343	ZM_025_A2_H04		ZM_025_A2_H05_MR
31344	ZM_025_A2_H05		
31345	ZM_025_A2_H06	ZM_025_A2_H06_T7C	
31346	ZM_025_A2_H06		ZM_025_A2_H06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31347	ZM_025_A2_H07	ZM_025_A2_H07_T7C	ZM_025_A2_H07_MR
31348	ZM_025_A2_H07		ZM_025_A2_H08_MR
31349	ZM_025_A2_H08		ZM_025_A2_H09_MR
31350	ZM_025_A2_H09		ZM_025_A2_H10_MR
31351	ZM_025_A2_H10		ZM_025_A2_H11_MR
31352	ZM_025_A2_H11		ZM_025_B1_A01_MR
31353	ZM_025_B1_A01		ZM_025_B1_A02_MR
31354	ZM_025_B1_A02		ZM_025_B1_A03_MR
31355	ZM_025_B1_A03		ZM_025_B1_A04_MR
31356	ZM_025_B1_A04		ZM_025_B1_A05_MR
31357	ZM_025_B1_A05		ZM_025_B1_A07_MR
31358	ZM_025_B1_A07		ZM_025_B1_A08_MR
31359	ZM_025_B1_A08		ZM_025_B1_A09_MR
31360	ZM_025_B1_A09		ZM_025_B1_A10_MR
31361	ZM_025_B1_A10		ZM_025_B1_A11_MR
31362	ZM_025_B1_A11		ZM_025_B1_A12_MR
31363	ZM_025_B1_A12		ZM_025_B1_B01_MR
31364	ZM_025_B1_B01		ZM_025_B1_B02_MR
31365	ZM_025_B1_B02		ZM_025_B1_B04_MR
31366	ZM_025_B1_B04		ZM_025_B1_B06_MR
31367	ZM_025_B1_B06		ZM_025_B1_B07_MR
31368	ZM_025_B1_B07		ZM_025_B1_B08_MR
31369	ZM_025_B1_B08		ZM_025_B1_B10_MR
31370	ZM_025_B1_B10		ZM_025_B1_B11_MR
31371	ZM_025_B1_B11		ZM_025_B1_B12_MR
31372	ZM_025_B1_B12		ZM_025_B1_C01_MR
31373	ZM_025_B1_C01		ZM_025_B1_C02_MR
31374	ZM_025_B1_C02		ZM_025_B1_C04_MR
31375	ZM_025_B1_C04		ZM_025_B1_C05_MR
31376	ZM_025_B1_C05		ZM_025_B1_C06_MR
31377	ZM_025_B1_C06		ZM_025_B1_C09_MR
31378	ZM_025_B1_C09		ZM_025_B1_C10_MR
31379	ZM_025_B1_C10		ZM_025_B1_C12_MR
31380	ZM_025_B1_C12		ZM_025_B1_D01_MR
31381	ZM_025_B1_D01		ZM_025_B1_D02_MR
31382	ZM_025_B1_D02		ZM_025_B1_D03_MR
31383	ZM_025_B1_D03		ZM_025_B1_D04_MR
31384	ZM_025_B1_D04		ZM_025_B1_D05_MR
31385	ZM_025_B1_D05		ZM_025_B1_D06_MR
31386	ZM_025_B1_D06		ZM_025_B1_D07_MR
31387	ZM_025_B1_D07		ZM_025_B1_D08_MR
31388	ZM_025_B1_D08		ZM_025_B1_D09_MR
31389	ZM_025_B1_D09		ZM_025_B1_D10_MR
31390	ZM_025_B1_D10		ZM_025_B1_D11_MR
31391	ZM_025_B1_D11		ZM_025_B1_D12_MR
31392	ZM_025_B1_D12		ZM_025_B1_E01_MR
31393	ZM_025_B1_E01		ZM_025_B1_E02_MR
31394	ZM_025_B1_E02		ZM_025_B1_E03_MR
31395	ZM_025_B1_E03		ZM_025_B1_E04_MR
31396	ZM_025_B1_E04		ZM_025_B1_E05_MR
31397	ZM_025_B1_E05		ZM_025_B1_E06_MR
31398	ZM_025_B1_E06		ZM_025_B1_E07_MR
31399	ZM_025_B1_E07		ZM_025_B1_E09_MR
31400	ZM_025_B1_E09		ZM_025_B1_E10_MR
31401	ZM_025_B1_E10		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31402	ZM_025_B1_E11		ZM_025_B1_E11_MR
31403	ZM_025_B1_E12		ZM_025_B1_E12_MR
31404	ZM_025_B1_F01		ZM_025_B1_F01_MR
31405	ZM_025_B1_F02		ZM_025_B1_F02_MR
31406	ZM_025_B1_F03		ZM_025_B1_F03_MR
31407	ZM_025_B1_F04		ZM_025_B1_F04_MR
31408	ZM_025_B1_F05		ZM_025_B1_F05_MR
31409	ZM_025_B1_F06		ZM_025_B1_F06_MR
31410	ZM_025_B1_F07		ZM_025_B1_F07_MR
31411	ZM_025_B1_F08		ZM_025_B1_F08_MR
31412	ZM_025_B1_F09		ZM_025_B1_F09_MR
31413	ZM_025_B1_F10		ZM_025_B1_F10_MR
31414	ZM_025_B1_F11		ZM_025_B1_F11_MR
31415	ZM_025_B1_G01		ZM_025_B1_G01_MR
31416	ZM_025_B1_G02		ZM_025_B1_G02_MR
31417	ZM_025_B1_G03		ZM_025_B1_G03_MR
31418	ZM_025_B1_G04		ZM_025_B1_G04_MR
31419	ZM_025_B1_G05		ZM_025_B1_G05_MR
31420	ZM_025_B1_G07		ZM_025_B1_G07_MR
31421	ZM_025_B1_G08		ZM_025_B1_G08_MR
31422	ZM_025_B1_G09		ZM_025_B1_G09_MR
31423	ZM_025_B1_G10		ZM_025_B1_G10_MR
31424	ZM_025_B1_G12		ZM_025_B1_G12_MR
31425	ZM_025_B1_H01		ZM_025_B1_H01_MR
31426	ZM_025_B1_H02		ZM_025_B1_H02_MR
31427	ZM_025_B1_H03		ZM_025_B1_H03_MR
31428	ZM_025_B1_H04		ZM_025_B1_H04_MR
31429	ZM_025_B1_H05		ZM_025_B1_H05_MR
31430	ZM_025_B1_H06		ZM_025_B1_H06_MR
31431	ZM_025_B1_H07		ZM_025_B1_H07_MR
31432	ZM_025_B1_H08		ZM_025_B1_H08_MR
31433	ZM_025_B1_H09		ZM_025_B1_H09_MR
31434	ZM_025_B1_H11		ZM_025_B1_H11_MR
31435	ZM_025_B1_H12		ZM_025_B1_H12_MR
31436	ZM_025_B2_A02	ZM_025_B2_A02_T7	
31437	ZM_025_B2_A02		ZM_025_B2_A02_MR
31438	ZM_025_B2_A03	ZM_025_B2_A03_T7	
31439	ZM_025_B2_A03		ZM_025_B2_A03_MR
31440	ZM_025_B2_A04	ZM_025_B2_A04_T7	
31441	ZM_025_B2_A04		ZM_025_B2_A04_MR
31442	ZM_025_B2_A05	ZM_025_B2_A05_T7	
31443	ZM_025_B2_A05		ZM_025_B2_A05_MR
31444	ZM_025_B2_A06	ZM_025_B2_A06_T7	
31445	ZM_025_B2_A07	ZM_025_B2_A07_T7	
31446	ZM_025_B2_A07		ZM_025_B2_A07_MR
31447	ZM_025_B2_A08	ZM_025_B2_A08_T7	
31448	ZM_025_B2_A08		ZM_025_B2_A08_MR
31449	ZM_025_B2_A09	ZM_025_B2_A09_T7	
31450	ZM_025_B2_A09		ZM_025_B2_A09_MR
31451	ZM_025_B2_A10	ZM_025_B2_A10_T7	
31452	ZM_025_B2_A10		ZM_025_B2_A10_MR
31453	ZM_025_B2_A11		ZM_025_B2_A11_MR
31454	ZM_025_B2_A12	ZM_025_B2_A12_T7	
31455	ZM_025_B2_A12		ZM_025_B2_A12_MR
31456	ZM_025_B2_B01	ZM_025_B2_B01_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31457	ZM_025_B2_B01		ZM_025_B2_B01_MR
31458	ZM_025_B2_B02	ZM_025_B2_B02_T7	
31459	ZM_025_B2_B02		ZM_025_B2_B02_MR
31460	ZM_025_B2_B03	ZM_025_B2_B03_T7	
31461	ZM_025_B2_B03		ZM_025_B2_B03_MR
31462	ZM_025_B2_B04	ZM_025_B2_B04_T7	
31463	ZM_025_B2_B04		ZM_025_B2_B04_MR
31464	ZM_025_B2_B05	ZM_025_B2_B05_T7	
31465	ZM_025_B2_B05		ZM_025_B2_B05_MR
31466	ZM_025_B2_B06	ZM_025_B2_B06_T7	
31467	ZM_025_B2_B06		ZM_025_B2_B06_MR
31468	ZM_025_B2_B07	ZM_025_B2_B07_T7	
31469	ZM_025_B2_B07		ZM_025_B2_B07_MR
31470	ZM_025_B2_B08	ZM_025_B2_B08_T7	
31471	ZM_025_B2_B09	ZM_025_B2_B09_T7	
31472	ZM_025_B2_B10	ZM_025_B2_B10_T7	
31473	ZM_025_B2_B10		ZM_025_B2_B10_MR
31474	ZM_025_B2_B11	ZM_025_B2_B11_T7	
31475	ZM_025_B2_B12	ZM_025_B2_B12_T7	
31476	ZM_025_B2_B12		ZM_025_B2_B12_MR
31477	ZM_025_B2_C01	ZM_025_B2_C01_T7	
31478	ZM_025_B2_C01		ZM_025_B2_C01_MR
31479	ZM_025_B2_C02	ZM_025_B2_C02_T7	
31480	ZM_025_B2_C02		ZM_025_B2_C02_MR
31481	ZM_025_B2_C03	ZM_025_B2_C03_T7	
31482	ZM_025_B2_C03		ZM_025_B2_C03_MR
31483	ZM_025_B2_C04	ZM_025_B2_C04_T7	
31484	ZM_025_B2_C04		ZM_025_B2_C04_MR
31485	ZM_025_B2_C05	ZM_025_B2_C05_T7	
31486	ZM_025_B2_C06	ZM_025_B2_C06_T7	
31487	ZM_025_B2_C06		ZM_025_B2_C06_MR
31488	ZM_025_B2_C07	ZM_025_B2_C07_T7	
31489	ZM_025_B2_C07		ZM_025_B2_C07_MR
31490	ZM_025_B2_C08	ZM_025_B2_C08_T7	
31491	ZM_025_B2_C08		ZM_025_B2_C08_MR
31492	ZM_025_B2_C09	ZM_025_B2_C09_T7	
31493	ZM_025_B2_C09		ZM_025_B2_C09_MR
31494	ZM_025_B2_C10	ZM_025_B2_C10_T7	
31495	ZM_025_B2_C10		ZM_025_B2_C10_MR
31496	ZM_025_B2_C11	ZM_025_B2_C11_T7	
31497	ZM_025_B2_C11		ZM_025_B2_C11_MR
31498	ZM_025_B2_C12	ZM_025_B2_C12_T7	
31499	ZM_025_B2_C12		ZM_025_B2_C12_MR
31500	ZM_025_B2_D01	ZM_025_B2_D01_T7	
31501	ZM_025_B2_D01		ZM_025_B2_D01_MR
31502	ZM_025_B2_D02	ZM_025_B2_D02_T7	
31503	ZM_025_B2_D02		ZM_025_B2_D02_MR
31504	ZM_025_B2_D03	ZM_025_B2_D03_T7	
31505	ZM_025_B2_D03		ZM_025_B2_D03_MR
31506	ZM_025_B2_D04	ZM_025_B2_D04_T7	
31507	ZM_025_B2_D04		ZM_025_B2_D04_MR
31508	ZM_025_B2_D05	ZM_025_B2_D05_T7	
31509	ZM_025_B2_D05		ZM_025_B2_D05_MR
31510	ZM_025_B2_D06	ZM_025_B2_D06_T7	
31511	ZM_025_B2_D06		ZM_025_B2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31512	ZM_025_B2_D07	ZM_025_B2_D07_T7	
31513	ZM_025_B2_D07		ZM_025_B2_D07_MR
31514	ZM_025_B2_D08	ZM_025_B2_D08_T7	
31515	ZM_025_B2_D08		ZM_025_B2_D08_MR
31516	ZM_025_B2_D09	ZM_025_B2_D09_T7	
31517	ZM_025_B2_D09		ZM_025_B2_D09_MR
31518	ZM_025_B2_D10	ZM_025_B2_D10_T7	
31519	ZM_025_B2_D10		ZM_025_B2_D10_MR
31520	ZM_025_B2_D11	ZM_025_B2_D11_T7	
31521	ZM_025_B2_D11		ZM_025_B2_D11_MR
31522	ZM_025_B2_D12	ZM_025_B2_D12_T7	
31523	ZM_025_B2_D12		ZM_025_B2_D12_MR
31524	ZM_025_B2_E01	ZM_025_B2_E01_T7	
31525	ZM_025_B2_E01		ZM_025_B2_E01_MR
31526	ZM_025_B2_E02	ZM_025_B2_E02_T7	
31527	ZM_025_B2_E02		ZM_025_B2_E02_MR
31528	ZM_025_B2_E03	ZM_025_B2_E03_T7	
31529	ZM_025_B2_E04	ZM_025_B2_E04_T7	
31530	ZM_025_B2_E04		ZM_025_B2_E04_MR
31531	ZM_025_B2_E05	ZM_025_B2_E05_T7	
31532	ZM_025_B2_E05		ZM_025_B2_E05_MR
31533	ZM_025_B2_E06	ZM_025_B2_E06_T7	
31534	ZM_025_B2_E06		ZM_025_B2_E06_MR
31535	ZM_025_B2_E07	ZM_025_B2_E07_T7	
31536	ZM_025_B2_E07		ZM_025_B2_E07_MR
31537	ZM_025_B2_E08	ZM_025_B2_E08_T7	
31538	ZM_025_B2_E08		ZM_025_B2_E08_MR
31539	ZM_025_B2_E10	ZM_025_B2_E10_T7	
31540	ZM_025_B2_E10		ZM_025_B2_E10_MR
31541	ZM_025_B2_E11	ZM_025_B2_E11_T7	
31542	ZM_025_B2_E11		ZM_025_B2_E11_MR
31543	ZM_025_B2_E12	ZM_025_B2_E12_T7	
31544	ZM_025_B2_E12		ZM_025_B2_E12_MR
31545	ZM_025_B2_F01	ZM_025_B2_F01_T7	
31546	ZM_025_B2_F01		ZM_025_B2_F01_MR
31547	ZM_025_B2_F02	ZM_025_B2_F02_T7	
31548	ZM_025_B2_F02		ZM_025_B2_F02_MR
31549	ZM_025_B2_F03	ZM_025_B2_F03_T7	
31550	ZM_025_B2_F03		ZM_025_B2_F03_MR
31551	ZM_025_B2_F04	ZM_025_B2_F04_T7	
31552	ZM_025_B2_F04		ZM_025_B2_F04_MR
31553	ZM_025_B2_F05	ZM_025_B2_F05_T7	
31554	ZM_025_B2_F05		ZM_025_B2_F05_MR
31555	ZM_025_B2_F06	ZM_025_B2_F06_T7	
31556	ZM_025_B2_F07	ZM_025_B2_F07_T7	
31557	ZM_025_B2_F07		ZM_025_B2_F07_MR
31558	ZM_025_B2_F08	ZM_025_B2_F08_T7	
31559	ZM_025_B2_F08		ZM_025_B2_F08_MR
31560	ZM_025_B2_F09	ZM_025_B2_F09_T7	
31561	ZM_025_B2_F09		ZM_025_B2_F09_MR
31562	ZM_025_B2_F10	ZM_025_B2_F10_T7	
31563	ZM_025_B2_F10		ZM_025_B2_F10_MR
31564	ZM_025_B2_F11	ZM_025_B2_F11_T7	
31565	ZM_025_B2_F11		ZM_025_B2_F11_MR
31566	ZM_025_B2_F12	ZM_025_B2_F12_T7	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31567	ZM_025_B2_F12		ZM_025_B2_F12_MR
31568	ZM_025_B2_G01	ZM_025_B2_G01_T7	
31569	ZM_025_B2_G01		ZM_025_B2_G01_MR
31570	ZM_025_B2_G02	ZM_025_B2_G02_T7	
31571	ZM_025_B2_G02		ZM_025_B2_G02_MR
31572	ZM_025_B2_G03	ZM_025_B2_G03_T7	
31573	ZM_025_B2_G03		ZM_025_B2_G03_MR
31574	ZM_025_B2_G04	ZM_025_B2_G04_T7	
31575	ZM_025_B2_G04		ZM_025_B2_G04_MR
31576	ZM_025_B2_G05	ZM_025_B2_G05_T7	
31577	ZM_025_B2_G05		ZM_025_B2_G05_MR
31578	ZM_025_B2_G06	ZM_025_B2_G06_T7	
31579	ZM_025_B2_G07	ZM_025_B2_G07_T7	
31580	ZM_025_B2_G07		ZM_025_B2_G07_MR
31581	ZM_025_B2_G08	ZM_025_B2_G08_T7	
31582	ZM_025_B2_G08		ZM_025_B2_G08_MR
31583	ZM_025_B2_G09	ZM_025_B2_G09_T7	
31584	ZM_025_B2_G09		ZM_025_B2_G09_MR
31585	ZM_025_B2_G10	ZM_025_B2_G10_T7	
31586	ZM_025_B2_G10		ZM_025_B2_G10_MR
31587	ZM_025_B2_G11	ZM_025_B2_G11_T7	
31588	ZM_025_B2_G11		ZM_025_B2_G11_MR
31589	ZM_025_B2_G12	ZM_025_B2_G12_T7	
31590	ZM_025_B2_G12		ZM_025_B2_G12_MR
31591	ZM_025_B2_H01	ZM_025_B2_H01_T7	
31592	ZM_025_B2_H01		ZM_025_B2_H01_MR
31593	ZM_025_B2_H02	ZM_025_B2_H02_T7	
31594	ZM_025_B2_H02		ZM_025_B2_H02_MR
31595	ZM_025_B2_H03	ZM_025_B2_H03_T7	
31596	ZM_025_B2_H03		ZM_025_B2_H03_MR
31597	ZM_025_B2_H04	ZM_025_B2_H04_T7	
31598	ZM_025_B2_H04		ZM_025_B2_H04_MR
31599	ZM_025_B2_H05	ZM_025_B2_H05_T7	
31600	ZM_025_B2_H05		ZM_025_B2_H05_MR
31601	ZM_025_B2_H06		ZM_025_B2_H06_MR
31602	ZM_025_B2_H07	ZM_025_B2_H07_T7	
31603	ZM_025_B2_H07		ZM_025_B2_H07_MR
31604	ZM_025_B2_H08	ZM_025_B2_H08_T7	
31605	ZM_025_B2_H08		ZM_025_B2_H08_MR
31606	ZM_025_B2_H10	ZM_025_B2_H10_T7	
31607	ZM_025_B2_H10		ZM_025_B2_H10_MR
31608	ZM_025_B2_H11	ZM_025_B2_H11_T7	
31609	ZM_025_B2_H11		ZM_025_B2_H11_MR
31610	ZM_025_B2_H12	ZM_025_B2_H12_T7	
31611	ZM_025_B2_H12		ZM_025_B2_H12_MR
31612	ZM_026_A1_A01	ZM_026_A1_A01_T7C	
31613	ZM_026_A1_A02	ZM_026_A1_A02_T7C	
31614	ZM_026_A1_A03	ZM_026_A1_A03_T7C	
31615	ZM_026_A1_A04	ZM_026_A1_A04_T7C	
31616	ZM_026_A1_A05	ZM_026_A1_A05_T7C	
31617	ZM_026_A1_A06	ZM_026_A1_A06_T7C	
31618	ZM_026_A1_A07	ZM_026_A1_A07_T7C	
31619	ZM_026_A1_A08	ZM_026_A1_A08_T7C	
31620	ZM_026_A1_A08		ZM_026_A1_A08_MR
31621	ZM_026_A1_A09	ZM_026_A1_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31622	ZM_026_A1_A10	ZM_026_A1_A10_T7C	
31623	ZM_026_A1_A11	ZM_026_A1_A11_T7C	
31624	ZM_026_A1_A12	ZM_026_A1_A12_T7C	
31625	ZM_026_A1_A12		ZM_026_A1_A12_MR
31626	ZM_026_A1_B01	ZM_026_A1_B01_T7C	
31627	ZM_026_A1_B01		ZM_026_A1_B01_MR
31628	ZM_026_A1_B02	ZM_026_A1_B02_T7C	
31629	ZM_026_A1_B02		ZM_026_A1_B02_MR
31630	ZM_026_A1_B03	ZM_026_A1_B03_T7C	
31631	ZM_026_A1_B04	ZM_026_A1_B04_T7C	
31632	ZM_026_A1_B04		ZM_026_A1_B04_MR
31633	ZM_026_A1_B05	ZM_026_A1_B05_T7C	
31634	ZM_026_A1_B06	ZM_026_A1_B06_T7C	
31635	ZM_026_A1_B07	ZM_026_A1_B07_T7C	
31636	ZM_026_A1_B07		ZM_026_A1_B07_MR
31637	ZM_026_A1_B08	ZM_026_A1_B08_T7C	
31638	ZM_026_A1_B09	ZM_026_A1_B09_T7C	
31639	ZM_026_A1_B10	ZM_026_A1_B10_T7C	
31640	ZM_026_A1_B10		ZM_026_A1_B10_MR
31641	ZM_026_A1_B11	ZM_026_A1_B11_T7C	
31642	ZM_026_A1_B12	ZM_026_A1_B12_T7C	
31643	ZM_026_A1_B12		ZM_026_A1_B12_MR
31644	ZM_026_A1_C01	ZM_026_A1_C01_T7C	
31645	ZM_026_A1_C01		ZM_026_A1_C01_MR
31646	ZM_026_A1_C02	ZM_026_A1_C02_T7C	
31647	ZM_026_A1_C02		ZM_026_A1_C02_MR
31648	ZM_026_A1_C03	ZM_026_A1_C03_T7C	
31649	ZM_026_A1_C04	ZM_026_A1_C04_T7C	
31650	ZM_026_A1_C04		ZM_026_A1_C04_MR
31651	ZM_026_A1_C06	ZM_026_A1_C06_T7C	
31652	ZM_026_A1_C07	ZM_026_A1_C07_T7C	
31653	ZM_026_A1_C07		ZM_026_A1_C07_MR
31654	ZM_026_A1_C08	ZM_026_A1_C08_T7C	
31655	ZM_026_A1_C08		ZM_026_A1_C08_MR
31656	ZM_026_A1_C10	ZM_026_A1_C10_T7C	
31657	ZM_026_A1_C11	ZM_026_A1_C11_T7C	
31658	ZM_026_A1_C11		ZM_026_A1_C11_MR
31659	ZM_026_A1_C12	ZM_026_A1_C12_T7C	
31660	ZM_026_A1_C12		ZM_026_A1_C12_MR
31661	ZM_026_A1_D01	ZM_026_A1_D01_T7C	
31662	ZM_026_A1_D02	ZM_026_A1_D02_T7C	
31663	ZM_026_A1_D03	ZM_026_A1_D03_T7C	
31664	ZM_026_A1_D04	ZM_026_A1_D04_T7C	
31665	ZM_026_A1_D05	ZM_026_A1_D05_T7C	
31666	ZM_026_A1_D06	ZM_026_A1_D06_T7C	
31667	ZM_026_A1_D07	ZM_026_A1_D07_T7C	
31668	ZM_026_A1_D08	ZM_026_A1_D08_T7C	
31669	ZM_026_A1_D09	ZM_026_A1_D09_T7C	
31670	ZM_026_A1_D10	ZM_026_A1_D10_T7C	
31671	ZM_026_A1_D11	ZM_026_A1_D11_T7C	
31672	ZM_026_A1_D12	ZM_026_A1_D12_T7C	
31673	ZM_026_A1_D12		ZM_026_A1_D12_MR
31674	ZM_026_A1_E01	ZM_026_A1_E01_T7C	
31675	ZM_026_A1_E02	ZM_026_A1_E02_T7C	
31676	ZM_026_A1_E02		ZM_026_A1_E02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31677	ZM_026_A1_E04	ZM_026_A1_E04_T7C	
31678	ZM_026_A1_E04		ZM_026_A1_E04_MR
31679	ZM_026_A1_E05	ZM_026_A1_E05_T7C	
31680	ZM_026_A1_E07	ZM_026_A1_E07_T7C	
31681	ZM_026_A1_E08	ZM_026_A1_E08_T7C	
31682	ZM_026_A1_E09	ZM_026_A1_E09_T7C	
31683	ZM_026_A1_E10	ZM_026_A1_E10_T7C	
31684	ZM_026_A1_E10		ZM_026_A1_E10_MR
31685	ZM_026_A1_E11	ZM_026_A1_E11_T7C	
31686	ZM_026_A1_F01	ZM_026_A1_F01_T7C	
31687	ZM_026_A1_F01		ZM_026_A1_F01_MR
31688	ZM_026_A1_F03	ZM_026_A1_F03_T7C	
31689	ZM_026_A1_F03		ZM_026_A1_F03_MR
31690	ZM_026_A1_F04	ZM_026_A1_F04_T7C	
31691	ZM_026_A1_F05	ZM_026_A1_F05_T7C	
31692	ZM_026_A1_F05		ZM_026_A1_F05_MR
31693	ZM_026_A1_F07	ZM_026_A1_F07_T7C	
31694	ZM_026_A1_F08	ZM_026_A1_F08_T7C	
31695	ZM_026_A1_F09	ZM_026_A1_F09_T7C	
31696	ZM_026_A1_F10	ZM_026_A1_F10_T7C	
31697	ZM_026_A1_F11	ZM_026_A1_F11_T7C	
31698	ZM_026_A1_F11		ZM_026_A1_F11_MR
31699	ZM_026_A1_F12	ZM_026_A1_F12_T7C	
31700	ZM_026_A1_G01	ZM_026_A1_G01_T7C	
31701	ZM_026_A1_G01		ZM_026_A1_G01_MR
31702	ZM_026_A1_G02	ZM_026_A1_G02_T7C	
31703	ZM_026_A1_G03	ZM_026_A1_G03_T7C	
31704	ZM_026_A1_G04	ZM_026_A1_G04_T7C	
31705	ZM_026_A1_G04		ZM_026_A1_G04_MR
31706	ZM_026_A1_G05	ZM_026_A1_G05_T7C	
31707	ZM_026_A1_G07	ZM_026_A1_G07_T7C	
31708	ZM_026_A1_G07		ZM_026_A1_G07_MR
31709	ZM_026_A1_G08	ZM_026_A1_G08_T7C	
31710	ZM_026_A1_G09	ZM_026_A1_G09_T7C	
31711	ZM_026_A1_G10	ZM_026_A1_G10_T7C	
31712	ZM_026_A1_G11	ZM_026_A1_G11_T7C	
31713	ZM_026_A1_G12	ZM_026_A1_G12_T7C	
31714	ZM_026_A1_G12		ZM_026_A1_G12_MR
31715	ZM_026_A1_H01	ZM_026_A1_H01_T7C	
31716	ZM_026_A1_H01		ZM_026_A1_H01_MR
31717	ZM_026_A1_H02	ZM_026_A1_H02_T7C	
31718	ZM_026_A1_H02		ZM_026_A1_H02_MR
31719	ZM_026_A1_H03	ZM_026_A1_H03_T7C	
31720	ZM_026_A1_H05	ZM_026_A1_H05_T7C	
31721	ZM_026_A1_H07	ZM_026_A1_H07_T7C	
31722	ZM_026_A1_H08	ZM_026_A1_H08_T7C	
31723	ZM_026_A1_H09	ZM_026_A1_H09_T7C	
31724	ZM_026_A1_H10	ZM_026_A1_H10_T7C	
31725	ZM_026_A1_H11	ZM_026_A1_H11_T7C	
31726	ZM_026_A1_H12	ZM_026_A1_H12_T7C	
31727	ZM_026_A2_A02	ZM_026_A2_A02_T7C	
31728	ZM_026_A2_A05	ZM_026_A2_A05_T7C	
31729	ZM_026_A2_A07	ZM_026_A2_A07_T7C	
31730	ZM_026_A2_A10	ZM_026_A2_A10_T7C	
31731	ZM_026_A2_A11	ZM_026_A2_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31732	ZM_026_A2_A12	ZM_026_A2_A12_T7C	
31733	ZM_026_A2_B04	ZM_026_A2_B04_T7C	
31734	ZM_026_A2_B10	ZM_026_A2_B10_T7C	
31735	ZM_026_A2_C02	ZM_026_A2_C02_T7C	
31736	ZM_026_A2_C03	ZM_026_A2_C03_T7C	
31737	ZM_026_A2_C10	ZM_026_A2_C10_T7C	
31738	ZM_026_A2_D03	ZM_026_A2_D03_T7C	
31739	ZM_026_A2_D08	ZM_026_A2_D08_T7C	
31740	ZM_026_A2_D09	ZM_026_A2_D09_T7C	
31741	ZM_026_A2_D10	ZM_026_A2_D10_T7C	
31742	ZM_026_A2_E01	ZM_026_A2_E01_T7C	
31743	ZM_026_A2_E02	ZM_026_A2_E02_T7C	
31744	ZM_026_A2_E05	ZM_026_A2_E05_T7C	
31745	ZM_026_A2_E10	ZM_026_A2_E10_T7C	
31746	ZM_026_A2_E12	ZM_026_A2_E12_T7C	
31747	ZM_026_A2_F01	ZM_026_A2_F01_T7C	
31748	ZM_026_A2_F02	ZM_026_A2_F02_T7C	
31749	ZM_026_A2_F04	ZM_026_A2_F04_T7C	
31750	ZM_026_A2_F05	ZM_026_A2_F05_T7C	
31751	ZM_026_A2_F08	ZM_026_A2_F08_T7C	
31752	ZM_026_A2_F09	ZM_026_A2_F09_T7C	
31753	ZM_026_A2_F10	ZM_026_A2_F10_T7C	
31754	ZM_026_A2_F11	ZM_026_A2_F11_T7C	
31755	ZM_026_A2_F12	ZM_026_A2_F12_T7C	
31756	ZM_026_A2_G05	ZM_026_A2_G05_T7C	
31757	ZM_026_A2_G06	ZM_026_A2_G06_T7C	
31758	ZM_026_A2_G07	ZM_026_A2_G07_T7C	
31759	ZM_026_A2_G08	ZM_026_A2_G08_T7C	
31760	ZM_026_A2_G09	ZM_026_A2_G09_T7C	
31761	ZM_026_A2_G10	ZM_026_A2_G10_T7C	
31762	ZM_026_A2_H02	ZM_026_A2_H02_T7C	
31763	ZM_026_A2_H03	ZM_026_A2_H03_T7C	
31764	ZM_026_A2_H04	ZM_026_A2_H04_T7C	
31765	ZM_026_A2_H06	ZM_026_A2_H06_T7C	
31766	ZM_026_A2_H07	ZM_026_A2_H07_T7C	
31767	ZM_026_A2_H08	ZM_026_A2_H08_T7C	
31768	ZM_026_A2_H09	ZM_026_A2_H09_T7C	
31769	ZM_026_A2_H10	ZM_026_A2_H10_T7C	
31770	ZM_026_A2_H12	ZM_026_A2_H12_T7C	
31771	ZM_026_B1_A01	ZM_026_B1_A01_T7	
31772	ZM_026_B1_A02	ZM_026_B1_A02_T7	
31773	ZM_026_B1_A03	ZM_026_B1_A03_T7	
31774	ZM_026_B1_A04	ZM_026_B1_A04_T7	
31775	ZM_026_B1_A06	ZM_026_B1_A06_T7	
31776	ZM_026_B1_A07	ZM_026_B1_A07_T7	
31777	ZM_026_B1_A08	ZM_026_B1_A08_T7	
31778	ZM_026_B1_A09	ZM_026_B1_A09_T7	
31779	ZM_026_B1_A10	ZM_026_B1_A10_T7	
31780	ZM_026_B1_A11	ZM_026_B1_A11_T7	
31781	ZM_026_B1_A12	ZM_026_B1_A12_T7	
31782	ZM_026_B1_B01	ZM_026_B1_B01_T7	
31783	ZM_026_B1_B02	ZM_026_B1_B02_T7	
31784	ZM_026_B1_B03	ZM_026_B1_B03_T7	
31785	ZM_026_B1_B04	ZM_026_B1_B04_T7	
31786	ZM_026_B1_B05	ZM_026_B1_B05_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31787	ZM_026_B1_B06	ZM_026_B1_B06_T7	
31788	ZM_026_B1_B07	ZM_026_B1_B07_T7	
31789	ZM_026_B1_B08	ZM_026_B1_B08_T7	
31790	ZM_026_B1_B09	ZM_026_B1_B09_T7	
31791	ZM_026_B1_B10	ZM_026_B1_B10_T7	
31792	ZM_026_B1_B11	ZM_026_B1_B11_T7	
31793	ZM_026_B1_B12	ZM_026_B1_B12_T7	
31794	ZM_026_B1_C01	ZM_026_B1_C01_T7	
31795	ZM_026_B1_C02	ZM_026_B1_C02_T7	
31796	ZM_026_B1_C03	ZM_026_B1_C03_T7	
31797	ZM_026_B1_C04	ZM_026_B1_C04_T7	
31798	ZM_026_B1_C05	ZM_026_B1_C05_T7	
31799	ZM_026_B1_C06	ZM_026_B1_C06_T7	
31800	ZM_026_B1_C07	ZM_026_B1_C07_T7	
31801	ZM_026_B1_C08	ZM_026_B1_C08_T7	
31802	ZM_026_B1_C09	ZM_026_B1_C09_T7	
31803	ZM_026_B1_C10	ZM_026_B1_C10_T7	
31804	ZM_026_B1_C11	ZM_026_B1_C11_T7	
31805	ZM_026_B1_C12	ZM_026_B1_C12_T7	
31806	ZM_026_B1_D01	ZM_026_B1_D01_T7	
31807	ZM_026_B1_D02	ZM_026_B1_D02_T7	
31808	ZM_026_B1_D03	ZM_026_B1_D03_T7	
31809	ZM_026_B1_D05	ZM_026_B1_D05_T7	
31810	ZM_026_B1_D07	ZM_026_B1_D07_T7	
31811	ZM_026_B1_D08	ZM_026_B1_D08_T7	
31812	ZM_026_B1_D09	ZM_026_B1_D09_T7	
31813	ZM_026_B1_D10	ZM_026_B1_D10_T7	
31814	ZM_026_B1_D12	ZM_026_B1_D12_T7	
31815	ZM_026_B1_E01	ZM_026_B1_E01_T7	
31816	ZM_026_B1_E02	ZM_026_B1_E02_T7	
31817	ZM_026_B1_E03	ZM_026_B1_E03_T7	
31818	ZM_026_B1_E04	ZM_026_B1_E04_T7	
31819	ZM_026_B1_E05	ZM_026_B1_E05_T7	
31820	ZM_026_B1_E06	ZM_026_B1_E06_T7	
31821	ZM_026_B1_E07	ZM_026_B1_E07_T7	
31822	ZM_026_B1_E08	ZM_026_B1_E08_T7	
31823	ZM_026_B1_E09	ZM_026_B1_E09_T7	
31824	ZM_026_B1_E10	ZM_026_B1_E10_T7	
31825	ZM_026_B1_E12	ZM_026_B1_E12_T7	
31826	ZM_026_B1_F02	ZM_026_B1_F02_T7	
31827	ZM_026_B1_F03	ZM_026_B1_F03_T7	
31828	ZM_026_B1_F05	ZM_026_B1_F05_T7	
31829	ZM_026_B1_F06	ZM_026_B1_F06_T7	
31830	ZM_026_B1_F07	ZM_026_B1_F07_T7	
31831	ZM_026_B1_F08	ZM_026_B1_F08_T7	
31832	ZM_026_B1_F10	ZM_026_B1_F10_T7	
31833	ZM_026_B1_F11	ZM_026_B1_F11_T7	
31834	ZM_026_B1_F12	ZM_026_B1_F12_T7	
31835	ZM_026_B1_G01	ZM_026_B1_G01_T7	
31836	ZM_026_B1_G01		ZM_026_B1_G01_MR
31837	ZM_026_B1_G02	ZM_026_B1_G02_T7	
31838	ZM_026_B1_G03	ZM_026_B1_G03_T7	
31839	ZM_026_B1_G04	ZM_026_B1_G04_T7	
31840	ZM_026_B1_G06	ZM_026_B1_G06_T7	
31841	ZM_026_B1_G07	ZM_026_B1_G07_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31842	ZM_026_B1_G09	ZM_026_B1_G09_T7	
31843	ZM_026_B1_G10	ZM_026_B1_G10_T7	
31844	ZM_026_B1_G11	ZM_026_B1_G11_T7	
31845	ZM_026_B1_G12	ZM_026_B1_G12_T7	
31846	ZM_026_B1_H01	ZM_026_B1_H01_T7	
31847	ZM_026_B1_H02	ZM_026_B1_H02_T7	
31848	ZM_026_B1_H03	ZM_026_B1_H03_T7	
31849	ZM_026_B1_H04	ZM_026_B1_H04_T7	
31850	ZM_026_B1_H05	ZM_026_B1_H05_T7	
31851	ZM_026_B1_H06	ZM_026_B1_H06_T7	
31852	ZM_026_B1_H07	ZM_026_B1_H07_T7	
31853	ZM_026_B1_H08	ZM_026_B1_H08_T7	
31854	ZM_026_B1_H09	ZM_026_B1_H09_T7	
31855	ZM_026_B1_H10	ZM_026_B1_H10_T7	
31856	ZM_026_B1_H11	ZM_026_B1_H11_T7	
31857	ZM_026_B1_H12	ZM_026_B1_H12_T7	
31858	ZM_026_B2_A02	ZM_026_B2_A02_T7	
31859	ZM_026_B2_A02		ZM_026_B2_A02_MR
31860	ZM_026_B2_A03	ZM_026_B2_A03_T7	
31861	ZM_026_B2_A03		ZM_026_B2_A03_MR
31862	ZM_026_B2_A04	ZM_026_B2_A04_T7	
31863	ZM_026_B2_A04		ZM_026_B2_A04_MR
31864	ZM_026_B2_A05	ZM_026_B2_A05_T7	
31865	ZM_026_B2_A05		ZM_026_B2_A05_MR
31866	ZM_026_B2_A06	ZM_026_B2_A06_T7	
31867	ZM_026_B2_A06		ZM_026_B2_A06_MR
31868	ZM_026_B2_A07	ZM_026_B2_A07_T7	
31869	ZM_026_B2_A07		ZM_026_B2_A07_MR
31870	ZM_026_B2_A08	ZM_026_B2_A08_T7	
31871	ZM_026_B2_A08		ZM_026_B2_A08_MR
31872	ZM_026_B2_A09	ZM_026_B2_A09_T7	
31873	ZM_026_B2_A09		ZM_026_B2_A09_MR
31874	ZM_026_B2_A10	ZM_026_B2_A10_T7	
31875	ZM_026_B2_A10		ZM_026_B2_A10_MR
31876	ZM_026_B2_A11	ZM_026_B2_A11_T7	
31877	ZM_026_B2_A11		ZM_026_B2_A11_MR
31878	ZM_026_B2_A12	ZM_026_B2_A12_T7	
31879	ZM_026_B2_A12		ZM_026_B2_A12_MR
31880	ZM_026_B2_B01	ZM_026_B2_B01_T7	
31881	ZM_026_B2_B01		ZM_026_B2_B01_MR
31882	ZM_026_B2_B02	ZM_026_B2_B02_T7	
31883	ZM_026_B2_B02		ZM_026_B2_B02_MR
31884	ZM_026_B2_B03	ZM_026_B2_B03_T7	
31885	ZM_026_B2_B03		ZM_026_B2_B03_MR
31886	ZM_026_B2_B04	ZM_026_B2_B04_T7	
31887	ZM_026_B2_B04		ZM_026_B2_B04_MR
31888	ZM_026_B2_B05	ZM_026_B2_B05_T7	
31889	ZM_026_B2_B05		ZM_026_B2_B05_MR
31890	ZM_026_B2_B06	ZM_026_B2_B06_T7	
31891	ZM_026_B2_B06		ZM_026_B2_B06_MR
31892	ZM_026_B2_B07	ZM_026_B2_B07_T7	
31893	ZM_026_B2_B08	ZM_026_B2_B08_T7	
31894	ZM_026_B2_B08		ZM_026_B2_B08_MR
31895	ZM_026_B2_B09		ZM_026_B2_B09_MR
31896	ZM_026_B2_B10	ZM_026_B2_B10_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31897	ZM_026_B2_B10		ZM_026_B2_B10_MR
31898	ZM_026_B2_B11	ZM_026_B2_B11_T7	
31899	ZM_026_B2_B11		ZM_026_B2_B11_MR
31900	ZM_026_B2_C01		ZM_026_B2_C01_MR
31901	ZM_026_B2_C02	ZM_026_B2_C02_T7	
31902	ZM_026_B2_C02		ZM_026_B2_C02_MR
31903	ZM_026_B2_C03	ZM_026_B2_C03_T7	
31904	ZM_026_B2_C03		ZM_026_B2_C03_MR
31905	ZM_026_B2_C04	ZM_026_B2_C04_T7	
31906	ZM_026_B2_C04		ZM_026_B2_C04_MR
31907	ZM_026_B2_C05	ZM_026_B2_C05_T7	
31908	ZM_026_B2_C05		ZM_026_B2_C05_MR
31909	ZM_026_B2_C06	ZM_026_B2_C06_T7	
31910	ZM_026_B2_C06		ZM_026_B2_C06_MR
31911	ZM_026_B2_C07	ZM_026_B2_C07_T7	
31912	ZM_026_B2_C07		ZM_026_B2_C07_MR
31913	ZM_026_B2_C08	ZM_026_B2_C08_T7	
31914	ZM_026_B2_C09	ZM_026_B2_C09_T7	
31915	ZM_026_B2_C09		ZM_026_B2_C09_MR
31916	ZM_026_B2_C10	ZM_026_B2_C10_T7	
31917	ZM_026_B2_C10		ZM_026_B2_C10_MR
31918	ZM_026_B2_C11	ZM_026_B2_C11_T7	
31919	ZM_026_B2_C11		ZM_026_B2_C11_MR
31920	ZM_026_B2_C12	ZM_026_B2_C12_T7	
31921	ZM_026_B2_C12		ZM_026_B2_C12_MR
31922	ZM_026_B2_D01	ZM_026_B2_D01_T7	
31923	ZM_026_B2_D01		ZM_026_B2_D01_MR
31924	ZM_026_B2_D02	ZM_026_B2_D02_T7	
31925	ZM_026_B2_D02		ZM_026_B2_D02_MR
31926	ZM_026_B2_D03	ZM_026_B2_D03_T7	
31927	ZM_026_B2_D03		ZM_026_B2_D03_MR
31928	ZM_026_B2_D04	ZM_026_B2_D04_T7	
31929	ZM_026_B2_D04		ZM_026_B2_D04_MR
31930	ZM_026_B2_D05	ZM_026_B2_D05_T7	
31931	ZM_026_B2_D05		ZM_026_B2_D05_MR
31932	ZM_026_B2_D06	ZM_026_B2_D06_T7	
31933	ZM_026_B2_D06		ZM_026_B2_D06_MR
31934	ZM_026_B2_D07	ZM_026_B2_D07_T7	
31935	ZM_026_B2_D07		ZM_026_B2_D07_MR
31936	ZM_026_B2_D08	ZM_026_B2_D08_T7	
31937	ZM_026_B2_D08		ZM_026_B2_D08_MR
31938	ZM_026_B2_D09	ZM_026_B2_D09_T7	
31939	ZM_026_B2_D09		ZM_026_B2_D09_MR
31940	ZM_026_B2_D10	ZM_026_B2_D10_T7	
31941	ZM_026_B2_D10		ZM_026_B2_D10_MR
31942	ZM_026_B2_D11		ZM_026_B2_D11_MR
31943	ZM_026_B2_D12	ZM_026_B2_D12_T7	
31944	ZM_026_B2_D12		ZM_026_B2_D12_MR
31945	ZM_026_B2_E01	ZM_026_B2_E01_T7	
31946	ZM_026_B2_E01		ZM_026_B2_E01_MR
31947	ZM_026_B2_E02	ZM_026_B2_E02_T7	
31948	ZM_026_B2_E02		ZM_026_B2_E02_MR
31949	ZM_026_B2_E03	ZM_026_B2_E03_T7	
31950	ZM_026_B2_E04		ZM_026_B2_E04_MR
31951	ZM_026_B2_E05	ZM_026_B2_E05_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
31952	ZM_026_B2_E05		ZM_026_B2_E05_MR
31953	ZM_026_B2_E06	ZM_026_B2_E06_T7	
31954	ZM_026_B2_E06		ZM_026_B2_E06_MR
31955	ZM_026_B2_E08	ZM_026_B2_E08_T7	
31956	ZM_026_B2_E08		ZM_026_B2_E08_MR
31957	ZM_026_B2_E09	ZM_026_B2_E09_T7	
31958	ZM_026_B2_E09		ZM_026_B2_E09_MR
31959	ZM_026_B2_E10	ZM_026_B2_E10_T7	
31960	ZM_026_B2_E12	ZM_026_B2_E12_T7	
31961	ZM_026_B2_E12		ZM_026_B2_E12_MR
31962	ZM_026_B2_F01	ZM_026_B2_F01_T7	
31963	ZM_026_B2_F01		ZM_026_B2_F01_MR
31964	ZM_026_B2_F02	ZM_026_B2_F02_T7	
31965	ZM_026_B2_F02		ZM_026_B2_F02_MR
31966	ZM_026_B2_F04	ZM_026_B2_F04_T7	
31967	ZM_026_B2_F04		ZM_026_B2_F04_MR
31968	ZM_026_B2_F05	ZM_026_B2_F05_T7	
31969	ZM_026_B2_F05		ZM_026_B2_F05_MR
31970	ZM_026_B2_F06	ZM_026_B2_F06_T7	
31971	ZM_026_B2_F06		ZM_026_B2_F06_MR
31972	ZM_026_B2_F07	ZM_026_B2_F07_T7	
31973	ZM_026_B2_F07		ZM_026_B2_F07_MR
31974	ZM_026_B2_F08	ZM_026_B2_F08_T7	
31975	ZM_026_B2_F08		ZM_026_B2_F08_MR
31976	ZM_026_B2_F09	ZM_026_B2_F09_T7	
31977	ZM_026_B2_F09		ZM_026_B2_F09_MR
31978	ZM_026_B2_F10	ZM_026_B2_F10_T7	
31979	ZM_026_B2_F10		ZM_026_B2_F10_MR
31980	ZM_026_B2_F11	ZM_026_B2_F11_T7	
31981	ZM_026_B2_F11		ZM_026_B2_F11_MR
31982	ZM_026_B2_F12	ZM_026_B2_F12_T7	
31983	ZM_026_B2_F12		ZM_026_B2_F12_MR
31984	ZM_026_B2_G01	ZM_026_B2_G01_T7	
31985	ZM_026_B2_G01		ZM_026_B2_G01_MR
31986	ZM_026_B2_G02	ZM_026_B2_G02_T7	
31987	ZM_026_B2_G02		ZM_026_B2_G02_MR
31988	ZM_026_B2_G03	ZM_026_B2_G03_T7	
31989	ZM_026_B2_G03		ZM_026_B2_G03_MR
31990	ZM_026_B2_G04	ZM_026_B2_G04_T7	
31991	ZM_026_B2_G04		ZM_026_B2_G04_MR
31992	ZM_026_B2_G05	ZM_026_B2_G05_T7	
31993	ZM_026_B2_G05		ZM_026_B2_G05_MR
31994	ZM_026_B2_G06	ZM_026_B2_G06_T7	
31995	ZM_026_B2_G06		ZM_026_B2_G06_MR
31996	ZM_026_B2_G07	ZM_026_B2_G07_T7	
31997	ZM_026_B2_G08	ZM_026_B2_G08_T7	
31998	ZM_026_B2_G08		ZM_026_B2_G08_MR
31999	ZM_026_B2_G09	ZM_026_B2_G09_T7	
32000	ZM_026_B2_G09		ZM_026_B2_G09_MR
32001	ZM_026_B2_G10		ZM_026_B2_G10_MR
32002	ZM_026_B2_G11	ZM_026_B2_G11_T7	
32003	ZM_026_B2_G11		ZM_026_B2_G11_MR
32004	ZM_026_B2_G12		ZM_026_B2_G12_MR
32005	ZM_026_B2_H01	ZM_026_B2_H01_T7	
32006	ZM_026_B2_H01		ZM_026_B2_H01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32007	ZM_026_B2_H02	ZM_026_B2_H02_T7	
32008	ZM_026_B2_H02		ZM_026_B2_H02_MR
32009	ZM_026_B2_H03	ZM_026_B2_H03_T7	
32010	ZM_026_B2_H03		ZM_026_B2_H03_MR
32011	ZM_026_B2_H04	ZM_026_B2_H04_T7	
32012	ZM_026_B2_H04		ZM_026_B2_H04_MR
32013	ZM_026_B2_H05	ZM_026_B2_H05_T7	
32014	ZM_026_B2_H05		ZM_026_B2_H05_MR
32015	ZM_026_B2_H06	ZM_026_B2_H06_T7	
32016	ZM_026_B2_H06		ZM_026_B2_H06_MR
32017	ZM_026_B2_H07	ZM_026_B2_H07_T7	
32018	ZM_026_B2_H07		ZM_026_B2_H07_MR
32019	ZM_026_B2_H08		ZM_026_B2_H08_MR
32020	ZM_026_B2_H09	ZM_026_B2_H09_T7	
32021	ZM_026_B2_H10	ZM_026_B2_H10_T7	
32022	ZM_026_B2_H10		ZM_026_B2_H10_MR
32023	ZM_026_B2_H11	ZM_026_B2_H11_T7	
32024	ZM_026_B2_H11		ZM_026_B2_H11_MR
32025	ZM_026_B2_H12	ZM_026_B2_H12_T7	
32026	ZM_026_B2_H12		ZM_026_B2_H12_MR
32027	ZM_027_A1_A01	ZM_027_A1_A01_T7	
32028	ZM_027_A1_B09	ZM_027_A1_B09_T7	
32029	ZM_027_A1_C02	ZM_027_A1_C02_T7	
32030	ZM_027_A1_C06	ZM_027_A1_C06_T7	
32031	ZM_027_A1_D02	ZM_027_A1_D02_T7	
32032	ZM_027_A1_E01	ZM_027_A1_E01_T7	
32033	ZM_027_A1_E02	ZM_027_A1_E02_T7	
32034	ZM_027_A1_F01	ZM_027_A1_F01_T7	
32035	ZM_027_A1_F02	ZM_027_A1_F02_T7	
32036	ZM_027_A1_F06	ZM_027_A1_F06_T7	
32037	ZM_027_A1_G01	ZM_027_A1_G01_T7	
32038	ZM_027_A1_G02	ZM_027_A1_G02_T7	
32039	ZM_027_A1_H01	ZM_027_A1_H01_T7	
32040	ZM_027_A1_H08	ZM_027_A1_H08_T7	
32041	ZM_027_A2_A03	ZM_027_A2_A03_T7C	
32042	ZM_027_A2_A04	ZM_027_A2_A04_T7C	
32043	ZM_027_A2_A06	ZM_027_A2_A06_T7C	
32044	ZM_027_A2_A07	ZM_027_A2_A07_T7C	
32045	ZM_027_A2_A09		ZM_027_A2_A09_MR
32046	ZM_027_A2_A10	ZM_027_A2_A10_T7C	
32047	ZM_027_A2_A11	ZM_027_A2_A11_T7C	
32048	ZM_027_A2_A11		ZM_027_A2_A11_MR
32049	ZM_027_A2_A12	ZM_027_A2_A12_T7C	
32050	ZM_027_A2_A12		ZM_027_A2_A12_MR
32051	ZM_027_A2_B01	ZM_027_A2_B01_T7C	
32052	ZM_027_A2_B03	ZM_027_A2_B03_T7C	
32053	ZM_027_A2_B05	ZM_027_A2_B05_T7C	
32054	ZM_027_A2_B06	ZM_027_A2_B06_T7C	
32055	ZM_027_A2_B07	ZM_027_A2_B07_T7C	
32056	ZM_027_A2_B07		ZM_027_A2_B07_MR
32057	ZM_027_A2_B08		ZM_027_A2_B08_MR
32058	ZM_027_A2_B09	ZM_027_A2_B09_T7C	
32059	ZM_027_A2_B09		ZM_027_A2_B09_MR
32060	ZM_027_A2_B10		ZM_027_A2_B10_MR
32061	ZM_027_A2_B11	ZM_027_A2_B11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32062	ZM_027_A2_B12	ZM_027_A2_B12_T7C	
32063	ZM_027_A2_B12		ZM_027_A2_B12_MR
32064	ZM_027_A2_C01	ZM_027_A2_C01_T7C	
32065	ZM_027_A2_C02	ZM_027_A2_C02_T7C	
32066	ZM_027_A2_C02		ZM_027_A2_C02_MR
32067	ZM_027_A2_C03		ZM_027_A2_C03_MR
32068	ZM_027_A2_C04		ZM_027_A2_C04_MR
32069	ZM_027_A2_C05	ZM_027_A2_C05_T7C	
32070	ZM_027_A2_C06	ZM_027_A2_C06_T7C	
32071	ZM_027_A2_C07	ZM_027_A2_C07_T7C	
32072	ZM_027_A2_C08		ZM_027_A2_C08_MR
32073	ZM_027_A2_C09	ZM_027_A2_C09_T7C	
32074	ZM_027_A2_C09		ZM_027_A2_C09_MR
32075	ZM_027_A2_C10	ZM_027_A2_C10_T7C	
32076	ZM_027_A2_C12	ZM_027_A2_C12_T7C	
32077	ZM_027_A2_C12		ZM_027_A2_C12_MR
32078	ZM_027_A2_D01	ZM_027_A2_D01_T7C	
32079	ZM_027_A2_D01		ZM_027_A2_D01_MR
32080	ZM_027_A2_D02	ZM_027_A2_D02_T7C	
32081	ZM_027_A2_D03		ZM_027_A2_D03_MR
32082	ZM_027_A2_D06	ZM_027_A2_D06_T7C	
32083	ZM_027_A2_D07	ZM_027_A2_D07_T7C	
32084	ZM_027_A2_D07		ZM_027_A2_D07_MR
32085	ZM_027_A2_D09	ZM_027_A2_D09_T7C	
32086	ZM_027_A2_D09		ZM_027_A2_D09_MR
32087	ZM_027_A2_D10	ZM_027_A2_D10_T7C	
32088	ZM_027_A2_D10		ZM_027_A2_D10_MR
32089	ZM_027_A2_D11	ZM_027_A2_D11_T7C	
32090	ZM_027_A2_D11		ZM_027_A2_D11_MR
32091	ZM_027_A2_D12	ZM_027_A2_D12_T7C	
32092	ZM_027_A2_D12		ZM_027_A2_D12_MR
32093	ZM_027_A2_E01	ZM_027_A2_E01_T7C	
32094	ZM_027_A2_E03	ZM_027_A2_E03_T7C	
32095	ZM_027_A2_E04	ZM_027_A2_E04_T7C	
32096	ZM_027_A2_E06	ZM_027_A2_E06_T7C	
32097	ZM_027_A2_E10	ZM_027_A2_E10_T7C	
32098	ZM_027_A2_E10		ZM_027_A2_E10_MR
32099	ZM_027_A2_E11		ZM_027_A2_E11_MR
32100	ZM_027_A2_F02	ZM_027_A2_F02_T7C	
32101	ZM_027_A2_F03	ZM_027_A2_F03_T7C	
32102	ZM_027_A2_F04	ZM_027_A2_F04_T7C	
32103	ZM_027_A2_F07	ZM_027_A2_F07_T7C	
32104	ZM_027_A2_F07		ZM_027_A2_F07_MR
32105	ZM_027_A2_F09	ZM_027_A2_F09_T7C	
32106	ZM_027_A2_F10	ZM_027_A2_F10_T7C	
32107	ZM_027_A2_F11		ZM_027_A2_F11_MR
32108	ZM_027_A2_F12	ZM_027_A2_F12_T7C	
32109	ZM_027_A2_G01	ZM_027_A2_G01_T7C	
32110	ZM_027_A2_G01		ZM_027_A2_G01_MR
32111	ZM_027_A2_G09	ZM_027_A2_G09_T7C	
32112	ZM_027_A2_G09		ZM_027_A2_G09_MR
32113	ZM_027_A2_G10		ZM_027_A2_G10_MR
32114	ZM_027_A2_G11		ZM_027_A2_G11_MR
32115	ZM_027_A2_G12	ZM_027_A2_G12_T7C	
32116	ZM_027_A2_G12		ZM_027_A2_G12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32117	ZM_027_A2_H01	ZM_027_A2_H01_T7C	
32118	ZM_027_A2_H03	ZM_027_A2_H03_T7C	
32119	ZM_027_A2_H05	ZM_027_A2_H05_T7C	
32120	ZM_027_A2_H06		ZM_027_A2_H06_MR
32121	ZM_027_A2_H08	ZM_027_A2_H08_T7C	
32122	ZM_027_A2_H09	ZM_027_A2_H09_T7C	
32123	ZM_027_A2_H11		ZM_027_A2_H11_MR
32124	ZM_027_A2_H12	ZM_027_A2_H12_T7C	
32125	ZM_027_A2_H12		ZM_027_A2_H12_MR
32126	ZM_027_B1_A01	ZM_027_B1_A01_T7	
32127	ZM_027_B1_A02	ZM_027_B1_A02_T7	
32128	ZM_027_B1_A04	ZM_027_B1_A04_T7	
32129	ZM_027_B1_A05	ZM_027_B1_A05_T7	
32130	ZM_027_B1_A06	ZM_027_B1_A06_T7	
32131	ZM_027_B1_A07	ZM_027_B1_A07_T7	
32132	ZM_027_B1_A08	ZM_027_B1_A08_T7	
32133	ZM_027_B1_A09	ZM_027_B1_A09_T7	
32134	ZM_027_B1_A10	ZM_027_B1_A10_T7	
32135	ZM_027_B1_A10		ZM_027_B1_A10_MR
32136	ZM_027_B1_A11	ZM_027_B1_A11_T7	
32137	ZM_027_B1_A12	ZM_027_B1_A12_T7	
32138	ZM_027_B1_B01	ZM_027_B1_B01_T7	
32139	ZM_027_B1_B02	ZM_027_B1_B02_T7	
32140	ZM_027_B1_B03	ZM_027_B1_B03_T7	
32141	ZM_027_B1_B04	ZM_027_B1_B04_T7	
32142	ZM_027_B1_B05	ZM_027_B1_B05_T7	
32143	ZM_027_B1_B06	ZM_027_B1_B06_T7	
32144	ZM_027_B1_B07	ZM_027_B1_B07_T7	
32145	ZM_027_B1_B08	ZM_027_B1_B08_T7	
32146	ZM_027_B1_B09	ZM_027_B1_B09_T7	
32147	ZM_027_B1_B11	ZM_027_B1_B11_T7	
32148	ZM_027_B1_B12	ZM_027_B1_B12_T7	
32149	ZM_027_B1_B12		ZM_027_B1_B12_MR
32150	ZM_027_B1_C01	ZM_027_B1_C01_T7	
32151	ZM_027_B1_C02	ZM_027_B1_C02_T7	
32152	ZM_027_B1_C03	ZM_027_B1_C03_T7	
32153	ZM_027_B1_C04	ZM_027_B1_C04_T7	
32154	ZM_027_B1_C05	ZM_027_B1_C05_T7	
32155	ZM_027_B1_C06	ZM_027_B1_C06_T7	
32156	ZM_027_B1_C07	ZM_027_B1_C07_T7	
32157	ZM_027_B1_C08	ZM_027_B1_C08_T7	
32158	ZM_027_B1_C09	ZM_027_B1_C09_T7	
32159	ZM_027_B1_C10	ZM_027_B1_C10_T7	
32160	ZM_027_B1_C10		ZM_027_B1_C10_MR
32161	ZM_027_B1_C11	ZM_027_B1_C11_T7	
32162	ZM_027_B1_C12	ZM_027_B1_C12_T7	
32163	ZM_027_B1_D01	ZM_027_B1_D01_T7	
32164	ZM_027_B1_D02	ZM_027_B1_D02_T7	
32165	ZM_027_B1_D03	ZM_027_B1_D03_T7	
32166	ZM_027_B1_D04	ZM_027_B1_D04_T7	
32167	ZM_027_B1_D05	ZM_027_B1_D05_T7	
32168	ZM_027_B1_D08	ZM_027_B1_D08_T7	
32169	ZM_027_B1_D09	ZM_027_B1_D09_T7	
32170	ZM_027_B1_D10	ZM_027_B1_D10_T7	
32171	ZM_027_B1_D10		ZM_027_B1_D10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32172	ZM_027_B1_D11	ZM_027_B1_D11_T7	
32173	ZM_027_B1_D12	ZM_027_B1_D12_T7	
32174	ZM_027_B1_E01	ZM_027_B1_E01_T7	
32175	ZM_027_B1_E03	ZM_027_B1_E03_T7	
32176	ZM_027_B1_E04	ZM_027_B1_E04_T7	
32177	ZM_027_B1_E05	ZM_027_B1_E05_T7	
32178	ZM_027_B1_E06	ZM_027_B1_E06_T7	
32179	ZM_027_B1_E08	ZM_027_B1_E08_T7	
32180	ZM_027_B1_E08		ZM_027_B1_E08_MR
32181	ZM_027_B1_E09	ZM_027_B1_E09_T7	
32182	ZM_027_B1_E10	ZM_027_B1_E10_T7	
32183	ZM_027_B1_E11	ZM_027_B1_E11_T7	
32184	ZM_027_B1_E12	ZM_027_B1_E12_T7	
32185	ZM_027_B1_F01	ZM_027_B1_F01_T7	
32186	ZM_027_B1_F02	ZM_027_B1_F02_T7	
32187	ZM_027_B1_F03	ZM_027_B1_F03_T7	
32188	ZM_027_B1_F04	ZM_027_B1_F04_T7	
32189	ZM_027_B1_F05	ZM_027_B1_F05_T7	
32190	ZM_027_B1_F06	ZM_027_B1_F06_T7	
32191	ZM_027_B1_F07	ZM_027_B1_F07_T7	
32192	ZM_027_B1_F08	ZM_027_B1_F08_T7	
32193	ZM_027_B1_F09	ZM_027_B1_F09_T7	
32194	ZM_027_B1_F09		ZM_027_B1_F09_MR
32195	ZM_027_B1_F10	ZM_027_B1_F10_T7	
32196	ZM_027_B1_F11	ZM_027_B1_F11_T7	
32197	ZM_027_B1_F11		ZM_027_B1_F11_MR
32198	ZM_027_B1_G01	ZM_027_B1_G01_T7	
32199	ZM_027_B1_G02	ZM_027_B1_G02_T7	
32200	ZM_027_B1_G03	ZM_027_B1_G03_T7	
32201	ZM_027_B1_G05	ZM_027_B1_G05_T7	
32202	ZM_027_B1_G06	ZM_027_B1_G06_T7	
32203	ZM_027_B1_G07	ZM_027_B1_G07_T7	
32204	ZM_027_B1_G08	ZM_027_B1_G08_T7	
32205	ZM_027_B1_G09	ZM_027_B1_G09_T7	
32206	ZM_027_B1_G11	ZM_027_B1_G11_T7	
32207	ZM_027_B1_G12	ZM_027_B1_G12_T7	
32208	ZM_027_B1_H01	ZM_027_B1_H01_T7	
32209	ZM_027_B1_H02	ZM_027_B1_H02_T7	
32210	ZM_027_B1_H03	ZM_027_B1_H03_T7	
32211	ZM_027_B1_H04	ZM_027_B1_H04_T7	
32212	ZM_027_B1_H05	ZM_027_B1_H05_T7	
32213	ZM_027_B1_H06	ZM_027_B1_H06_T7	
32214	ZM_027_B1_H06		ZM_027_B1_H06_MR
32215	ZM_027_B1_H07	ZM_027_B1_H07_T7	
32216	ZM_027_B1_H08	ZM_027_B1_H08_T7	
32217	ZM_027_B1_H09	ZM_027_B1_H09_T7	
32218	ZM_027_B1_H10	ZM_027_B1_H10_T7	
32219	ZM_027_B1_H11	ZM_027_B1_H11_T7	
32220	ZM_027_B1_H11		ZM_027_B1_H11_MR
32221	ZM_027_B1_H12	ZM_027_B1_H12_T7	
32222	ZM_027_B2_A02	ZM_027_B2_A02_T7	
32223	ZM_027_B2_A03	ZM_027_B2_A03_T7	
32224	ZM_027_B2_A04	ZM_027_B2_A04_T7	
32225	ZM_027_B2_A06	ZM_027_B2_A06_T7	
32226	ZM_027_B2_A07	ZM_027_B2_A07_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32227	ZM_027_B2_A11	ZM_027_B2_A11_T7	
32228	ZM_027_B2_A12	ZM_027_B2_A12_T7	
32229	ZM_027_B2_B02	ZM_027_B2_B02_T7	
32230	ZM_027_B2_B03	ZM_027_B2_B03_T7	
32231	ZM_027_B2_B04	ZM_027_B2_B04_T7	
32232	ZM_027_B2_B05	ZM_027_B2_B05_T7	
32233	ZM_027_B2_B06	ZM_027_B2_B06_T7	
32234	ZM_027_B2_B07	ZM_027_B2_B07_T7	
32235	ZM_027_B2_B08	ZM_027_B2_B08_T7	
32236	ZM_027_B2_B09	ZM_027_B2_B09_T7	
32237	ZM_027_B2_B11	ZM_027_B2_B11_T7	
32238	ZM_027_B2_C01	ZM_027_B2_C01_T7	
32239	ZM_027_B2_C03	ZM_027_B2_C03_T7	
32240	ZM_027_B2_C04	ZM_027_B2_C04_T7	
32241	ZM_027_B2_C06	ZM_027_B2_C06_T7	
32242	ZM_027_B2_C07	ZM_027_B2_C07_T7	
32243	ZM_027_B2_C09	ZM_027_B2_C09_T7	
32244	ZM_027_B2_C10	ZM_027_B2_C10_T7	
32245	ZM_027_B2_C11	ZM_027_B2_C11_T7	
32246	ZM_027_B2_D01	ZM_027_B2_D01_T7	
32247	ZM_027_B2_D02	ZM_027_B2_D02_T7	
32248	ZM_027_B2_D11	ZM_027_B2_D11_T7	
32249	ZM_027_B2_E01	ZM_027_B2_E01_T7	
32250	ZM_027_B2_E02	ZM_027_B2_E02_T7	
32251	ZM_027_B2_E03	ZM_027_B2_E03_T7	
32252	ZM_027_B2_E05	ZM_027_B2_E05_T7	
32253	ZM_027_B2_E06	ZM_027_B2_E06_T7	
32254	ZM_027_B2_E07	ZM_027_B2_E07_T7	
32255	ZM_027_B2_E08	ZM_027_B2_E08_T7	
32256	ZM_027_B2_E09	ZM_027_B2_E09_T7	
32257	ZM_027_B2_E10	ZM_027_B2_E10_T7	
32258	ZM_027_B2_F01	ZM_027_B2_F01_T7	
32259	ZM_027_B2_F02	ZM_027_B2_F02_T7	
32260	ZM_027_B2_F03	ZM_027_B2_F03_T7	
32261	ZM_027_B2_F04	ZM_027_B2_F04_T7	
32262	ZM_027_B2_F05	ZM_027_B2_F05_T7	
32263	ZM_027_B2_F08	ZM_027_B2_F08_T7	
32264	ZM_027_B2_F09	ZM_027_B2_F09_T7	
32265	ZM_027_B2_F11	ZM_027_B2_F11_T7	
32266	ZM_027_B2_F12	ZM_027_B2_F12_T7	
32267	ZM_027_B2_G01	ZM_027_B2_G01_T7	
32268	ZM_027_B2_G09	ZM_027_B2_G09_T7	
32269	ZM_027_B2_G10	ZM_027_B2_G10_T7	
32270	ZM_027_B2_G11	ZM_027_B2_G11_T7	
32271	ZM_027_B2_H01	ZM_027_B2_H01_T7	
32272	ZM_027_B2_H02	ZM_027_B2_H02_T7	
32273	ZM_027_B2_H05	ZM_027_B2_H05_T7	
32274	ZM_027_B2_H08	ZM_027_B2_H08_T7	
32275	ZM_027_B2_H09	ZM_027_B2_H09_T7	
32276	ZM_027_B2_H10	ZM_027_B2_H10_T7	
32277	ZM_027_B2_H11	ZM_027_B2_H11_T7	
32278	ZM_028_A1_A02	ZM_028_A1_A02_T7C	
32279	ZM_028_A1_A02		ZM_028_A1_A02_MR
32280	ZM_028_A1_A03		ZM_028_A1_A03_MR
32281	ZM_028_A1_A04	ZM_028_A1_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32282	ZM_028_A1_A04		ZM_028_A1_A04_MR
32283	ZM_028_A1_A05	ZM_028_A1_A05_T7C	
32284	ZM_028_A1_A05		ZM_028_A1_A05_MR
32285	ZM_028_A1_A06		ZM_028_A1_A06_MR
32286	ZM_028_A1_A07		ZM_028_A1_A07_MR
32287	ZM_028_A1_A08	ZM_028_A1_A08_T7C	
32288	ZM_028_A1_A08		ZM_028_A1_A08_MR
32289	ZM_028_A1_A09	ZM_028_A1_A09_T7C	
32290	ZM_028_A1_A09		ZM_028_A1_A09_MR
32291	ZM_028_A1_A10	ZM_028_A1_A10_T7C	
32292	ZM_028_A1_A10		ZM_028_A1_A10_MR
32293	ZM_028_A1_A11	ZM_028_A1_A11_T7C	
32294	ZM_028_A1_A12		ZM_028_A1_A12_MR
32295	ZM_028_A1_B01	ZM_028_A1_B01_T7C	
32296	ZM_028_A1_B01		ZM_028_A1_B01_MR
32297	ZM_028_A1_B02	ZM_028_A1_B02_T7C	
32298	ZM_028_A1_B02		ZM_028_A1_B02_MR
32299	ZM_028_A1_B03		ZM_028_A1_B03_MR
32300	ZM_028_A1_B04	ZM_028_A1_B04_T7C	
32301	ZM_028_A1_B05	ZM_028_A1_B05_T7C	
32302	ZM_028_A1_B05		ZM_028_A1_B05_MR
32303	ZM_028_A1_B06	ZM_028_A1_B06_T7C	
32304	ZM_028_A1_B06		ZM_028_A1_B06_MR
32305	ZM_028_A1_B07	ZM_028_A1_B07_T7C	
32306	ZM_028_A1_B07		ZM_028_A1_B07_MR
32307	ZM_028_A1_B08	ZM_028_A1_B08_T7C	
32308	ZM_028_A1_B08		ZM_028_A1_B08_MR
32309	ZM_028_A1_B09	ZM_028_A1_B09_T7C	
32310	ZM_028_A1_B09		ZM_028_A1_B09_MR
32311	ZM_028_A1_B10	ZM_028_A1_B10_T7C	
32312	ZM_028_A1_B10		ZM_028_A1_B10_MR
32313	ZM_028_A1_B11		ZM_028_A1_B11_MR
32314	ZM_028_A1_B12		ZM_028_A1_B12_MR
32315	ZM_028_A1_C01		ZM_028_A1_C01_MR
32316	ZM_028_A1_C02	ZM_028_A1_C02_T7C	
32317	ZM_028_A1_C02		ZM_028_A1_C02_MR
32318	ZM_028_A1_C04	ZM_028_A1_C04_T7C	
32319	ZM_028_A1_C04		ZM_028_A1_C04_MR
32320	ZM_028_A1_C05	ZM_028_A1_C05_T7C	
32321	ZM_028_A1_C06		ZM_028_A1_C06_MR
32322	ZM_028_A1_C07	ZM_028_A1_C07_T7C	
32323	ZM_028_A1_C07		ZM_028_A1_C07_MR
32324	ZM_028_A1_C08	ZM_028_A1_C08_T7C	
32325	ZM_028_A1_C08		ZM_028_A1_C08_MR
32326	ZM_028_A1_C09	ZM_028_A1_C09_T7C	
32327	ZM_028_A1_C09		ZM_028_A1_C09_MR
32328	ZM_028_A1_C10	ZM_028_A1_C10_T7C	
32329	ZM_028_A1_C10		ZM_028_A1_C10_MR
32330	ZM_028_A1_C11	ZM_028_A1_C11_T7C	
32331	ZM_028_A1_C11		ZM_028_A1_C11_MR
32332	ZM_028_A1_C12	ZM_028_A1_C12_T7C	
32333	ZM_028_A1_D01		ZM_028_A1_D01_MR
32334	ZM_028_A1_D02	ZM_028_A1_D02_T7C	
32335	ZM_028_A1_D02		ZM_028_A1_D02_MR
32336	ZM_028_A1_D03	ZM_028_A1_D03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32337	ZM_028_A1_D05		ZM_028_A1_D05_MR
32338	ZM_028_A1_D07	ZM_028_A1_D07_T7C	
32339	ZM_028_A1_D07		ZM_028_A1_D07_MR
32340	ZM_028_A1_D08	ZM_028_A1_D08_T7C	
32341	ZM_028_A1_D08		ZM_028_A1_D08_MR
32342	ZM_028_A1_D09	ZM_028_A1_D09_T7C	
32343	ZM_028_A1_D09		ZM_028_A1_D09_MR
32344	ZM_028_A1_D10	ZM_028_A1_D10_T7C	
32345	ZM_028_A1_D11		ZM_028_A1_D11_MR
32346	ZM_028_A1_E01	ZM_028_A1_E01_T7C	
32347	ZM_028_A1_E01		ZM_028_A1_E01_MR
32348	ZM_028_A1_E02	ZM_028_A1_E02_T7C	
32349	ZM_028_A1_E02		ZM_028_A1_E02_MR
32350	ZM_028_A1_E03		ZM_028_A1_E03_MR
32351	ZM_028_A1_E04		ZM_028_A1_E04_MR
32352	ZM_028_A1_E05		ZM_028_A1_E05_MR
32353	ZM_028_A1_E06		ZM_028_A1_E06_MR
32354	ZM_028_A1_E07		ZM_028_A1_E07_MR
32355	ZM_028_A1_E08		ZM_028_A1_E08_MR
32356	ZM_028_A1_E09	ZM_028_A1_E09_T7C	
32357	ZM_028_A1_E09		ZM_028_A1_E09_MR
32358	ZM_028_A1_E10	ZM_028_A1_E10_T7C	
32359	ZM_028_A1_E10		ZM_028_A1_E10_MR
32360	ZM_028_A1_E11		ZM_028_A1_E11_MR
32361	ZM_028_A1_E12	ZM_028_A1_E12_T7C	
32362	ZM_028_A1_F01	ZM_028_A1_F01_T7C	
32363	ZM_028_A1_F01		ZM_028_A1_F01_MR
32364	ZM_028_A1_F02		ZM_028_A1_F02_MR
32365	ZM_028_A1_F04		ZM_028_A1_F04_MR
32366	ZM_028_A1_F05	ZM_028_A1_F05_T7C	
32367	ZM_028_A1_F05		ZM_028_A1_F05_MR
32368	ZM_028_A1_F06		ZM_028_A1_F06_MR
32369	ZM_028_A1_F07	ZM_028_A1_F07_T7C	
32370	ZM_028_A1_F07		ZM_028_A1_F07_MR
32371	ZM_028_A1_F08	ZM_028_A1_F08_T7C	
32372	ZM_028_A1_F08		ZM_028_A1_F08_MR
32373	ZM_028_A1_F10	ZM_028_A1_F10_T7C	
32374	ZM_028_A1_F11		ZM_028_A1_F11_MR
32375	ZM_028_A1_F12	ZM_028_A1_F12_T7C	
32376	ZM_028_A1_F12		ZM_028_A1_F12_MR
32377	ZM_028_A1_G01	ZM_028_A1_G01_T7C	
32378	ZM_028_A1_G02	ZM_028_A1_G02_T7C	
32379	ZM_028_A1_G03		ZM_028_A1_G03_MR
32380	ZM_028_A1_G05	ZM_028_A1_G05_T7C	
32381	ZM_028_A1_G05		ZM_028_A1_G05_MR
32382	ZM_028_A1_G06		ZM_028_A1_G06_MR
32383	ZM_028_A1_G07	ZM_028_A1_G07_T7C	
32384	ZM_028_A1_G07		ZM_028_A1_G07_MR
32385	ZM_028_A1_G08		ZM_028_A1_G08_MR
32386	ZM_028_A1_G09	ZM_028_A1_G09_T7C	
32387	ZM_028_A1_G09		ZM_028_A1_G09_MR
32388	ZM_028_A1_G10	ZM_028_A1_G10_T7C	
32389	ZM_028_A1_G10		ZM_028_A1_G10_MR
32390	ZM_028_A1_G11		ZM_028_A1_G11_MR
32391	ZM_028_A1_G12	ZM_028_A1_G12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32392	ZM_028_A1_G12		ZM_028_A1_G12_MR
32393	ZM_028_A1_H01		ZM_028_A1_H01_MR
32394	ZM_028_A1_H03		ZM_028_A1_H03_MR
32395	ZM_028_A1_H04	ZM_028_A1_H04_T7C	
32396	ZM_028_A1_H04		ZM_028_A1_H04_MR
32397	ZM_028_A1_H07	ZM_028_A1_H07_T7C	
32398	ZM_028_A1_H07		ZM_028_A1_H07_MR
32399	ZM_028_A1_H08	ZM_028_A1_H08_T7C	
32400	ZM_028_A1_H08		ZM_028_A1_H08_MR
32401	ZM_028_A1_H09	ZM_028_A1_H09_T7C	
32402	ZM_028_A1_H10	ZM_028_A1_H10_T7C	
32403	ZM_028_A1_H10		ZM_028_A1_H10_MR
32404	ZM_028_A1_H11	ZM_028_A1_H11_T7C	
32405	ZM_028_A1_H11		ZM_028_A1_H11_MR
32406	ZM_028_A1_H12		ZM_028_A1_H12_MR
32407	ZM_028_A2_A01		ZM_028_A2_A01_MR
32408	ZM_028_A2_A02		ZM_028_A2_A02_MR
32409	ZM_028_A2_A03		ZM_028_A2_A03_MR
32410	ZM_028_A2_A05	ZM_028_A2_A05_T7	
32411	ZM_028_A2_A05		ZM_028_A2_A05_MR
32412	ZM_028_A2_A06		ZM_028_A2_A06_MR
32413	ZM_028_A2_A07		ZM_028_A2_A07_MR
32414	ZM_028_A2_A08	ZM_028_A2_A08_T7	
32415	ZM_028_A2_A08		ZM_028_A2_A08_MR
32416	ZM_028_A2_A09	ZM_028_A2_A09_T7	
32417	ZM_028_A2_A09		ZM_028_A2_A09_MR
32418	ZM_028_A2_A10		ZM_028_A2_A10_MR
32419	ZM_028_A2_A11		ZM_028_A2_A11_MR
32420	ZM_028_A2_A12	ZM_028_A2_A12_T7	
32421	ZM_028_A2_A12		ZM_028_A2_A12_MR
32422	ZM_028_A2_B01	ZM_028_A2_B01_T7	
32423	ZM_028_A2_B01		ZM_028_A2_B01_MR
32424	ZM_028_A2_B03	ZM_028_A2_B03_T7	
32425	ZM_028_A2_B03		ZM_028_A2_B03_MR
32426	ZM_028_A2_B04		ZM_028_A2_B04_MR
32427	ZM_028_A2_B05		ZM_028_A2_B05_MR
32428	ZM_028_A2_B06	ZM_028_A2_B06_T7	
32429	ZM_028_A2_B06		ZM_028_A2_B06_MR
32430	ZM_028_A2_B07		ZM_028_A2_B07_MR
32431	ZM_028_A2_B08		ZM_028_A2_B08_MR
32432	ZM_028_A2_B09	ZM_028_A2_B09_T7	
32433	ZM_028_A2_B09		ZM_028_A2_B09_MR
32434	ZM_028_A2_B10		ZM_028_A2_B10_MR
32435	ZM_028_A2_B11		ZM_028_A2_B11_MR
32436	ZM_028_A2_B12	ZM_028_A2_B12_T7	
32437	ZM_028_A2_B12		ZM_028_A2_B12_MR
32438	ZM_028_A2_C03		ZM_028_A2_C03_MR
32439	ZM_028_A2_C04		ZM_028_A2_C04_MR
32440	ZM_028_A2_C06		ZM_028_A2_C06_MR
32441	ZM_028_A2_C07	ZM_028_A2_C07_T7	
32442	ZM_028_A2_C07		ZM_028_A2_C07_MR
32443	ZM_028_A2_C08		ZM_028_A2_C08_MR
32444	ZM_028_A2_C09		ZM_028_A2_C09_MR
32445	ZM_028_A2_C10		ZM_028_A2_C10_MR
32446	ZM_028_A2_C11	ZM_028_A2_C11_T7	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32447	ZM_028_A2_C11		ZM_028_A2_C11_MR
32448	ZM_028_A2_C12	ZM_028_A2_C12_T7	
32449	ZM_028_A2_C12		ZM_028_A2_C12_MR
32450	ZM_028_A2_D01	ZM_028_A2_D01_T7	
32451	ZM_028_A2_D01		ZM_028_A2_D01_MR
32452	ZM_028_A2_D02	ZM_028_A2_D02_T7	
32453	ZM_028_A2_D02		ZM_028_A2_D02_MR
32454	ZM_028_A2_D03	ZM_028_A2_D03_T7	
32455	ZM_028_A2_D03		ZM_028_A2_D03_MR
32456	ZM_028_A2_D04		ZM_028_A2_D04_MR
32457	ZM_028_A2_D05		ZM_028_A2_D05_MR
32458	ZM_028_A2_D06		ZM_028_A2_D06_MR
32459	ZM_028_A2_D07	ZM_028_A2_D07_T7	
32460	ZM_028_A2_D07		ZM_028_A2_D07_MR
32461	ZM_028_A2_D08		ZM_028_A2_D08_MR
32462	ZM_028_A2_D10		ZM_028_A2_D10_MR
32463	ZM_028_A2_D11	ZM_028_A2_D11_T7	
32464	ZM_028_A2_D11		ZM_028_A2_D11_MR
32465	ZM_028_A2_D12	ZM_028_A2_D12_T7	
32466	ZM_028_A2_D12		ZM_028_A2_D12_MR
32467	ZM_028_A2_E02		ZM_028_A2_E02_MR
32468	ZM_028_A2_E03	ZM_028_A2_E03_T7	
32469	ZM_028_A2_E03		ZM_028_A2_E03_MR
32470	ZM_028_A2_E04		ZM_028_A2_E04_MR
32471	ZM_028_A2_E05	ZM_028_A2_E05_T7	
32472	ZM_028_A2_E05		ZM_028_A2_E05_MR
32473	ZM_028_A2_E06	ZM_028_A2_E06_T7	
32474	ZM_028_A2_E07		ZM_028_A2_E07_MR
32475	ZM_028_A2_E08		ZM_028_A2_E08_MR
32476	ZM_028_A2_E09	ZM_028_A2_E09_T7	
32477	ZM_028_A2_E09		ZM_028_A2_E09_MR
32478	ZM_028_A2_E10	ZM_028_A2_E10_T7	
32479	ZM_028_A2_E10		ZM_028_A2_E10_MR
32480	ZM_028_A2_E11	ZM_028_A2_E11_T7	
32481	ZM_028_A2_E11		ZM_028_A2_E11_MR
32482	ZM_028_A2_E12	ZM_028_A2_E12_T7	
32483	ZM_028_A2_E12		ZM_028_A2_E12_MR
32484	ZM_028_A2_F01		ZM_028_A2_F01_MR
32485	ZM_028_A2_F03		ZM_028_A2_F03_MR
32486	ZM_028_A2_F04	ZM_028_A2_F04_T7	
32487	ZM_028_A2_F04		ZM_028_A2_F04_MR
32488	ZM_028_A2_F05		ZM_028_A2_F05_MR
32489	ZM_028_A2_F06	ZM_028_A2_F06_T7	
32490	ZM_028_A2_F07	ZM_028_A2_F07_T7	
32491	ZM_028_A2_F08		ZM_028_A2_F08_MR
32492	ZM_028_A2_F09	ZM_028_A2_F09_T7	
32493	ZM_028_A2_F09		ZM_028_A2_F09_MR
32494	ZM_028_A2_F10	ZM_028_A2_F10_T7	
32495	ZM_028_A2_F10		ZM_028_A2_F10_MR
32496	ZM_028_A2_G02		ZM_028_A2_G02_MR
32497	ZM_028_A2_G03	ZM_028_A2_G03_T7	
32498	ZM_028_A2_G03		ZM_028_A2_G03_MR
32499	ZM_028_A2_G08		ZM_028_A2_G08_MR
32500	ZM_028_A2_G09		ZM_028_A2_G09_MR
32501	ZM_028_A2_G10	ZM_028_A2_G10_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32502	ZM_028_A2_G10		ZM_028_A2_G10_MR
32503	ZM_028_A2_G11		ZM_028_A2_G11_MR
32504	ZM_028_A2_G12		ZM_028_A2_G12_MR
32505	ZM_028_A2_H02		ZM_028_A2_H02_MR
32506	ZM_028_A2_H03		ZM_028_A2_H03_MR
32507	ZM_028_A2_H04		ZM_028_A2_H04_MR
32508	ZM_028_A2_H06	ZM_028_A2_H06_T7	
32509	ZM_028_A2_H06		ZM_028_A2_H06_MR
32510	ZM_028_A2_H07	ZM_028_A2_H07_T7	
32511	ZM_028_A2_H07		ZM_028_A2_H07_MR
32512	ZM_028_A2_H08		ZM_028_A2_H08_MR
32513	ZM_028_A2_H09	ZM_028_A2_H09_T7	
32514	ZM_028_A2_H09		ZM_028_A2_H09_MR
32515	ZM_028_A2_H11		ZM_028_A2_H11_MR
32516	ZM_028_A2_H12	ZM_028_A2_H12_T7	
32517	ZM_028_A2_H12		ZM_028_A2_H12_MR
32518	ZM_028_B1_A02	ZM_028_B1_A02_T7	
32519	ZM_028_B1_A02		ZM_028_B1_A02_MR
32520	ZM_028_B1_A03	ZM_028_B1_A03_T7	
32521	ZM_028_B1_A03		ZM_028_B1_A03_MR
32522	ZM_028_B1_A04	ZM_028_B1_A04_T7	
32523	ZM_028_B1_A04		ZM_028_B1_A04_MR
32524	ZM_028_B1_A05	ZM_028_B1_A05_T7	
32525	ZM_028_B1_A05		ZM_028_B1_A05_MR
32526	ZM_028_B1_A06	ZM_028_B1_A06_T7	
32527	ZM_028_B1_A06		ZM_028_B1_A06_MR
32528	ZM_028_B1_A07		ZM_028_B1_A07_MR
32529	ZM_028_B1_A08	ZM_028_B1_A08_T7	
32530	ZM_028_B1_A08		ZM_028_B1_A08_MR
32531	ZM_028_B1_A09	ZM_028_B1_A09_T7	
32532	ZM_028_B1_A09		ZM_028_B1_A09_MR
32533	ZM_028_B1_A10	ZM_028_B1_A10_T7	
32534	ZM_028_B1_A10		ZM_028_B1_A10_MR
32535	ZM_028_B1_A11	ZM_028_B1_A11_T7	
32536	ZM_028_B1_A11		ZM_028_B1_A11_MR
32537	ZM_028_B1_A12	ZM_028_B1_A12_T7	
32538	ZM_028_B1_A12		ZM_028_B1_A12_MR
32539	ZM_028_B1_B01	ZM_028_B1_B01_T7	
32540	ZM_028_B1_B01		ZM_028_B1_B01_MR
32541	ZM_028_B1_B02		ZM_028_B1_B02_MR
32542	ZM_028_B1_B03	ZM_028_B1_B03_T7	
32543	ZM_028_B1_B03		ZM_028_B1_B03_MR
32544	ZM_028_B1_B04	ZM_028_B1_B04_T7	
32545	ZM_028_B1_B04		ZM_028_B1_B04_MR
32546	ZM_028_B1_B05	ZM_028_B1_B05_T7	
32547	ZM_028_B1_B05		ZM_028_B1_B05_MR
32548	ZM_028_B1_B06	ZM_028_B1_B06_T7	
32549	ZM_028_B1_B06		ZM_028_B1_B06_MR
32550	ZM_028_B1_B07	ZM_028_B1_B07_T7	
32551	ZM_028_B1_B07		ZM_028_B1_B07_MR
32552	ZM_028_B1_B09	ZM_028_B1_B09_T7	
32553	ZM_028_B1_B09		ZM_028_B1_B09_MR
32554	ZM_028_B1_B10	ZM_028_B1_B10_T7	
32555	ZM_028_B1_B10		ZM_028_B1_B10_MR
32556	ZM_028_B1_B11		ZM_028_B1_B11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32557	ZM_028_B1_B12		ZM_028_B1_B12_MR
32558	ZM_028_B1_C01		ZM_028_B1_C01_MR
32559	ZM_028_B1_C02	ZM_028_B1_C02_T7	
32560	ZM_028_B1_C02		ZM_028_B1_C02_MR
32561	ZM_028_B1_C03	ZM_028_B1_C03_T7	
32562	ZM_028_B1_C03		ZM_028_B1_C03_MR
32563	ZM_028_B1_C04	ZM_028_B1_C04_T7	
32564	ZM_028_B1_C04		ZM_028_B1_C04_MR
32565	ZM_028_B1_C05	ZM_028_B1_C05_T7	
32566	ZM_028_B1_C05		ZM_028_B1_C05_MR
32567	ZM_028_B1_C06	ZM_028_B1_C06_T7	
32568	ZM_028_B1_C06		ZM_028_B1_C06_MR
32569	ZM_028_B1_C07	ZM_028_B1_C07_T7	
32570	ZM_028_B1_C07		ZM_028_B1_C07_MR
32571	ZM_028_B1_C08	ZM_028_B1_C08_T7	
32572	ZM_028_B1_C08		ZM_028_B1_C08_MR
32573	ZM_028_B1_C09	ZM_028_B1_C09_T7	
32574	ZM_028_B1_C09		ZM_028_B1_C09_MR
32575	ZM_028_B1_C10	ZM_028_B1_C10_T7	
32576	ZM_028_B1_C10		ZM_028_B1_C10_MR
32577	ZM_028_B1_C11	ZM_028_B1_C11_T7	
32578	ZM_028_B1_C11		ZM_028_B1_C11_MR
32579	ZM_028_B1_C12	ZM_028_B1_C12_T7	
32580	ZM_028_B1_C12		ZM_028_B1_C12_MR
32581	ZM_028_B1_D01	ZM_028_B1_D01_T7	
32582	ZM_028_B1_D01		ZM_028_B1_D01_MR
32583	ZM_028_B1_D03	ZM_028_B1_D03_T7	
32584	ZM_028_B1_D03		ZM_028_B1_D03_MR
32585	ZM_028_B1_D04	ZM_028_B1_D04_T7	
32586	ZM_028_B1_D04		ZM_028_B1_D04_MR
32587	ZM_028_B1_D05	ZM_028_B1_D05_T7	
32588	ZM_028_B1_D05		ZM_028_B1_D05_MR
32589	ZM_028_B1_D06	ZM_028_B1_D06_T7	
32590	ZM_028_B1_D06		ZM_028_B1_D06_MR
32591	ZM_028_B1_D07	ZM_028_B1_D07_T7	
32592	ZM_028_B1_D07		ZM_028_B1_D07_MR
32593	ZM_028_B1_D08	ZM_028_B1_D08_T7	
32594	ZM_028_B1_D08		ZM_028_B1_D08_MR
32595	ZM_028_B1_D09	ZM_028_B1_D09_T7	
32596	ZM_028_B1_D09		ZM_028_B1_D09_MR
32597	ZM_028_B1_D10	ZM_028_B1_D10_T7	
32598	ZM_028_B1_D10		ZM_028_B1_D10_MR
32599	ZM_028_B1_D12	ZM_028_B1_D12_T7	
32600	ZM_028_B1_D12		ZM_028_B1_D12_MR
32601	ZM_028_B1_E01	ZM_028_B1_E01_T7	
32602	ZM_028_B1_E01		ZM_028_B1_E01_MR
32603	ZM_028_B1_E02	ZM_028_B1_E02_T7	
32604	ZM_028_B1_E02		ZM_028_B1_E02_MR
32605	ZM_028_B1_E03	ZM_028_B1_E03_T7	
32606	ZM_028_B1_E03		ZM_028_B1_E03_MR
32607	ZM_028_B1_E04	ZM_028_B1_E04_T7	
32608	ZM_028_B1_E04		ZM_028_B1_E04_MR
32609	ZM_028_B1_E05	ZM_028_B1_E05_T7	
32610	ZM_028_B1_E05		ZM_028_B1_E05_MR
32611	ZM_028_B1_E06	ZM_028_B1_E06_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32612	ZM_028_B1_E06		ZM_028_B1_E06_MR
32613	ZM_028_B1_E07	ZM_028_B1_E07_T7	
32614	ZM_028_B1_E07		ZM_028_B1_E07_MR
32615	ZM_028_B1_E08	ZM_028_B1_E08_T7	
32616	ZM_028_B1_E08		ZM_028_B1_E08_MR
32617	ZM_028_B1_E09	ZM_028_B1_E09_T7	
32618	ZM_028_B1_E09		ZM_028_B1_E09_MR
32619	ZM_028_B1_E10	ZM_028_B1_E10_T7	
32620	ZM_028_B1_E10		ZM_028_B1_E10_MR
32621	ZM_028_B1_E11	ZM_028_B1_E11_T7	
32622	ZM_028_B1_E11		ZM_028_B1_E11_MR
32623	ZM_028_B1_E12	ZM_028_B1_E12_T7	
32624	ZM_028_B1_E12		ZM_028_B1_E12_MR
32625	ZM_028_B1_F01	ZM_028_B1_F01_T7	
32626	ZM_028_B1_F01		ZM_028_B1_F01_MR
32627	ZM_028_B1_F02	ZM_028_B1_F02_T7	
32628	ZM_028_B1_F02		ZM_028_B1_F02_MR
32629	ZM_028_B1_F03	ZM_028_B1_F03_T7	
32630	ZM_028_B1_F03		ZM_028_B1_F03_MR
32631	ZM_028_B1_F04	ZM_028_B1_F04_T7	
32632	ZM_028_B1_F04		ZM_028_B1_F04_MR
32633	ZM_028_B1_F05	ZM_028_B1_F05_T7	
32634	ZM_028_B1_F05		ZM_028_B1_F05_MR
32635	ZM_028_B1_F06	ZM_028_B1_F06_T7	
32636	ZM_028_B1_F06		ZM_028_B1_F06_MR
32637	ZM_028_B1_F07	ZM_028_B1_F07_T7	
32638	ZM_028_B1_F07		ZM_028_B1_F07_MR
32639	ZM_028_B1_F08	ZM_028_B1_F08_T7	
32640	ZM_028_B1_F08		ZM_028_B1_F08_MR
32641	ZM_028_B1_F09	ZM_028_B1_F09_T7	
32642	ZM_028_B1_F09		ZM_028_B1_F09_MR
32643	ZM_028_B1_F10	ZM_028_B1_F10_T7	
32644	ZM_028_B1_F10		ZM_028_B1_F10_MR
32645	ZM_028_B1_F11	ZM_028_B1_F11_T7	
32646	ZM_028_B1_F11		ZM_028_B1_F11_MR
32647	ZM_028_B1_F12	ZM_028_B1_F12_T7	
32648	ZM_028_B1_F12		ZM_028_B1_F12_MR
32649	ZM_028_B1_G02	ZM_028_B1_G02_T7	
32650	ZM_028_B1_G02		ZM_028_B1_G02_MR
32651	ZM_028_B1_G04	ZM_028_B1_G04_T7	
32652	ZM_028_B1_G04		ZM_028_B1_G04_MR
32653	ZM_028_B1_G05	ZM_028_B1_G05_T7	
32654	ZM_028_B1_G05		ZM_028_B1_G05_MR
32655	ZM_028_B1_G06	ZM_028_B1_G06_T7	
32656	ZM_028_B1_G06		ZM_028_B1_G06_MR
32657	ZM_028_B1_G07	ZM_028_B1_G07_T7	
32658	ZM_028_B1_G07		ZM_028_B1_G07_MR
32659	ZM_028_B1_G09	ZM_028_B1_G09_T7	
32660	ZM_028_B1_G09		ZM_028_B1_G09_MR
32661	ZM_028_B1_G10	ZM_028_B1_G10_T7	
32662	ZM_028_B1_G10		ZM_028_B1_G10_MR
32663	ZM_028_B1_G11	ZM_028_B1_G11_T7	
32664	ZM_028_B1_G11		ZM_028_B1_G11_MR
32665	ZM_028_B1_G12	ZM_028_B1_G12_T7	
32666	ZM_028_B1_G12		ZM_028_B1_G12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32667	ZM_028_B1_H01	ZM_028_B1_H01_T7	
32668	ZM_028_B1_H01		ZM_028_B1_H01_MR
32669	ZM_028_B1_H02	ZM_028_B1_H02_T7	
32670	ZM_028_B1_H02		ZM_028_B1_H02_MR
32671	ZM_028_B1_H03	ZM_028_B1_H03_T7	
32672	ZM_028_B1_H03		ZM_028_B1_H03_MR
32673	ZM_028_B1_H04	ZM_028_B1_H04_T7	
32674	ZM_028_B1_H04		ZM_028_B1_H04_MR
32675	ZM_028_B1_H05		ZM_028_B1_H05_MR
32676	ZM_028_B1_H06	ZM_028_B1_H06_T7	
32677	ZM_028_B1_H06		ZM_028_B1_H06_MR
32678	ZM_028_B1_H07	ZM_028_B1_H07_T7	
32679	ZM_028_B1_H07		ZM_028_B1_H07_MR
32680	ZM_028_B1_H08	ZM_028_B1_H08_T7	
32681	ZM_028_B1_H08		ZM_028_B1_H08_MR
32682	ZM_028_B1_H09	ZM_028_B1_H09_T7	
32683	ZM_028_B1_H09		ZM_028_B1_H09_MR
32684	ZM_028_B1_H10	ZM_028_B1_H10_T7	
32685	ZM_028_B1_H10		ZM_028_B1_H10_MR
32686	ZM_028_B1_H11	ZM_028_B1_H11_T7	
32687	ZM_028_B1_H11		ZM_028_B1_H11_MR
32688	ZM_028_B1_H12		ZM_028_B1_H12_MR
32689	ZM_028_B2_A02	ZM_028_B2_A02_T7	
32690	ZM_028_B2_A02		ZM_028_B2_A02_MR
32691	ZM_028_B2_A03	ZM_028_B2_A03_T7	
32692	ZM_028_B2_A04	ZM_028_B2_A04_T7	
32693	ZM_028_B2_A04		ZM_028_B2_A04_MR
32694	ZM_028_B2_A06	ZM_028_B2_A06_T7	
32695	ZM_028_B2_A07		ZM_028_B2_A07_MR
32696	ZM_028_B2_A08	ZM_028_B2_A08_T7	
32697	ZM_028_B2_A09	ZM_028_B2_A09_T7	
32698	ZM_028_B2_A10	ZM_028_B2_A10_T7	
32699	ZM_028_B2_A10		ZM_028_B2_A10_MR
32700	ZM_028_B2_A11	ZM_028_B2_A11_T7	
32701	ZM_028_B2_A11		ZM_028_B2_A11_MR
32702	ZM_028_B2_A12	ZM_028_B2_A12_T7	
32703	ZM_028_B2_B01	ZM_028_B2_B01_T7	
32704	ZM_028_B2_B01		ZM_028_B2_B01_MR
32705	ZM_028_B2_B02	ZM_028_B2_B02_T7	
32706	ZM_028_B2_B04	ZM_028_B2_B04_T7	
32707	ZM_028_B2_B04		ZM_028_B2_B04_MR
32708	ZM_028_B2_B05	ZM_028_B2_B05_T7	
32709	ZM_028_B2_B05		ZM_028_B2_B05_MR
32710	ZM_028_B2_B06	ZM_028_B2_B06_T7	
32711	ZM_028_B2_B07	ZM_028_B2_B07_T7	
32712	ZM_028_B2_B07		ZM_028_B2_B07_MR
32713	ZM_028_B2_B08	ZM_028_B2_B08_T7	
32714	ZM_028_B2_B10	ZM_028_B2_B10_T7	
32715	ZM_028_B2_B10		ZM_028_B2_B10_MR
32716	ZM_028_B2_B11	ZM_028_B2_B11_T7	
32717	ZM_028_B2_B12	ZM_028_B2_B12_T7	
32718	ZM_028_B2_B12		ZM_028_B2_B12_MR
32719	ZM_028_B2_C01	ZM_028_B2_C01_T7	
32720	ZM_028_B2_C01		ZM_028_B2_C01_MR
32721	ZM_028_B2_C02	ZM_028_B2_C02_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32722	ZM_028_B2_C03	ZM_028_B2_C03_T7	
32723	ZM_028_B2_C04	ZM_028_B2_C04_T7	
32724	ZM_028_B2_C05	ZM_028_B2_C05_T7	
32725	ZM_028_B2_C05		ZM_028_B2_C05_MR
32726	ZM_028_B2_C08	ZM_028_B2_C08_T7	
32727	ZM_028_B2_C10	ZM_028_B2_C10_T7	
32728	ZM_028_B2_C10		ZM_028_B2_C10_MR
32729	ZM_028_B2_C11	ZM_028_B2_C11_T7	
32730	ZM_028_B2_C12	ZM_028_B2_C12_T7	
32731	ZM_028_B2_C12		ZM_028_B2_C12_MR
32732	ZM_028_B2_D01	ZM_028_B2_D01_T7	
32733	ZM_028_B2_D01		ZM_028_B2_D01_MR
32734	ZM_028_B2_D02	ZM_028_B2_D02_T7	
32735	ZM_028_B2_D03	ZM_028_B2_D03_T7	
32736	ZM_028_B2_D03		ZM_028_B2_D03_MR
32737	ZM_028_B2_D05		ZM_028_B2_D05_MR
32738	ZM_028_B2_D07		ZM_028_B2_D07_MR
32739	ZM_028_B2_D08	ZM_028_B2_D08_T7	
32740	ZM_028_B2_D10	ZM_028_B2_D10_T7	
32741	ZM_028_B2_D10		ZM_028_B2_D10_MR
32742	ZM_028_B2_D12	ZM_028_B2_D12_T7	
32743	ZM_028_B2_D12		ZM_028_B2_D12_MR
32744	ZM_028_B2_E01	ZM_028_B2_E01_T7	
32745	ZM_028_B2_E02	ZM_028_B2_E02_T7	
32746	ZM_028_B2_E03	ZM_028_B2_E03_T7	
32747	ZM_028_B2_E06	ZM_028_B2_E06_T7	
32748	ZM_028_B2_E07	ZM_028_B2_E07_T7	
32749	ZM_028_B2_E07		ZM_028_B2_E07_MR
32750	ZM_028_B2_E08	ZM_028_B2_E08_T7	
32751	ZM_028_B2_E10	ZM_028_B2_E10_T7	
32752	ZM_028_B2_E10		ZM_028_B2_E10_MR
32753	ZM_028_B2_E11		ZM_028_B2_E11_MR
32754	ZM_028_B2_E12	ZM_028_B2_E12_T7	
32755	ZM_028_B2_E12		ZM_028_B2_E12_MR
32756	ZM_028_B2_F01	ZM_028_B2_F01_T7	
32757	ZM_028_B2_F02	ZM_028_B2_F02_T7	
32758	ZM_028_B2_F03	ZM_028_B2_F03_T7	
32759	ZM_028_B2_F03		ZM_028_B2_F03_MR
32760	ZM_028_B2_F04	ZM_028_B2_F04_T7	
32761	ZM_028_B2_F04		ZM_028_B2_F04_MR
32762	ZM_028_B2_F05	ZM_028_B2_F05_T7	
32763	ZM_028_B2_F05		ZM_028_B2_F05_MR
32764	ZM_028_B2_F07	ZM_028_B2_F07_T7	
32765	ZM_028_B2_F08	ZM_028_B2_F08_T7	
32766	ZM_028_B2_F09	ZM_028_B2_F09_T7	
32767	ZM_028_B2_F10	ZM_028_B2_F10_T7	
32768	ZM_028_B2_F10		ZM_028_B2_F10_MR
32769	ZM_028_B2_F12	ZM_028_B2_F12_T7	
32770	ZM_028_B2_F12		ZM_028_B2_F12_MR
32771	ZM_028_B2_G01	ZM_028_B2_G01_T7	
32772	ZM_028_B2_G01		ZM_028_B2_G01_MR
32773	ZM_028_B2_G02	ZM_028_B2_G02_T7	
32774	ZM_028_B2_G03	ZM_028_B2_G03_T7	
32775	ZM_028_B2_G04		ZM_028_B2_G04_MR
32776	ZM_028_B2_G05	ZM_028_B2_G05_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32777	ZM_028_B2_G05		ZM_028_B2_G05_MR
32778	ZM_028_B2_G06	ZM_028_B2_G06_T7	
32779	ZM_028_B2_G06		ZM_028_B2_G06_MR
32780	ZM_028_B2_G10	ZM_028_B2_G10_T7	
32781	ZM_028_B2_G10		ZM_028_B2_G10_MR
32782	ZM_028_B2_G11	ZM_028_B2_G11_T7	
32783	ZM_028_B2_G11		ZM_028_B2_G11_MR
32784	ZM_028_B2_H01		ZM_028_B2_H01_MR
32785	ZM_028_B2_H02	ZM_028_B2_H02_T7	
32786	ZM_028_B2_H03	ZM_028_B2_H03_T7	
32787	ZM_028_B2_H03		ZM_028_B2_H03_MR
32788	ZM_028_B2_H04	ZM_028_B2_H04_T7	
32789	ZM_028_B2_H05	ZM_028_B2_H05_T7	
32790	ZM_028_B2_H08	ZM_028_B2_H08_T7	
32791	ZM_028_B2_H09	ZM_028_B2_H09_T7	
32792	ZM_028_B2_H10	ZM_028_B2_H10_T7	
32793	ZM_028_B2_H10		ZM_028_B2_H10_MR
32794	ZM_029_A1_A01	ZM_029_A1_A01_T7C	
32795	ZM_029_A1_A02	ZM_029_A1_A02_T7C	
32796	ZM_029_A1_A03	ZM_029_A1_A03_T7C	
32797	ZM_029_A1_A04	ZM_029_A1_A04_T7C	
32798	ZM_029_A1_A05	ZM_029_A1_A05_T7C	
32799	ZM_029_A1_A06	ZM_029_A1_A06_T7C	
32800	ZM_029_A1_A07	ZM_029_A1_A07_T7C	
32801	ZM_029_A1_A08	ZM_029_A1_A08_T7C	
32802	ZM_029_A1_A09	ZM_029_A1_A09_T7C	
32803	ZM_029_A1_A10	ZM_029_A1_A10_T7C	
32804	ZM_029_A1_A11	ZM_029_A1_A11_T7C	
32805	ZM_029_A1_A12	ZM_029_A1_A12_T7C	
32806	ZM_029_A1_B01	ZM_029_A1_B01_T7C	
32807	ZM_029_A1_B02	ZM_029_A1_B02_T7C	
32808	ZM_029_A1_B05	ZM_029_A1_B05_T7C	
32809	ZM_029_A1_B06	ZM_029_A1_B06_T7C	
32810	ZM_029_A1_B07	ZM_029_A1_B07_T7C	
32811	ZM_029_A1_B08	ZM_029_A1_B08_T7C	
32812	ZM_029_A1_B09	ZM_029_A1_B09_T7C	
32813	ZM_029_A1_B10	ZM_029_A1_B10_T7C	
32814	ZM_029_A1_B11	ZM_029_A1_B11_T7	
32815	ZM_029_A1_B12	ZM_029_A1_B12_T7	
32816	ZM_029_A1_C01	ZM_029_A1_C01_T7C	
32817	ZM_029_A1_C02	ZM_029_A1_C02_T7C	
32818	ZM_029_A1_C03	ZM_029_A1_C03_T7C	
32819	ZM_029_A1_C04	ZM_029_A1_C04_T7C	
32820	ZM_029_A1_C05	ZM_029_A1_C05_T7C	
32821	ZM_029_A1_C06	ZM_029_A1_C06_T7C	
32822	ZM_029_A1_C07	ZM_029_A1_C07_T7C	
32823	ZM_029_A1_C08	ZM_029_A1_C08_T7C	ZM_029_A1_C10
	ZM_029_A1_C10_T7C		
32825	ZM_029_A1_C11	ZM_029_A1_C11_T7C	
32826	ZM_029_A1_C12	ZM_029_A1_C12_T7C	
32827	ZM_029_A1_D01	ZM_029_A1_D01_T7C	
32828	ZM_029_A1_D02	ZM_029_A1_D02_T7C	
32829	ZM_029_A1_D03	ZM_029_A1_D03_T7C	
32830	ZM_029_A1_D04	ZM_029_A1_D04_T7C	
32831	ZM_029_A1_D05	ZM_029_A1_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32832	ZM_029_A1_D06	ZM_029_A1_D06_T7C	
32833	ZM_029_A1_D07	ZM_029_A1_D07_T7C	
32834	ZM_029_A1_D09	ZM_029_A1_D09_T7C	
32835	ZM_029_A1_D10	ZM_029_A1_D10_T7C	
32836	ZM_029_A1_D11	ZM_029_A1_D11_T7C	
32837	ZM_029_A1_D12	ZM_029_A1_D12_T7C	
32838	ZM_029_A1_E01	ZM_029_A1_E01_T7C	
32839	ZM_029_A1_E02	ZM_029_A1_E02_T7C	
32840	ZM_029_A1_E03	ZM_029_A1_E03_T7C	
32841	ZM_029_A1_E04	ZM_029_A1_E04_T7C	
32842	ZM_029_A1_E05	ZM_029_A1_E05_T7C	
32843	ZM_029_A1_E06	ZM_029_A1_E06_T7C	
32844	ZM_029_A1_E07	ZM_029_A1_E07_T7C	
32845	ZM_029_A1_E08	ZM_029_A1_E08_T7C	
32846	ZM_029_A1_E09	ZM_029_A1_E09_T7C	
32847	ZM_029_A1_E10	ZM_029_A1_E10_T7C	
32848	ZM_029_A1_E11	ZM_029_A1_E11_T7C	
32849	ZM_029_A1_E12	ZM_029_A1_E12_T7C	
32850	ZM_029_A1_F01	ZM_029_A1_F01_T7C	
32851	ZM_029_A1_F02	ZM_029_A1_F02_T7C	
32852	ZM_029_A1_F03	ZM_029_A1_F03_T7C	
32853	ZM_029_A1_F04	ZM_029_A1_F04_T7C	
32854	ZM_029_A1_F06	ZM_029_A1_F06_T7C	
32855	ZM_029_A1_F07	ZM_029_A1_F07_T7C	
32856	ZM_029_A1_F08	ZM_029_A1_F08_T7C	
32857	ZM_029_A1_F09	ZM_029_A1_F09_T7C	
32858	ZM_029_A1_F10	ZM_029_A1_F10_T7C	
32859	ZM_029_A1_F11	ZM_029_A1_F11_T7C	
32860	ZM_029_A1_F12	ZM_029_A1_F12_T7C	
32861	ZM_029_A1_G01	ZM_029_A1_G01_T7C	
32862	ZM_029_A1_G03	ZM_029_A1_G03_T7C	
32863	ZM_029_A1_G05	ZM_029_A1_G05_T7C	
32864	ZM_029_A1_G06	ZM_029_A1_G06_T7C	
32865	ZM_029_A1_G07	ZM_029_A1_G07_T7C	
32866	ZM_029_A1_G08	ZM_029_A1_G08_T7C	
32867	ZM_029_A1_G09	ZM_029_A1_G09_T7C	
32868	ZM_029_A1_G10	ZM_029_A1_G10_T7C	
32869	ZM_029_A1_G11	ZM_029_A1_G11_T7C	
32870	ZM_029_A1_H01	ZM_029_A1_H01_T7C	
32871	ZM_029_A1_H02	ZM_029_A1_H02_T7C	
32872	ZM_029_A1_H03	ZM_029_A1_H03_T7C	
32873	ZM_029_A1_H04	ZM_029_A1_H04_T7C	
32874	ZM_029_A1_H05	ZM_029_A1_H05_T7C	
32875	ZM_029_A1_H06	ZM_029_A1_H06_T7C	
32876	ZM_029_A1_H07	ZM_029_A1_H07_T7C	
32877	ZM_029_A1_H08	ZM_029_A1_H08_T7C	
32878	ZM_029_A1_H09	ZM_029_A1_H09_T7C	
32879	ZM_029_A1_H10	ZM_029_A1_H10_T7C	
32880	ZM_029_A1_H11	ZM_029_A1_H11_T7C	
32881	ZM_029_A1_H12	ZM_029_A1_H12_T7C	
32882	ZM_029_A2_A06		ZM_029_A2_A06_MR
32883	ZM_029_A2_A08	ZM_029_A2_A08_T7C	
32884	ZM_029_A2_A09	ZM_029_A2_A09_T7C	
32885	ZM_029_A2_A10	ZM_029_A2_A10_T7C	
32886	ZM_029_A2_A10		ZM_029_A2_A10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32887	ZM_029_A2_A11		ZM_029_A2_A11_MR
32888	ZM_029_A2_B01	ZM_029_A2_B01_T7C	
32889	ZM_029_A2_B01		ZM_029_A2_B01_MR
32890	ZM_029_A2_B06		ZM_029_A2_B06_MR
32891	ZM_029_A2_B07		ZM_029_A2_B07_MR
32892	ZM_029_A2_B09		ZM_029_A2_B09_MR
32893	ZM_029_A2_C03	ZM_029_A2_C03_T7C	
32894	ZM_029_A2_C06	ZM_029_A2_C06_T7C	
32895	ZM_029_A2_C06		ZM_029_A2_C06_MR
32896	ZM_029_A2_C08	ZM_029_A2_C08_T7C	
32897	ZM_029_A2_C08		ZM_029_A2_C08_MR
32898	ZM_029_A2_C12		ZM_029_A2_C12_MR
32899	ZM_029_A2_D06		ZM_029_A2_D06_MR
32900	ZM_029_A2_D08		ZM_029_A2_D08_MR
32901	ZM_029_A2_D10	ZM_029_A2_D10_T7C	
32902	ZM_029_A2_D11	ZM_029_A2_D11_T7C	
32903	ZM_029_A2_E02	ZM_029_A2_E02_T7C	
32904	ZM_029_A2_E06		ZM_029_A2_E06_MR
32905	ZM_029_A2_E07		ZM_029_A2_E07_MR
32906	ZM_029_A2_E08		ZM_029_A2_E08_MR
32907	ZM_029_A2_E09	ZM_029_A2_E09_T7C	
32908	ZM_029_A2_F01	ZM_029_A2_F01_T7C	
32909	ZM_029_A2_F02		ZM_029_A2_F02_MR
32910	ZM_029_A2_F03	ZM_029_A2_F03_T7C	
32911	ZM_029_A2_F03		ZM_029_A2_F03_MR
32912	ZM_029_A2_F07		ZM_029_A2_F07_MR
32913	ZM_029_A2_F09	ZM_029_A2_F09_T7C	
32914	ZM_029_A2_F09		ZM_029_A2_F09_MR
32915	ZM_029_A2_G01	ZM_029_A2_G01_T7C	
32916	ZM_029_A2_G01		ZM_029_A2_G01_MR
32917	ZM_029_A2_G02	ZM_029_A2_G02_T7C	
32918	ZM_029_A2_G02		ZM_029_A2_G02_MR
32919	ZM_029_A2_G05	ZM_029_A2_G05_T7C	
32920	ZM_029_A2_G05		ZM_029_A2_G05_MR
32921	ZM_029_A2_G07		ZM_029_A2_G07_MR
32922	ZM_029_A2_G08	ZM_029_A2_G08_T7C	
32923	ZM_029_A2_H01		ZM_029_A2_H01_MR
32924	ZM_029_A2_H03	ZM_029_A2_H03_T7C	
32925	ZM_029_A2_H03		ZM_029_A2_H03_MR
32926	ZM_029_A2_H05	ZM_029_A2_H05_T7C	
32927	ZM_029_A2_H07	ZM_029_A2_H07_T7C	
32928	ZM_029_A2_H08	ZM_029_A2_H08_T7C	
32929	ZM_029_A2_H08		ZM_029_A2_H08_MR
32930	ZM_029_B1_A01	ZM_029_B1_A01_T7	
32931	ZM_029_B1_A01		ZM_029_B1_A01_MR
32932	ZM_029_B1_A03	ZM_029_B1_A03_T7	
32933	ZM_029_B1_A04		ZM_029_B1_A04_MR
32934	ZM_029_B1_A05		ZM_029_B1_A05_MR
32935	ZM_029_B1_A07	ZM_029_B1_A07_T7	
32936	ZM_029_B1_A07		ZM_029_B1_A07_MR
32937	ZM_029_B1_A08	ZM_029_B1_A08_T7	
32938	ZM_029_B1_A08		ZM_029_B1_A08_MR
32939	ZM_029_B1_A09	ZM_029_B1_A09_T7	
32940	ZM_029_B1_A09		ZM_029_B1_A09_MR
32941	ZM_029_B1_A10	ZM_029_B1_A10_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32942	ZM_029_B1_A10		ZM_029_B1_A10_MR
32943	ZM_029_B1_A11	ZM_029_B1_A11_T7	
32944	ZM_029_B1_A11		ZM_029_B1_A11_MR
32945	ZM_029_B1_A12		ZM_029_B1_A12_MR
32946	ZM_029_B1_B01	ZM_029_B1_B01_T7	
32947	ZM_029_B1_B01		ZM_029_B1_B01_MR
32948	ZM_029_B1_B02		ZM_029_B1_B02_MR
32949	ZM_029_B1_B03	ZM_029_B1_B03_T7	
32950	ZM_029_B1_B03		ZM_029_B1_B03_MR
32951	ZM_029_B1_B04	ZM_029_B1_B04_T7	
32952	ZM_029_B1_B04		ZM_029_B1_B04_MR
32953	ZM_029_B1_B05	ZM_029_B1_B05_T7	
32954	ZM_029_B1_B05		ZM_029_B1_B05_MR
32955	ZM_029_B1_B07	ZM_029_B1_B07_T7	
32956	ZM_029_B1_B07		ZM_029_B1_B07_MR
32957	ZM_029_B1_B08	ZM_029_B1_B08_T7	
32958	ZM_029_B1_B08		ZM_029_B1_B08_MR
32959	ZM_029_B1_B09		ZM_029_B1_B09_MR
32960	ZM_029_B1_B10	ZM_029_B1_B10_T7	
32961	ZM_029_B1_B10		ZM_029_B1_B10_MR
32962	ZM_029_B1_B11	ZM_029_B1_B11_T7	
32963	ZM_029_B1_B11		ZM_029_B1_B11_MR
32964	ZM_029_B1_B12		ZM_029_B1_B12_MR
32965	ZM_029_B1_C01	ZM_029_B1_C01_T7	
32966	ZM_029_B1_C01		ZM_029_B1_C01_MR
32967	ZM_029_B1_C02	ZM_029_B1_C02_T7	
32968	ZM_029_B1_C02		ZM_029_B1_C02_MR
32969	ZM_029_B1_C03		ZM_029_B1_C03_MR
32970	ZM_029_B1_C04	ZM_029_B1_C04_T7	
32971	ZM_029_B1_C04		ZM_029_B1_C04_MR
32972	ZM_029_B1_C05		ZM_029_B1_C05_MR
32973	ZM_029_B1_C06	ZM_029_B1_C06_T7	
32974	ZM_029_B1_C07		ZM_029_B1_C07_MR
32975	ZM_029_B1_C08	ZM_029_B1_C08_T7	
32976	ZM_029_B1_C08		ZM_029_B1_C08_MR
32977	ZM_029_B1_C09		ZM_029_B1_C09_MR
32978	ZM_029_B1_C10	ZM_029_B1_C10_T7	
32979	ZM_029_B1_C10		ZM_029_B1_C10_MR
32980	ZM_029_B1_C11	ZM_029_B1_C11_T7	
32981	ZM_029_B1_C11		ZM_029_B1_C11_MR
32982	ZM_029_B1_C12		ZM_029_B1_C12_MR
32983	ZM_029_B1_D01	ZM_029_B1_D01_T7	
32984	ZM_029_B1_D01		ZM_029_B1_D01_MR
32985	ZM_029_B1_D02	ZM_029_B1_D02_T7	
32986	ZM_029_B1_D02		ZM_029_B1_D02_MR
32987	ZM_029_B1_D03	ZM_029_B1_D03_T7	
32988	ZM_029_B1_D03		ZM_029_B1_D03_MR
32989	ZM_029_B1_D04	ZM_029_B1_D04_T7	
32990	ZM_029_B1_D04		ZM_029_B1_D04_MR
32991	ZM_029_B1_D05	ZM_029_B1_D05_T7	
32992	ZM_029_B1_D05		ZM_029_B1_D05_MR
32993	ZM_029_B1_D06	ZM_029_B1_D06_T7	
32994	ZM_029_B1_D07	ZM_029_B1_D07_T7	
32995	ZM_029_B1_D07		ZM_029_B1_D07_MR
32996	ZM_029_B1_D08	ZM_029_B1_D08_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
32997	ZM_029_B1_D08		ZM_029_B1_D08_MR
32998	ZM_029_B1_D09	ZM_029_B1_D09_T7	
32999	ZM_029_B1_D09		ZM_029_B1_D09_MR
33000	ZM_029_B1_D10	ZM_029_B1_D10_T7	
33001	ZM_029_B1_D10		ZM_029_B1_D10_MR
33002	ZM_029_B1_D11	ZM_029_B1_D11_T7	
33003	ZM_029_B1_D11		ZM_029_B1_D11_MR
33004	ZM_029_B1_D12	ZM_029_B1_D12_T7	
33005	ZM_029_B1_D12		ZM_029_B1_D12_MR
33006	ZM_029_B1_E01	ZM_029_B1_E01_T7	
33007	ZM_029_B1_E01		ZM_029_B1_E01_MR
33008	ZM_029_B1_E02	ZM_029_B1_E02_T7	
33009	ZM_029_B1_E02		ZM_029_B1_E02_MR
33010	ZM_029_B1_E03	ZM_029_B1_E03_T7	
33011	ZM_029_B1_E04		ZM_029_B1_E04_MR
33012	ZM_029_B1_E05	ZM_029_B1_E05_T7	
33013	ZM_029_B1_E05		ZM_029_B1_E05_MR
33014	ZM_029_B1_E07	ZM_029_B1_E07_T7	
33015	ZM_029_B1_E07		ZM_029_B1_E07_MR
33016	ZM_029_B1_E08	ZM_029_B1_E08_T7	
33017	ZM_029_B1_E08		ZM_029_B1_E08_MR
33018	ZM_029_B1_E09	ZM_029_B1_E09_T7	
33019	ZM_029_B1_E09		ZM_029_B1_E09_MR
33020	ZM_029_B1_E10	ZM_029_B1_E10_T7	
33021	ZM_029_B1_E10		ZM_029_B1_E10_MR
33022	ZM_029_B1_E11	ZM_029_B1_E11_T7	
33023	ZM_029_B1_E11		ZM_029_B1_E11_MR
33024	ZM_029_B1_E12	ZM_029_B1_E12_T7	
33025	ZM_029_B1_E12		ZM_029_B1_E12_MR
33026	ZM_029_B1_F01	ZM_029_B1_F01_T7	
33027	ZM_029_B1_F01		ZM_029_B1_F01_MR
33028	ZM_029_B1_F02	ZM_029_B1_F02_T7	
33029	ZM_029_B1_F02		ZM_029_B1_F02_MR
33030	ZM_029_B1_F03	ZM_029_B1_F03_T7	
33031	ZM_029_B1_F04	ZM_029_B1_F04_T7	ZM_029_B1_F04
	ZM_029_B1_F04_MR		
33033	ZM_029_B1_F05	ZM_029_B1_F05_T7	
33034	ZM_029_B1_F05		ZM_029_B1_F05_MR
33035	ZM_029_B1_F06	ZM_029_B1_F06_T7	
33036	ZM_029_B1_F06		ZM_029_B1_F06_MR
33037	ZM_029_B1_F07	ZM_029_B1_F07_T7	
33038	ZM_029_B1_F07		ZM_029_B1_F07_MR
33039	ZM_029_B1_F08	ZM_029_B1_F08_T7	
33040	ZM_029_B1_F08		ZM_029_B1_F08_MR
33041	ZM_029_B1_F09	ZM_029_B1_F09_T7	
33042	ZM_029_B1_F10	ZM_029_B1_F10_T7	
33043	ZM_029_B1_F10		ZM_029_B1_F10_MR
33044	ZM_029_B1_F11	ZM_029_B1_F11_T7	
33045	ZM_029_B1_F11		ZM_029_B1_F11_MR
33046	ZM_029_B1_F12	ZM_029_B1_F12_T7	
33047	ZM_029_B1_F12		ZM_029_B1_F12_MR
33048	ZM_029_B1_G01	ZM_029_B1_G01_T7	
33049	ZM_029_B1_G01		ZM_029_B1_G01_MR
33050	ZM_029_B1_G02	ZM_029_B1_G02_T7	
33051	ZM_029_B1_G02		ZM_029_B1_G02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33052	ZM_029_B1_G03		ZM_029_B1_G03_MR
33053	ZM_029_B1_G04	ZM_029_B1_G04_T7	
33054	ZM_029_B1_G05		ZM_029_B1_G05_MR
33055	ZM_029_B1_G06		ZM_029_B1_G06_MR
33056	ZM_029_B1_G07	ZM_029_B1_G07_T7	
33057	ZM_029_B1_G07		ZM_029_B1_G07_MR
33058	ZM_029_B1_G08	ZM_029_B1_G08_T7	
33059	ZM_029_B1_G08		ZM_029_B1_G08_MR
33060	ZM_029_B1_G09	ZM_029_B1_G09_T7	
33061	ZM_029_B1_G09		ZM_029_B1_G09_MR
33062	ZM_029_B1_G10	ZM_029_B1_G10_T7	
33063	ZM_029_B1_G10		ZM_029_B1_G10_MR
33064	ZM_029_B1_G11	ZM_029_B1_G11_T7	
33065	ZM_029_B1_G11		ZM_029_B1_G11_MR
33066	ZM_029_B1_G12	ZM_029_B1_G12_T7	
33067	ZM_029_B1_G12		ZM_029_B1_G12_MR
33068	ZM_029_B1_H01	ZM_029_B1_H01_T7	
33069	ZM_029_B1_H01		ZM_029_B1_H01_MR
33070	ZM_029_B1_H02	ZM_029_B1_H02_T7	
33071	ZM_029_B1_H02		ZM_029_B1_H02_MR
33072	ZM_029_B1_H03	ZM_029_B1_H03_T7	
33073	ZM_029_B1_H03		ZM_029_B1_H03_MR
33074	ZM_029_B1_H04	ZM_029_B1_H04_T7	
33075	ZM_029_B1_H04		ZM_029_B1_H04_MR
33076	ZM_029_B1_H05		ZM_029_B1_H05_MR
33077	ZM_029_B1_H06		ZM_029_B1_H06_MR
33078	ZM_029_B1_H07	ZM_029_B1_H07_T7	
33079	ZM_029_B1_H07		ZM_029_B1_H07_MR
33080	ZM_029_B1_H08	ZM_029_B1_H08_T7	
33081	ZM_029_B1_H08		ZM_029_B1_H08_MR
33082	ZM_029_B1_H09	ZM_029_B1_H09_T7	
33083	ZM_029_B1_H09		ZM_029_B1_H09_MR
33084	ZM_029_B1_H10	ZM_029_B1_H10_T7	
33085	ZM_029_B1_H11	ZM_029_B1_H11_T7	
33086	ZM_029_B2_A01		ZM_029_B2_A01_MR
33087	ZM_029_B2_A02	ZM_029_B2_A02_T7	
33088	ZM_029_B2_A03	ZM_029_B2_A03_T7	
33089	ZM_029_B2_A04	ZM_029_B2_A04_T7	
33090	ZM_029_B2_A04		ZM_029_B2_A04_MR
33091	ZM_029_B2_A05	ZM_029_B2_A05_T7	
33092	ZM_029_B2_A05		ZM_029_B2_A05_MR
33093	ZM_029_B2_A06	ZM_029_B2_A06_T7	
33094	ZM_029_B2_A06		ZM_029_B2_A06_MR
33095	ZM_029_B2_A08	ZM_029_B2_A08_T7	
33096	ZM_029_B2_A08		ZM_029_B2_A08_MR
33097	ZM_029_B2_A09	ZM_029_B2_A09_T7	
33098	ZM_029_B2_A09		ZM_029_B2_A09_MR
33099	ZM_029_B2_A10	ZM_029_B2_A10_T7	
33100	ZM_029_B2_A10		ZM_029_B2_A10_MR
33101	ZM_029_B2_A11	ZM_029_B2_A11_T7	
33102	ZM_029_B2_A11		ZM_029_B2_A11_MR
33103	ZM_029_B2_A12	ZM_029_B2_A12_T7	
33104	ZM_029_B2_A12		ZM_029_B2_A12_MR
33105	ZM_029_B2_B01		ZM_029_B2_B01_MR
33106	ZM_029_B2_B02	ZM_029_B2_B02_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33107	ZM_029_B2_B02		ZM_029_B2_B02_MR
33108	ZM_029_B2_B03	ZM_029_B2_B03_T7	
33109	ZM_029_B2_B03		ZM_029_B2_B03_MR
33110	ZM_029_B2_B04	ZM_029_B2_B04_T7	
33111	ZM_029_B2_B04		ZM_029_B2_B04_MR
33112	ZM_029_B2_B05	ZM_029_B2_B05_T7	
33113	ZM_029_B2_B05		ZM_029_B2_B05_MR
33114	ZM_029_B2_B06	ZM_029_B2_B06_T7	
33115	ZM_029_B2_B06		ZM_029_B2_B06_MR
33116	ZM_029_B2_B07	ZM_029_B2_B07_T7	
33117	ZM_029_B2_B07		ZM_029_B2_B07_MR
33118	ZM_029_B2_B08	ZM_029_B2_B08_T7	
33119	ZM_029_B2_B09	ZM_029_B2_B09_T7	
33120	ZM_029_B2_B10	ZM_029_B2_B10_T7	
33121	ZM_029_B2_B10		ZM_029_B2_B10_MR
33122	ZM_029_B2_B11	ZM_029_B2_B11_T7	
33123	ZM_029_B2_B12	ZM_029_B2_B12_T7	
33124	ZM_029_B2_B12		ZM_029_B2_B12_MR
33125	ZM_029_B2_C01		ZM_029_B2_C01_MR
33126	ZM_029_B2_C02	ZM_029_B2_C02_T7	
33127	ZM_029_B2_C02		ZM_029_B2_C02_MR
33128	ZM_029_B2_C03	ZM_029_B2_C03_T7	
33129	ZM_029_B2_C03		ZM_029_B2_C03_MR
33130	ZM_029_B2_C04	ZM_029_B2_C04_T7	
33131	ZM_029_B2_C05	ZM_029_B2_C05_T7	
33132	ZM_029_B2_C05		ZM_029_B2_C05_MR
33133	ZM_029_B2_C06	ZM_029_B2_C06_T7	
33134	ZM_029_B2_C07	ZM_029_B2_C07_T7	
33135	ZM_029_B2_C07		ZM_029_B2_C07_MR
33136	ZM_029_B2_C08	ZM_029_B2_C08_T7	
33137	ZM_029_B2_C08		ZM_029_B2_C08_MR
33138	ZM_029_B2_C09	ZM_029_B2_C09_T7	
33139	ZM_029_B2_C09		ZM_029_B2_C09_MR
33140	ZM_029_B2_C10	ZM_029_B2_C10_T7	
33141	ZM_029_B2_C10		ZM_029_B2_C10_MR
33142	ZM_029_B2_C11	ZM_029_B2_C11_T7	
33143	ZM_029_B2_C11		ZM_029_B2_C11_MR
33144	ZM_029_B2_C12	ZM_029_B2_C12_T7	
33145	ZM_029_B2_C12		ZM_029_B2_C12_MR
33146	ZM_029_B2_D02	ZM_029_B2_D02_T7	
33147	ZM_029_B2_D02		ZM_029_B2_D02_MR
33148	ZM_029_B2_D03	ZM_029_B2_D03_T7	
33149	ZM_029_B2_D03		ZM_029_B2_D03_MR
33150	ZM_029_B2_D04	ZM_029_B2_D04_T7	
33151	ZM_029_B2_D04		ZM_029_B2_D04_MR
33152	ZM_029_B2_D05	ZM_029_B2_D05_T7	
33153	ZM_029_B2_D05		ZM_029_B2_D05_MR
33154	ZM_029_B2_D06	ZM_029_B2_D06_T7	
33155	ZM_029_B2_D06		ZM_029_B2_D06_MR
33156	ZM_029_B2_D07	ZM_029_B2_D07_T7	
33157	ZM_029_B2_D07		ZM_029_B2_D07_MR
33158	ZM_029_B2_D08	ZM_029_B2_D08_T7	
33159	ZM_029_B2_D08		ZM_029_B2_D08_MR
33160	ZM_029_B2_D10	ZM_029_B2_D10_T7	
33161	ZM_029_B2_D10		ZM_029_B2_D10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33162	ZM_029_B2_D11	ZM_029_B2_D11_T7	
33163	ZM_029_B2_D11		ZM_029_B2_D11_MR
33164	ZM_029_B2_D12	ZM_029_B2_D12_T7	
33165	ZM_029_B2_D12		ZM_029_B2_D12_MR
33166	ZM_029_B2_E01		ZM_029_B2_E01_MR
33167	ZM_029_B2_E02	ZM_029_B2_E02_T7	
33168	ZM_029_B2_E02		ZM_029_B2_E02_MR
33169	ZM_029_B2_E03	ZM_029_B2_E03_T7	
33170	ZM_029_B2_E03		ZM_029_B2_E03_MR
33171	ZM_029_B2_E04	ZM_029_B2_E04_T7	
33172	ZM_029_B2_E04		ZM_029_B2_E04_MR
33173	ZM_029_B2_E05	ZM_029_B2_E05_T7	
33174	ZM_029_B2_E05		ZM_029_B2_E05_MR
33175	ZM_029_B2_E06		ZM_029_B2_E06_MR
33176	ZM_029_B2_E07	ZM_029_B2_E07_T7	
33177	ZM_029_B2_E07		ZM_029_B2_E07_MR
33178	ZM_029_B2_E08	ZM_029_B2_E08_T7	
33179	ZM_029_B2_E08		ZM_029_B2_E08_MR
33180	ZM_029_B2_E09	ZM_029_B2_E09_T7	
33181	ZM_029_B2_E09		ZM_029_B2_E09_MR
33182	ZM_029_B2_E10	ZM_029_B2_E10_T7	
33183	ZM_029_B2_E10		ZM_029_B2_E10_MR
33184	ZM_029_B2_E11		ZM_029_B2_E11_MR
33185	ZM_029_B2_E12	ZM_029_B2_E12_T7	
33186	ZM_029_B2_E12		ZM_029_B2_E12_MR
33187	ZM_029_B2_F01		ZM_029_B2_F01_MR
33188	ZM_029_B2_F02		ZM_029_B2_F02_MR
33189	ZM_029_B2_F03	ZM_029_B2_F03_T7	
33190	ZM_029_B2_F03		ZM_029_B2_F03_MR
33191	ZM_029_B2_F04	ZM_029_B2_F04_T7	
33192	ZM_029_B2_F04		ZM_029_B2_F04_MR
33193	ZM_029_B2_F05		ZM_029_B2_F05_MR
33194	ZM_029_B2_F06	ZM_029_B2_F06_T7	
33195	ZM_029_B2_F06		ZM_029_B2_F06_MR
33196	ZM_029_B2_F07	ZM_029_B2_F07_T7	
33197	ZM_029_B2_F07		ZM_029_B2_F07_MR
33198	ZM_029_B2_F08	ZM_029_B2_F08_T7	
33199	ZM_029_B2_F08		ZM_029_B2_F08_MR
33200	ZM_029_B2_F09	ZM_029_B2_F09_T7	
33201	ZM_029_B2_F09		ZM_029_B2_F09_MR
33202	ZM_029_B2_F10	ZM_029_B2_F10_T7	
33203	ZM_029_B2_F10		ZM_029_B2_F10_MR
33204	ZM_029_B2_F11	ZM_029_B2_F11_T7	
33205	ZM_029_B2_F11		ZM_029_B2_F11_MR
33206	ZM_029_B2_F12	ZM_029_B2_F12_T7	
33207	ZM_029_B2_F12		ZM_029_B2_F12_MR
33208	ZM_029_B2_G02	ZM_029_B2_G02_T7	
33209	ZM_029_B2_G02		ZM_029_B2_G02_MR
33210	ZM_029_B2_G03	ZM_029_B2_G03_T7	
33211	ZM_029_B2_G03		ZM_029_B2_G03_MR
33212	ZM_029_B2_G04	ZM_029_B2_G04_T7	
33213	ZM_029_B2_G04		ZM_029_B2_G04_MR
33214	ZM_029_B2_G05	ZM_029_B2_G05_T7	
33215	ZM_029_B2_G05		ZM_029_B2_G05_MR
33216	ZM_029_B2_G06	ZM_029_B2_G06_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33217	ZM_029_B2_G06		ZM_029_B2_G06_MR
33218	ZM_029_B2_G08	ZM_029_B2_G08_T7	
33219	ZM_029_B2_G08		ZM_029_B2_G08_MR
33220	ZM_029_B2_G09	ZM_029_B2_G09_T7	
33221	ZM_029_B2_G09		ZM_029_B2_G09_MR
33222	ZM_029_B2_G10	ZM_029_B2_G10_T7	
33223	ZM_029_B2_G10		ZM_029_B2_G10_MR
33224	ZM_029_B2_G12	ZM_029_B2_G12_T7	
33225	ZM_029_B2_G12		ZM_029_B2_G12_MR
33226	ZM_029_B2_H02	ZM_029_B2_H02_T7	
33227	ZM_029_B2_H02		ZM_029_B2_H02_MR
33228	ZM_029_B2_H03	ZM_029_B2_H03_T7	
33229	ZM_029_B2_H03		ZM_029_B2_H03_MR
33230	ZM_029_B2_H04		ZM_029_B2_H04_MR
33231	ZM_029_B2_H05	ZM_029_B2_H05_T7	
33232	ZM_029_B2_H05		ZM_029_B2_H05_MR
33233	ZM_029_B2_H06	ZM_029_B2_H06_T7	
33234	ZM_029_B2_H06		ZM_029_B2_H06_MR
33235	ZM_029_B2_H07	ZM_029_B2_H07_T7	
33236	ZM_029_B2_H07		ZM_029_B2_H07_MR
33237	ZM_029_B2_H08	ZM_029_B2_H08_T7	
33238	ZM_029_B2_H08		ZM_029_B2_H08_MR
33239	ZM_029_B2_H10	ZM_029_B2_H10_T7	
33240	ZM_029_B2_H10		ZM_029_B2_H10_MR
33241	ZM_029_B2_H11	ZM_029_B2_H11_T7	
33242	ZM_029_B2_H11		ZM_029_B2_H11_MR
33243	ZM_029_B2_H12	ZM_029_B2_H12_T7	
33244	ZM_029_B2_H12		ZM_029_B2_H12_MR
33245	ZM_030_A1_A01	ZM_030_A1_A01_T7C	
33246	ZM_030_A1_A07		ZM_030_A1_A07_MR
33247	ZM_030_A1_A09		ZM_030_A1_A09_MR
33248	ZM_030_A1_A10	ZM_030_A1_A10_T7C	
33249	ZM_030_A1_B01	ZM_030_A1_B01_T7C	
33250	ZM_030_A1_B01		ZM_030_A1_B01_MR
33251	ZM_030_A1_B05	ZM_030_A1_B05_T7C	
33252	ZM_030_A1_B06		ZM_030_A1_B06_MR
33253	ZM_030_A1_B08	ZM_030_A1_B08_T7C	
33254	ZM_030_A1_B09	ZM_030_A1_B09_T7C	
33255	ZM_030_A1_B10	ZM_030_A1_B10_T7C	
33256	ZM_030_A1_B10		ZM_030_A1_B10_MR
33257	ZM_030_A1_B11	ZM_030_A1_B11_T7C	
33258	ZM_030_A1_B12	ZM_030_A1_B12_T7C	
33259	ZM_030_A1_C03		ZM_030_A1_C03_MR
33260	ZM_030_A1_C04		ZM_030_A1_C04_MR
33261	ZM_030_A1_C07	ZM_030_A1_C07_T7C	
33262	ZM_030_A1_C08	ZM_030_A1_C08_T7C	
33263	ZM_030_A1_C08		ZM_030_A1_C08_MR
33264	ZM_030_A1_C09	ZM_030_A1_C09_T7C	
33265	ZM_030_A1_C09		ZM_030_A1_C09_MR
33266	ZM_030_A1_C10		ZM_030_A1_C10_MR
33267	ZM_030_A1_D05	ZM_030_A1_D05_T7C	
33268	ZM_030_A1_D07		ZM_030_A1_D07_MR
33269	ZM_030_A1_D09		ZM_030_A1_D09_MR
33270	ZM_030_A1_D10	ZM_030_A1_D10_T7C	
33271	ZM_030_A1_D12	ZM_030_A1_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33272	ZM_030_A1_E02		ZM_030_A1_E02_MR
33273	ZM_030_A1_E03		ZM_030_A1_E03_MR
33274	ZM_030_A1_E06		ZM_030_A1_E06_MR
33275	ZM_030_A1_E08	ZM_030_A1_E08_T7C	
33276	ZM_030_A1_E08		ZM_030_A1_E08_MR
33277	ZM_030_A1_E10		ZM_030_A1_E10_MR
33278	ZM_030_A1_F10	ZM_030_A1_F10_T7C	
33279	ZM_030_A1_G02	ZM_030_A1_G02_T7C	
33280	ZM_030_A1_G03		ZM_030_A1_G03_MR
33281	ZM_030_A1_G04		ZM_030_A1_G04_MR
33282	ZM_030_A1_G09	ZM_030_A1_G09_T7C	
33283	ZM_030_A1_G09		ZM_030_A1_G09_MR
33284	ZM_030_A1_G10	ZM_030_A1_G10_T7C	
33285	ZM_030_A1_G11		ZM_030_A1_G11_MR
33286	ZM_030_A1_H03	ZM_030_A1_H03_T7C	
33287	ZM_030_A1_H04	ZM_030_A1_H04_T7C	
33288	ZM_030_A1_H05	ZM_030_A1_H05_T7C	
33289	ZM_030_A1_H06	ZM_030_A1_H06_T7C	
33290	ZM_030_A1_H06		ZM_030_A1_H06_MR
33291	ZM_030_A1_H10	ZM_030_A1_H10_T7C	
33292	ZM_030_A1_H10		ZM_030_A1_H10_MR
33293	ZM_030_A2_A03		ZM_030_A2_A03_MR
33294	ZM_030_A2_A04		ZM_030_A2_A04_MR
33295	ZM_030_A2_A05		ZM_030_A2_A05_MR
33296	ZM_030_A2_A06		ZM_030_A2_A06_MR
33297	ZM_030_A2_A07		ZM_030_A2_A07_MR
33298	ZM_030_A2_A08		ZM_030_A2_A08_MR
33299	ZM_030_A2_A09		ZM_030_A2_A09_MR
33300	ZM_030_A2_A12		ZM_030_A2_A12_MR
33301	ZM_030_A2_B01		ZM_030_A2_B01_MR
33302	ZM_030_A2_B02		ZM_030_A2_B02_MR
33303	ZM_030_A2_B03		ZM_030_A2_B03_MR
33304	ZM_030_A2_B04		ZM_030_A2_B04_MR
33305	ZM_030_A2_B05		ZM_030_A2_B05_MR
33306	ZM_030_A2_B06		ZM_030_A2_B06_MR
33307	ZM_030_A2_B07		ZM_030_A2_B07_MR
33308	ZM_030_A2_B08		ZM_030_A2_B08_MR
33309	ZM_030_A2_B10		ZM_030_A2_B10_MR
33310	ZM_030_A2_B12		ZM_030_A2_B12_MR
33311	ZM_030_A2_C01		ZM_030_A2_C01_MR
33312	ZM_030_A2_C02		ZM_030_A2_C02_MR
33313	ZM_030_A2_C03		ZM_030_A2_C03_MR
33314	ZM_030_A2_C04		ZM_030_A2_C04_MR
33315	ZM_030_A2_C05		ZM_030_A2_C05_MR
33316	ZM_030_A2_C06		ZM_030_A2_C06_MR
33317	ZM_030_A2_C07		ZM_030_A2_C07_MR
33318	ZM_030_A2_C08		ZM_030_A2_C08_MR
33319	ZM_030_A2_C09		ZM_030_A2_C09_MR
33320	ZM_030_A2_C12		ZM_030_A2_C12_MR
33321	ZM_030_A2_D01		ZM_030_A2_D01_MR
33322	ZM_030_A2_D02		ZM_030_A2_D02_MR
33323	ZM_030_A2_D03		ZM_030_A2_D03_MR
33324	ZM_030_A2_D04		ZM_030_A2_D04_MR
33325	ZM_030_A2_D05		ZM_030_A2_D05_MR
33326	ZM_030_A2_D06		ZM_030_A2_D06_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33327	ZM_030_A2_D08		ZM_030_A2_D08_MR
33328	ZM_030_A2_D09		ZM_030_A2_D09_MR
33329	ZM_030_A2_D10		ZM_030_A2_D10_MR
33330	ZM_030_A2_D12		ZM_030_A2_D12_MR
33331	ZM_030_A2_E01		ZM_030_A2_E01_MR
33332	ZM_030_A2_E02		ZM_030_A2_E02_MR
33333	ZM_030_A2_E03		ZM_030_A2_E03_MR
33334	ZM_030_A2_E04		ZM_030_A2_E04_MR
33335	ZM_030_A2_E07		ZM_030_A2_E07_MR
33336	ZM_030_A2_E09		ZM_030_A2_E09_MR
33337	ZM_030_A2_E10		ZM_030_A2_E10_MR
33338	ZM_030_A2_E11		ZM_030_A2_E11_MR
33339	ZM_030_A2_E12		ZM_030_A2_E12_MR
33340	ZM_030_A2_F01		ZM_030_A2_F01_MR
33341	ZM_030_A2_F02		ZM_030_A2_F02_MR
33342	ZM_030_A2_F04		ZM_030_A2_F04_MR
33343	ZM_030_A2_F05		ZM_030_A2_F05_MR
33344	ZM_030_A2_F07		ZM_030_A2_F07_MR
33345	ZM_030_A2_F12		ZM_030_A2_F12_MR
33346	ZM_030_A2_G01		ZM_030_A2_G01_MR
33347	ZM_030_A2_G03		ZM_030_A2_G03_MR
33348	ZM_030_A2_G04		ZM_030_A2_G04_MR
33349	ZM_030_A2_G06		ZM_030_A2_G06_MR
33350	ZM_030_A2_G07		ZM_030_A2_G07_MR
33351	ZM_030_A2_G08		ZM_030_A2_G08_MR
33352	ZM_030_A2_G09		ZM_030_A2_G09_MR
33353	ZM_030_A2_G10		ZM_030_A2_G10_MR
33354	ZM_030_A2_G11		ZM_030_A2_G11_MR
33355	ZM_030_A2_G12		ZM_030_A2_G12_MR
33356	ZM_030_A2_H02		ZM_030_A2_H02_MR
33357	ZM_030_A2_H03		ZM_030_A2_H03_MR
33358	ZM_030_A2_H04		ZM_030_A2_H04_MR
33359	ZM_030_A2_H05		ZM_030_A2_H05_MR
33360	ZM_030_A2_H06		ZM_030_A2_H06_MR
33361	ZM_030_A2_H07		ZM_030_A2_H07_MR
33362	ZM_030_A2_H08		ZM_030_A2_H08_MR
33363	ZM_030_A2_H10		ZM_030_A2_H10_MR
33364	ZM_030_A2_H11		ZM_030_A2_H11_MR
33365	ZM_030_A2_H12		ZM_030_A2_H12_MR
33366	ZM_030_B1_A01	ZM_030_B1_A01_T7	
33367	ZM_030_B1_A01		ZM_030_B1_A01_MR
33368	ZM_030_B1_A03	ZM_030_B1_A03_T7	
33369	ZM_030_B1_A03		ZM_030_B1_A03_MR
33370	ZM_030_B1_A04	ZM_030_B1_A04_T7	
33371	ZM_030_B1_A05	ZM_030_B1_A05_T7	
33372	ZM_030_B1_A05		ZM_030_B1_A05_MR
33373	ZM_030_B1_A06		ZM_030_B1_A06_MR
33374	ZM_030_B1_A07	ZM_030_B1_A07_T7	
33375	ZM_030_B1_A07		ZM_030_B1_A07_MR
33376	ZM_030_B1_A08	ZM_030_B1_A08_T7	
33377	ZM_030_B1_A08		ZM_030_B1_A08_MR
33378	ZM_030_B1_A09	ZM_030_B1_A09_T7	
33379	ZM_030_B1_A09		ZM_030_B1_A09_MR
33380	ZM_030_B1_A10	ZM_030_B1_A10_T7	
33381	ZM_030_B1_A10		ZM_030_B1_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33382	ZM_030_B1_A11	ZM_030_B1_A11_T7	
33383	ZM_030_B1_A11		ZM_030_B1_A11_MR
33384	ZM_030_B1_A12	ZM_030_B1_A12_T7	
33385	ZM_030_B1_A12		ZM_030_B1_A12_MR
33386	ZM_030_B1_B01	ZM_030_B1_B01_T7	
33387	ZM_030_B1_B01		ZM_030_B1_B01_MR
33388	ZM_030_B1_B02	ZM_030_B1_B02_T7	
33389	ZM_030_B1_B02		ZM_030_B1_B02_MR
33390	ZM_030_B1_B03	ZM_030_B1_B03_T7	
33391	ZM_030_B1_B03		ZM_030_B1_B03_MR
33392	ZM_030_B1_B04	ZM_030_B1_B04_T7	
33393	ZM_030_B1_B04		ZM_030_B1_B04_MR
33394	ZM_030_B1_B05	ZM_030_B1_B05_T7	
33395	ZM_030_B1_B06	ZM_030_B1_B06_T7	
33396	ZM_030_B1_B06		ZM_030_B1_B06_MR
33397	ZM_030_B1_B07	ZM_030_B1_B07_T7	
33398	ZM_030_B1_B07		ZM_030_B1_B07_MR
33399	ZM_030_B1_B08	ZM_030_B1_B08_T7	
33400	ZM_030_B1_B08		ZM_030_B1_B08_MR
33401	ZM_030_B1_B09	ZM_030_B1_B09_T7	
33402	ZM_030_B1_B09		ZM_030_B1_B09_MR
33403	ZM_030_B1_B10	ZM_030_B1_B10_T7	
33404	ZM_030_B1_B10		ZM_030_B1_B10_MR
33405	ZM_030_B1_B11	ZM_030_B1_B11_T7	
33406	ZM_030_B1_B11		ZM_030_B1_B11_MR
33407	ZM_030_B1_B12	ZM_030_B1_B12_T7	
33408	ZM_030_B1_C01	ZM_030_B1_C01_T7	
33409	ZM_030_B1_C01		ZM_030_B1_C01_MR
33410	ZM_030_B1_C02	ZM_030_B1_C02_T7	
33411	ZM_030_B1_C02		ZM_030_B1_C02_MR
33412	ZM_030_B1_C03	ZM_030_B1_C03_T7	
33413	ZM_030_B1_C03		ZM_030_B1_C03_MR
33414	ZM_030_B1_C04	ZM_030_B1_C04_T7	
33415	ZM_030_B1_C04		ZM_030_B1_C04_MR
33416	ZM_030_B1_C05	ZM_030_B1_C05_T7	
33417	ZM_030_B1_C06		ZM_030_B1_C06_MR
33418	ZM_030_B1_C07	ZM_030_B1_C07_T7	
33419	ZM_030_B1_C07		ZM_030_B1_C07_MR
33420	ZM_030_B1_C08	ZM_030_B1_C08_T7	
33421	ZM_030_B1_C08		ZM_030_B1_C08_MR
33422	ZM_030_B1_C09	ZM_030_B1_C09_T7	
33423	ZM_030_B1_C09		ZM_030_B1_C09_MR
33424	ZM_030_B1_C10	ZM_030_B1_C10_T7	
33425	ZM_030_B1_C11	ZM_030_B1_C11_T7	
33426	ZM_030_B1_C11		ZM_030_B1_C11_MR
33427	ZM_030_B1_C12	ZM_030_B1_C12_T7	
33428	ZM_030_B1_C12		ZM_030_B1_C12_MR
33429	ZM_030_B1_D04	ZM_030_B1_D04_T7	
33430	ZM_030_B1_D04		ZM_030_B1_D04_MR
33431	ZM_030_B1_D07	ZM_030_B1_D07_T7	
33432	ZM_030_B1_D07		ZM_030_B1_D07_MR
33433	ZM_030_B1_D08	ZM_030_B1_D08_T7	
33434	ZM_030_B1_D08		ZM_030_B1_D08_MR
33435	ZM_030_B1_D09	ZM_030_B1_D09_T7	
33436	ZM_030_B1_D09		ZM_030_B1_D09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33437	ZM_030_B1_D10	ZM_030_B1_D10_T7	
33438	ZM_030_B1_D10		ZM_030_B1_D10_MR
33439	ZM_030_B1_D11	ZM_030_B1_D11_T7	
33440	ZM_030_B1_D11		ZM_030_B1_D11_MR
33441	ZM_030_B1_D12	ZM_030_B1_D12_T7	
33442	ZM_030_B1_D12		ZM_030_B1_D12_MR
33443	ZM_030_B1_E01		ZM_030_B1_E01_MR
33444	ZM_030_B1_E02		ZM_030_B1_E02_MR
33445	ZM_030_B1_E03	ZM_030_B1_E03_T7	
33446	ZM_030_B1_E04	ZM_030_B1_E04_T7	
33447	ZM_030_B1_E05	ZM_030_B1_E05_T7	
33448	ZM_030_B1_E05		ZM_030_B1_E05_MR
33449	ZM_030_B1_E06	ZM_030_B1_E06_T7	
33450	ZM_030_B1_E06		ZM_030_B1_E06_MR
33451	ZM_030_B1_E07	ZM_030_B1_E07_T7	
33452	ZM_030_B1_E07		ZM_030_B1_E07_MR
33453	ZM_030_B1_E08	ZM_030_B1_E08_T7	
33454	ZM_030_B1_E08		ZM_030_B1_E08_MR
33455	ZM_030_B1_E09	ZM_030_B1_E09_T7	
33456	ZM_030_B1_E09		ZM_030_B1_E09_MR
33457	ZM_030_B1_E10	ZM_030_B1_E10_T7	
33458	ZM_030_B1_E10		ZM_030_B1_E10_MR
33459	ZM_030_B1_E11	ZM_030_B1_E11_T7	
33460	ZM_030_B1_E11		ZM_030_B1_E11_MR
33461	ZM_030_B1_E12	ZM_030_B1_E12_T7	
33462	ZM_030_B1_E12		ZM_030_B1_E12_MR
33463	ZM_030_B1_F01	ZM_030_B1_F01_T7	
33464	ZM_030_B1_F01		ZM_030_B1_F01_MR
33465	ZM_030_B1_F02	ZM_030_B1_F02_T7	
33466	ZM_030_B1_F02		ZM_030_B1_F02_MR
33467	ZM_030_B1_F03	ZM_030_B1_F03_T7	
33468	ZM_030_B1_F03		ZM_030_B1_F03_MR
33469	ZM_030_B1_F04	ZM_030_B1_F04_T7	
33470	ZM_030_B1_F04		ZM_030_B1_F04_MR
33471	ZM_030_B1_F05	ZM_030_B1_F05_T7	
33472	ZM_030_B1_F06	ZM_030_B1_F06_T7	
33473	ZM_030_B1_F06		ZM_030_B1_F06_MR
33474	ZM_030_B1_F07	ZM_030_B1_F07_T7	
33475	ZM_030_B1_F07		ZM_030_B1_F07_MR
33476	ZM_030_B1_F08	ZM_030_B1_F08_T7	
33477	ZM_030_B1_F08		ZM_030_B1_F08_MR
33478	ZM_030_B1_F09	ZM_030_B1_F09_T7	
33479	ZM_030_B1_F09		ZM_030_B1_F09_MR
33480	ZM_030_B1_F10	ZM_030_B1_F10_T7	
33481	ZM_030_B1_F12	ZM_030_B1_F12_T7	
33482	ZM_030_B1_F12		ZM_030_B1_F12_MR
33483	ZM_030_B1_G01	ZM_030_B1_G01_T7	
33484	ZM_030_B1_G01		ZM_030_B1_G01_MR
33485	ZM_030_B1_G02	ZM_030_B1_G02_T7	
33486	ZM_030_B1_G02		ZM_030_B1_G02_MR
33487	ZM_030_B1_G03	ZM_030_B1_G03_T7	
33488	ZM_030_B1_G03		ZM_030_B1_G03_MR
33489	ZM_030_B1_G04	ZM_030_B1_G04_T7	
33490	ZM_030_B1_G05		ZM_030_B1_G05_MR
33491	ZM_030_B1_G06	ZM_030_B1_G06_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33492	ZM_030_B1_G06		ZM_030_B1_G06_MR
33493	ZM_030_B1_G07	ZM_030_B1_G07_T7	
33494	ZM_030_B1_G07		ZM_030_B1_G07_MR
33495	ZM_030_B1_G08	ZM_030_B1_G08_T7	
33496	ZM_030_B1_G08		ZM_030_B1_G08_MR
33497	ZM_030_B1_G09	ZM_030_B1_G09_T7	
33498	ZM_030_B1_G09		ZM_030_B1_G09_MR
33499	ZM_030_B1_G10	ZM_030_B1_G10_T7	
33500	ZM_030_B1_G10		ZM_030_B1_G10_MR
33501	ZM_030_B1_G11	ZM_030_B1_G11_T7	
33502	ZM_030_B1_G11		ZM_030_B1_G11_MR
33503	ZM_030_B1_G12	ZM_030_B1_G12_T7	
33504	ZM_030_B1_G12		ZM_030_B1_G12_MR
33505	ZM_030_B1_H03	ZM_030_B1_H03_T7	
33506	ZM_030_B1_H03		ZM_030_B1_H03_MR
33507	ZM_030_B1_H04	ZM_030_B1_H04_T7	
33508	ZM_030_B1_H04		ZM_030_B1_H04_MR
33509	ZM_030_B1_H06	ZM_030_B1_H06_T7	
33510	ZM_030_B1_H06		ZM_030_B1_H06_MR
33511	ZM_030_B1_H08	ZM_030_B1_H08_T7	
33512	ZM_030_B1_H08		ZM_030_B1_H08_MR
33513	ZM_030_B1_H09	ZM_030_B1_H09_T7	
33514	ZM_030_B1_H09		ZM_030_B1_H09_MR
33515	ZM_030_B1_H10	ZM_030_B1_H10_T7	
33516	ZM_030_B1_H10		ZM_030_B1_H10_MR
33517	ZM_030_B1_H11	ZM_030_B1_H11_T7	
33518	ZM_030_B1_H11		ZM_030_B1_H11_MR
33519	ZM_030_B1_H12	ZM_030_B1_H12_T7	
33520	ZM_030_B1_H12		ZM_030_B1_H12_MR
33521	ZM_030_B2_A01		ZM_030_B2_A01_MR
33522	ZM_030_B2_A03		ZM_030_B2_A03_MR
33523	ZM_030_B2_A04		ZM_030_B2_A04_MR
33524	ZM_030_B2_A06		ZM_030_B2_A06_MR
33525	ZM_030_B2_A08		ZM_030_B2_A08_MR
33526	ZM_030_B2_A10		ZM_030_B2_A10_MR
33527	ZM_030_B2_A11		ZM_030_B2_A11_MR
33528	ZM_030_B2_A12		ZM_030_B2_A12_MR
33529	ZM_030_B2_B01		ZM_030_B2_B01_MR
33530	ZM_030_B2_B03		ZM_030_B2_B03_MR
33531	ZM_030_B2_B06		ZM_030_B2_B06_MR
33532	ZM_030_B2_B07		ZM_030_B2_B07_MR
33533	ZM_030_B2_B08		ZM_030_B2_B08_MR
33534	ZM_030_B2_B09		ZM_030_B2_B09_MR
33535	ZM_030_B2_B12		ZM_030_B2_B12_MR
33536	ZM_030_B2_C02		ZM_030_B2_C02_MR
33537	ZM_030_B2_C03		ZM_030_B2_C03_MR
33538	ZM_030_B2_C04		ZM_030_B2_C04_MR
33539	ZM_030_B2_C05		ZM_030_B2_C05_MR
33540	ZM_030_B2_C06		ZM_030_B2_C06_MR
33541	ZM_030_B2_C07		ZM_030_B2_C07_MR
33542	ZM_030_B2_C10		ZM_030_B2_C10_MR
33543	ZM_030_B2_D01		ZM_030_B2_D01_MR
33544	ZM_030_B2_D02		ZM_030_B2_D02_MR
33545	ZM_030_B2_D03		ZM_030_B2_D03_MR
33546	ZM_030_B2_D04		ZM_030_B2_D04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33547	ZM_030_B2_D05		ZM_030_B2_D05_MR
33548	ZM_030_B2_D06		ZM_030_B2_D06_MR
33549	ZM_030_B2_D07		ZM_030_B2_D07_MR
33550	ZM_030_B2_D08		ZM_030_B2_D08_MR
33551	ZM_030_B2_D09		ZM_030_B2_D09_MR
33552	ZM_030_B2_D10		ZM_030_B2_D10_MR
33553	ZM_030_B2_D12		ZM_030_B2_D12_MR
33554	ZM_030_B2_E04		ZM_030_B2_E04_MR
33555	ZM_030_B2_E06		ZM_030_B2_E06_MR
33556	ZM_030_B2_E07		ZM_030_B2_E07_MR
33557	ZM_030_B2_E08		ZM_030_B2_E08_MR
33558	ZM_030_B2_E09		ZM_030_B2_E09_MR
33559	ZM_030_B2_E10		ZM_030_B2_E10_MR
33560	ZM_030_B2_F01		ZM_030_B2_F01_MR
33561	ZM_030_B2_F02		ZM_030_B2_F02_MR
33562	ZM_030_B2_F03		ZM_030_B2_F03_MR
33563	ZM_030_B2_F04		ZM_030_B2_F04_MR
33564	ZM_030_B2_F05		ZM_030_B2_F05_MR
33565	ZM_030_B2_F07		ZM_030_B2_F07_MR
33566	ZM_030_B2_F08		ZM_030_B2_F08_MR
33567	ZM_030_B2_F09		ZM_030_B2_F09_MR
33568	ZM_030_B2_F10		ZM_030_B2_F10_MR
33569	ZM_030_B2_F12		ZM_030_B2_F12_MR
33570	ZM_030_B2_G01		ZM_030_B2_G01_MR
33571	ZM_030_B2_G02		ZM_030_B2_G02_MR
33572	ZM_030_B2_G03		ZM_030_B2_G03_MR
33573	ZM_030_B2_G04		ZM_030_B2_G04_MR
33574	ZM_030_B2_G08		ZM_030_B2_G08_MR
33575	ZM_030_B2_G09		ZM_030_B2_G09_MR
33576	ZM_030_B2_G12		ZM_030_B2_G12_MR
33577	ZM_030_B2_H01		ZM_030_B2_H01_MR
33578	ZM_030_B2_H02		ZM_030_B2_H02_MR
33579	ZM_030_B2_H04		ZM_030_B2_H04_MR
33580	ZM_030_B2_H05		ZM_030_B2_H05_MR
33581	ZM_030_B2_H09		ZM_030_B2_H09_MR
33582	ZM_030_B2_H10		ZM_030_B2_H10_MR
33583	ZM_030_B2_H11		ZM_030_B2_H11_MR
33584	ZM_030_B2_H12		ZM_030_B2_H12_MR
33585	ZM_031_A1_A01	ZM_031_A1_A01_T7C	
33586	ZM_031_A1_A01		ZM_031_A1_A01_MR
33587	ZM_031_A1_A02	ZM_031_A1_A02_T7C	
33588	ZM_031_A1_A03	ZM_031_A1_A03_T7C	
33589	ZM_031_A1_A03		ZM_031_A1_A03_MR
33590	ZM_031_A1_A04	ZM_031_A1_A04_T7C	
33591	ZM_031_A1_A05	ZM_031_A1_A05_T7C	
33592	ZM_031_A1_A06	ZM_031_A1_A06_T7C	
33593	ZM_031_A1_A07	ZM_031_A1_A07_T7C	
33594	ZM_031_A1_A07		ZM_031_A1_A07_MR
33595	ZM_031_A1_A08	ZM_031_A1_A08_T7C	
33596	ZM_031_A1_A10	ZM_031_A1_A10_T7C	
33597	ZM_031_A1_A10		ZM_031_A1_A10_MR
33598	ZM_031_A1_A11	ZM_031_A1_A11_T7C	
33599	ZM_031_A1_A12	ZM_031_A1_A12_T7C	
33600	ZM_031_A1_A12		ZM_031_A1_A12_MR
33601	ZM_031_A1_B01	ZM_031_A1_B01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33602	ZM_031_A1_B02	ZM_031_A1_B02_T7C	
33603	ZM_031_A1_B03	ZM_031_A1_B03_T7C	
33604	ZM_031_A1_B04	ZM_031_A1_B04_T7C	
33605	ZM_031_A1_B05	ZM_031_A1_B05_T7C	
33606	ZM_031_A1_B06	ZM_031_A1_B06_T7C	
33607	ZM_031_A1_B06		ZM_031_A1_B06_MR
33608	ZM_031_A1_B07	ZM_031_A1_B07_T7C	
33609	ZM_031_A1_B07		ZM_031_A1_B07_MR
33610	ZM_031_A1_B08	ZM_031_A1_B08_T7C	
33611	ZM_031_A1_B09	ZM_031_A1_B09_T7C	
33612	ZM_031_A1_B10	ZM_031_A1_B10_T7C	
33613	ZM_031_A1_B10		ZM_031_A1_B10_MR
33614	ZM_031_A1_B11	ZM_031_A1_B11_T7C	
33615	ZM_031_A1_B12	ZM_031_A1_B12_T7C	
33616	ZM_031_A1_B12		ZM_031_A1_B12_MR
33617	ZM_031_A1_C01	ZM_031_A1_C01_T7C	
33618	ZM_031_A1_C02	ZM_031_A1_C02_T7C	
33619	ZM_031_A1_C02		ZM_031_A1_C02_MR
33620	ZM_031_A1_C03	ZM_031_A1_C03_T7C	
33621	ZM_031_A1_C03		ZM_031_A1_C03_MR
33622	ZM_031_A1_C04	ZM_031_A1_C04_T7C	
33623	ZM_031_A1_C04		ZM_031_A1_C04_MR
33624	ZM_031_A1_C05	ZM_031_A1_C05_T7C	
33625	ZM_031_A1_C05		ZM_031_A1_C05_MR
33626	ZM_031_A1_C06	ZM_031_A1_C06_T7C	
33627	ZM_031_A1_C07	ZM_031_A1_C07_T7C	
33628	ZM_031_A1_C08	ZM_031_A1_C08_T7C	
33629	ZM_031_A1_C09	ZM_031_A1_C09_T7C	
33630	ZM_031_A1_C10	ZM_031_A1_C10_T7C	
33631	ZM_031_A1_C11	ZM_031_A1_C11_T7C	
33632	ZM_031_A1_C12	ZM_031_A1_C12_T7C	
33633	ZM_031_A1_D01		ZM_031_A1_D01_MR
33634	ZM_031_A1_D02	ZM_031_A1_D02_T7C	
33635	ZM_031_A1_D02		ZM_031_A1_D02_MR
33636	ZM_031_A1_D03	ZM_031_A1_D03_T7C	
33637	ZM_031_A1_D04	ZM_031_A1_D04_T7C	
33638	ZM_031_A1_D05	ZM_031_A1_D05_T7C	
33639	ZM_031_A1_D06	ZM_031_A1_D06_T7C	
33640	ZM_031_A1_D07	ZM_031_A1_D07_T7C	
33641	ZM_031_A1_D07		ZM_031_A1_D07_MR
33642	ZM_031_A1_D08	ZM_031_A1_D08_T7C	
33643	ZM_031_A1_D08		ZM_031_A1_D08_MR
33644	ZM_031_A1_D09	ZM_031_A1_D09_T7C	
33645	ZM_031_A1_D10	ZM_031_A1_D10_T7C	
33646	ZM_031_A1_D11	ZM_031_A1_D11_T7C	
33647	ZM_031_A1_D12	ZM_031_A1_D12_T7C	
33648	ZM_031_A1_D12		ZM_031_A1_D12_MR
33649	ZM_031_A1_E01	ZM_031_A1_E01_T7C	
33650	ZM_031_A1_E02	ZM_031_A1_E02_T7C	
33651	ZM_031_A1_E02		ZM_031_A1_E02_MR
33652	ZM_031_A1_E03	ZM_031_A1_E03_T7C	
33653	ZM_031_A1_E03		ZM_031_A1_E03_MR
33654	ZM_031_A1_E04	ZM_031_A1_E04_T7C	
33655	ZM_031_A1_E04		ZM_031_A1_E04_MR
33656	ZM_031_A1_E05	ZM_031_A1_E05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33657	ZM_031_A1_E06	ZM_031_A1_E06_T7C	
33658	ZM_031_A1_E07	ZM_031_A1_E07_T7C	
33659	ZM_031_A1_E08	ZM_031_A1_E08_T7C	
33660	ZM_031_A1_E08		ZM_031_A1_E08_MR
33661	ZM_031_A1_E09	ZM_031_A1_E09_T7C	
33662	ZM_031_A1_E09		ZM_031_A1_E09_MR
33663	ZM_031_A1_E10	ZM_031_A1_E10_T7C	
33664	ZM_031_A1_E11	ZM_031_A1_E11_T7C	
33665	ZM_031_A1_E11		ZM_031_A1_E11_MR
33666	ZM_031_A1_F01	ZM_031_A1_F01_T7C	
33667	ZM_031_A1_F01		ZM_031_A1_F01_MR
33668	ZM_031_A1_F02	ZM_031_A1_F02_T7C	
33669	ZM_031_A1_F02		ZM_031_A1_F02_MR
33670	ZM_031_A1_F03		ZM_031_A1_F03_MR
33671	ZM_031_A1_F04	ZM_031_A1_F04_T7C	
33672	ZM_031_A1_F06	ZM_031_A1_F06_T7C	
33673	ZM_031_A1_F07	ZM_031_A1_F07_T7C	
33674	ZM_031_A1_F08	ZM_031_A1_F08_T7C	
33675	ZM_031_A1_F08		ZM_031_A1_F08_MR
33676	ZM_031_A1_F09	ZM_031_A1_F09_T7C	
33677	ZM_031_A1_F10	ZM_031_A1_F10_T7C	
33678	ZM_031_A1_F11	ZM_031_A1_F11_T7C	
33679	ZM_031_A1_F11		ZM_031_A1_F11_MR
33680	ZM_031_A1_F12	ZM_031_A1_F12_T7C	
33681	ZM_031_A1_F12		ZM_031_A1_F12_MR
33682	ZM_031_A1_G01	ZM_031_A1_G01_T7C	
33683	ZM_031_A1_G02	ZM_031_A1_G02_T7C	
33684	ZM_031_A1_G03	ZM_031_A1_G03_T7C	
33685	ZM_031_A1_G03		ZM_031_A1_G03_MR
33686	ZM_031_A1_G04	ZM_031_A1_G04_T7C	
33687	ZM_031_A1_G05	ZM_031_A1_G05_T7C	
33688	ZM_031_A1_G06	ZM_031_A1_G06_T7C	
33689	ZM_031_A1_G07	ZM_031_A1_G07_T7C	
33690	ZM_031_A1_G07		ZM_031_A1_G07_MR
33691	ZM_031_A1_G08	ZM_031_A1_G08_T7C	
33692	ZM_031_A1_G09	ZM_031_A1_G09_T7C	
33693	ZM_031_A1_G09		ZM_031_A1_G09_MR
33694	ZM_031_A1_G10	ZM_031_A1_G10_T7C	
33695	ZM_031_A1_G11	ZM_031_A1_G11_T7C	
33696	ZM_031_A1_G11		ZM_031_A1_G11_MR
33697	ZM_031_A1_G12	ZM_031_A1_G12_T7C	
33698	ZM_031_A1_G12		ZM_031_A1_G12_MR
33699	ZM_031_A1_H01	ZM_031_A1_H01_T7C	
33700	ZM_031_A1_H01		ZM_031_A1_H01_MR
33701	ZM_031_A1_H02	ZM_031_A1_H02_T7C	
33702	ZM_031_A1_H03	ZM_031_A1_H03_T7C	
33703	ZM_031_A1_H04	ZM_031_A1_H04_T7C	
33704	ZM_031_A1_H04		ZM_031_A1_H04_MR
33705	ZM_031_A1_H05	ZM_031_A1_H05_T7C	
33706	ZM_031_A1_H06	ZM_031_A1_H06_T7C	
33707	ZM_031_A1_H06		ZM_031_A1_H06_MR
33708	ZM_031_A1_H07	ZM_031_A1_H07_T7C	
33709	ZM_031_A1_H08	ZM_031_A1_H08_T7C	
33710	ZM_031_A1_H09	ZM_031_A1_H09_T7C	
33711	ZM_031_A1_H10	ZM_031_A1_H10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33712	ZM_031_A1_H11	ZM_031_A1_H11_T7C	
33713	ZM_031_A1_H11		ZM_031_A1_H11_MR
33714	ZM_031_A1_H12	ZM_031_A1_H12_T7C	
33715	ZM_031_A2_A01	ZM_031_A2_A01_T7	
33716	ZM_031_A2_A01		ZM_031_A2_A01_MR
33717	ZM_031_A2_A02	ZM_031_A2_A02_T7	
33718	ZM_031_A2_A02		ZM_031_A2_A02_MR
33719	ZM_031_A2_A03	ZM_031_A2_A03_T7	
33720	ZM_031_A2_A03		ZM_031_A2_A03_MR
33721	ZM_031_A2_A04	ZM_031_A2_A04_T7	
33722	ZM_031_A2_A04		ZM_031_A2_A04_MR
33723	ZM_031_A2_A06		ZM_031_A2_A06_MR
33724	ZM_031_A2_A07		ZM_031_A2_A07_MR
33725	ZM_031_A2_A08		ZM_031_A2_A08_MR
33726	ZM_031_A2_A09	ZM_031_A2_A09_T7	
33727	ZM_031_A2_A09		ZM_031_A2_A09_MR
33728	ZM_031_A2_A10	ZM_031_A2_A10_T7	
33729	ZM_031_A2_A10		ZM_031_A2_A10_MR
33730	ZM_031_A2_A11	ZM_031_A2_A11_T7	
33731	ZM_031_A2_A11		ZM_031_A2_A11_MR
33732	ZM_031_A2_A12	ZM_031_A2_A12_T7	
33733	ZM_031_A2_A12		ZM_031_A2_A12_MR
33734	ZM_031_A2_B01	ZM_031_A2_B01_T7	
33735	ZM_031_A2_B01		ZM_031_A2_B01_MR
33736	ZM_031_A2_B02		ZM_031_A2_B02_MR
33737	ZM_031_A2_B03		ZM_031_A2_B03_MR
33738	ZM_031_A2_B04	ZM_031_A2_B04_T7	
33739	ZM_031_A2_B04		ZM_031_A2_B04_MR
33740	ZM_031_A2_B05		ZM_031_A2_B05_MR
33741	ZM_031_A2_B06	ZM_031_A2_B06_T7	
33742	ZM_031_A2_B06		ZM_031_A2_B06_MR
33743	ZM_031_A2_B07		ZM_031_A2_B07_MR
33744	ZM_031_A2_B08	ZM_031_A2_B08_T7	
33745	ZM_031_A2_B08		ZM_031_A2_B08_MR
33746	ZM_031_A2_B09		ZM_031_A2_B09_MR
33747	ZM_031_A2_B10	ZM_031_A2_B10_T7	
33748	ZM_031_A2_B10		ZM_031_A2_B10_MR
33749	ZM_031_A2_B11	ZM_031_A2_B11_T7	
33750	ZM_031_A2_B11		ZM_031_A2_B11_MR
33751	ZM_031_A2_B12	ZM_031_A2_B12_T7	
33752	ZM_031_A2_B12		ZM_031_A2_B12_MR
33753	ZM_031_A2_C01	ZM_031_A2_C01_T7	
33754	ZM_031_A2_C01		ZM_031_A2_C01_MR
33755	ZM_031_A2_C02		ZM_031_A2_C02_MR
33756	ZM_031_A2_C03	ZM_031_A2_C03_T7	
33757	ZM_031_A2_C03		ZM_031_A2_C03_MR
33758	ZM_031_A2_C04	ZM_031_A2_C04_T7	
33759	ZM_031_A2_C04		ZM_031_A2_C04_MR
33760	ZM_031_A2_C05		ZM_031_A2_C05_MR
33761	ZM_031_A2_C07		ZM_031_A2_C07_MR
33762	ZM_031_A2_C08	ZM_031_A2_C08_T7	
33763	ZM_031_A2_C08		ZM_031_A2_C08_MR
33764	ZM_031_A2_C09		ZM_031_A2_C09_MR
33765	ZM_031_A2_C10	ZM_031_A2_C10_T7	
33766	ZM_031_A2_C10		ZM_031_A2_C10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33767	ZM_031_A2_C12	ZM_031_A2_C12_T7	
33768	ZM_031_A2_C12		ZM_031_A2_C12_MR
33769	ZM_031_A2_D01	ZM_031_A2_D01_T7	
33770	ZM_031_A2_D01		ZM_031_A2_D01_MR
33771	ZM_031_A2_D02	ZM_031_A2_D02_T7	
33772	ZM_031_A2_D02		ZM_031_A2_D02_MR
33773	ZM_031_A2_D03	ZM_031_A2_D03_T7	
33774	ZM_031_A2_D03		ZM_031_A2_D03_MR
33775	ZM_031_A2_D04		ZM_031_A2_D04_MR
33776	ZM_031_A2_D05		ZM_031_A2_D05_MR
33777	ZM_031_A2_D06		ZM_031_A2_D06_MR
33778	ZM_031_A2_D07		ZM_031_A2_D07_MR
33779	ZM_031_A2_D08		ZM_031_A2_D08_MR
33780	ZM_031_A2_D09		ZM_031_A2_D09_MR
33781	ZM_031_A2_D10	ZM_031_A2_D10_T7	
33782	ZM_031_A2_D10		ZM_031_A2_D10_MR
33783	ZM_031_A2_D11	ZM_031_A2_D11_T7	
33784	ZM_031_A2_D11		ZM_031_A2_D11_MR
33785	ZM_031_A2_D12	ZM_031_A2_D12_T7	
33786	ZM_031_A2_D12		ZM_031_A2_D12_MR
33787	ZM_031_A2_E01	ZM_031_A2_E01_T7	
33788	ZM_031_A2_E01		ZM_031_A2_E01_MR
33789	ZM_031_A2_E02		ZM_031_A2_E02_MR
33790	ZM_031_A2_E03		ZM_031_A2_E03_MR
33791	ZM_031_A2_E04	ZM_031_A2_E04_T7	
33792	ZM_031_A2_E04		ZM_031_A2_E04_MR
33793	ZM_031_A2_E05	ZM_031_A2_E05_T7	
33794	ZM_031_A2_E05		ZM_031_A2_E05_MR
33795	ZM_031_A2_E06		ZM_031_A2_E06_MR
33796	ZM_031_A2_E07		ZM_031_A2_E07_MR
33797	ZM_031_A2_E08		ZM_031_A2_E08_MR
33798	ZM_031_A2_E09	ZM_031_A2_E09_T7	
33799	ZM_031_A2_E09		ZM_031_A2_E09_MR
33800	ZM_031_A2_E10	ZM_031_A2_E10_T7	
33801	ZM_031_A2_E10		ZM_031_A2_E10_MR
33802	ZM_031_A2_E11	ZM_031_A2_E11_T7	
33803	ZM_031_A2_E11		ZM_031_A2_E11_MR
33804	ZM_031_A2_E12	ZM_031_A2_E12_T7	
33805	ZM_031_A2_F01	ZM_031_A2_F01_T7	
33806	ZM_031_A2_F01		ZM_031_A2_F01_MR
33807	ZM_031_A2_F02		ZM_031_A2_F02_MR
33808	ZM_031_A2_F03		ZM_031_A2_F03_MR
33809	ZM_031_A2_F04		ZM_031_A2_F04_MR
33810	ZM_031_A2_F05	ZM_031_A2_F05_T7	
33811	ZM_031_A2_F05		ZM_031_A2_F05_MR
33812	ZM_031_A2_F06		ZM_031_A2_F06_MR
33813	ZM_031_A2_F07		ZM_031_A2_F07_MR
33814	ZM_031_A2_F08		ZM_031_A2_F08_MR
33815	ZM_031_A2_F09		ZM_031_A2_F09_MR
33816	ZM_031_A2_F10	ZM_031_A2_F10_T7	
33817	ZM_031_A2_F10		ZM_031_A2_F10_MR
33818	ZM_031_A2_F11	ZM_031_A2_F11_T7	
33819	ZM_031_A2_F11		ZM_031_A2_F11_MR
33820	ZM_031_A2_F12	ZM_031_A2_F12_T7	
33821	ZM_031_A2_F12		ZM_031_A2_F12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33822	ZM_031_A2_G01	ZM_031_A2_G01_T7	
33823	ZM_031_A2_G01		ZM_031_A2_G01_MR
33824	ZM_031_A2_G03		ZM_031_A2_G03_MR
33825	ZM_031_A2_G04		ZM_031_A2_G04_MR
33826	ZM_031_A2_G05	ZM_031_A2_G05_T7	
33827	ZM_031_A2_G06		ZM_031_A2_G06_MR
33828	ZM_031_A2_G07		ZM_031_A2_G07_MR
33829	ZM_031_A2_G09	ZM_031_A2_G09_T7	
33830	ZM_031_A2_G09		ZM_031_A2_G09_MR
33831	ZM_031_A2_G10	ZM_031_A2_G10_T7	
33832	ZM_031_A2_G10		ZM_031_A2_G10_MR
33833	ZM_031_A2_G11	ZM_031_A2_G11_T7	
33834	ZM_031_A2_G11		ZM_031_A2_G11_MR
33835	ZM_031_A2_G12	ZM_031_A2_G12_T7	
33836	ZM_031_A2_G12		ZM_031_A2_G12_MR
33837	ZM_031_A2_H01	ZM_031_A2_H01_T7	
33838	ZM_031_A2_H01		ZM_031_A2_H01_MR
33839	ZM_031_A2_H02	ZM_031_A2_H02_T7	
33840	ZM_031_A2_H02		ZM_031_A2_H02_MR
33841	ZM_031_A2_H03		ZM_031_A2_H03_MR
33842	ZM_031_A2_H04	ZM_031_A2_H04_T7	
33843	ZM_031_A2_H04		ZM_031_A2_H04_MR
33844	ZM_031_A2_H05	ZM_031_A2_H05_T7	
33845	ZM_031_A2_H05		ZM_031_A2_H05_MR
33846	ZM_031_A2_H06	ZM_031_A2_H06_T7	
33847	ZM_031_A2_H06		ZM_031_A2_H06_MR
33848	ZM_031_A2_H07	ZM_031_A2_H07_T7	
33849	ZM_031_A2_H07		ZM_031_A2_H07_MR
33850	ZM_031_A2_H08	ZM_031_A2_H08_T7	
33851	ZM_031_A2_H08		ZM_031_A2_H08_MR
33852	ZM_031_A2_H09	ZM_031_A2_H09_T7	
33853	ZM_031_A2_H09		ZM_031_A2_H09_MR
33854	ZM_031_A2_H10	ZM_031_A2_H10_T7	
33855	ZM_031_A2_H10		ZM_031_A2_H10_MR
33856	ZM_031_A2_H11	ZM_031_A2_H11_T7	
33857	ZM_031_A2_H11		ZM_031_A2_H11_MR
33858	ZM_031_A2_H12	ZM_031_A2_H12_T7	
33859	ZM_031_A2_H12		ZM_031_A2_H12_MR
33860	ZM_031_B1_A01	ZM_031_B1_A01_T7C	
33861	ZM_031_B1_A01		ZM_031_B1_A01_MR
33862	ZM_031_B1_A03	ZM_031_B1_A03_T7C	
33863	ZM_031_B1_A03		ZM_031_B1_A03_MR
33864	ZM_031_B1_A04	ZM_031_B1_A04_T7C	
33865	ZM_031_B1_A04		ZM_031_B1_A04_MR
33866	ZM_031_B1_A05		ZM_031_B1_A05_MR
33867	ZM_031_B1_A06	ZM_031_B1_A06_T7C	
33868	ZM_031_B1_A06		ZM_031_B1_A06_MR
33869	ZM_031_B1_A07	ZM_031_B1_A07_T7C	
33870	ZM_031_B1_A07		ZM_031_B1_A07_MR
33871	ZM_031_B1_A08	ZM_031_B1_A08_T7C	
33872	ZM_031_B1_A08		ZM_031_B1_A08_MR
33873	ZM_031_B1_A09	ZM_031_B1_A09_T7C	
33874	ZM_031_B1_A09		ZM_031_B1_A09_MR
33875	ZM_031_B1_A10	ZM_031_B1_A10_T7C	
33876	ZM_031_B1_A11	ZM_031_B1_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33877	ZM_031_B1_A11		ZM_031_B1_A11_MR
33878	ZM_031_B1_A12	ZM_031_B1_A12_T7C	
33879	ZM_031_B1_B01	ZM_031_B1_B01_T7C	
33880	ZM_031_B1_B01		ZM_031_B1_B01_MR
33881	ZM_031_B1_B02	ZM_031_B1_B02_T7C	
33882	ZM_031_B1_B02		ZM_031_B1_B02_MR
33883	ZM_031_B1_B03	ZM_031_B1_B03_T7C	
33884	ZM_031_B1_B03		ZM_031_B1_B03_MR
33885	ZM_031_B1_B04	ZM_031_B1_B04_T7C	
33886	ZM_031_B1_B04		ZM_031_B1_B04_MR
33887	ZM_031_B1_B05	ZM_031_B1_B05_T7C	
33888	ZM_031_B1_B05		ZM_031_B1_B05_MR
33889	ZM_031_B1_B06	ZM_031_B1_B06_T7C	
33890	ZM_031_B1_B06		ZM_031_B1_B06_MR
33891	ZM_031_B1_B07	ZM_031_B1_B07_T7C	
33892	ZM_031_B1_B07		ZM_031_B1_B07_MR
33893	ZM_031_B1_B08	ZM_031_B1_B08_T7C	
33894	ZM_031_B1_B08		ZM_031_B1_B08_MR
33895	ZM_031_B1_B09	ZM_031_B1_B09_T7C	
33896	ZM_031_B1_B09		ZM_031_B1_B09_MR
33897	ZM_031_B1_B10	ZM_031_B1_B10_T7C	
33898	ZM_031_B1_B11	ZM_031_B1_B11_T7C	
33899	ZM_031_B1_B11		ZM_031_B1_B11_MR
33900	ZM_031_B1_B12	ZM_031_B1_B12_T7C	
33901	ZM_031_B1_B12		ZM_031_B1_B12_MR
33902	ZM_031_B1_C01	ZM_031_B1_C01_T7C	
33903	ZM_031_B1_C01		ZM_031_B1_C01_MR
33904	ZM_031_B1_C02	ZM_031_B1_C02_T7C	
33905	ZM_031_B1_C02		ZM_031_B1_C02_MR
33906	ZM_031_B1_C03	ZM_031_B1_C03_T7C	
33907	ZM_031_B1_C03		ZM_031_B1_C03_MR
33908	ZM_031_B1_C04	ZM_031_B1_C04_T7C	
33909	ZM_031_B1_C04		ZM_031_B1_C04_MR
33910	ZM_031_B1_C05		ZM_031_B1_C05_MR
33911	ZM_031_B1_C06	ZM_031_B1_C06_T7C	
33912	ZM_031_B1_C06		ZM_031_B1_C06_MR
33913	ZM_031_B1_C07	ZM_031_B1_C07_T7C	
33914	ZM_031_B1_C07		ZM_031_B1_C07_MR
33915	ZM_031_B1_C08	ZM_031_B1_C08_T7C	
33916	ZM_031_B1_C09	ZM_031_B1_C09_T7C	
33917	ZM_031_B1_C10		ZM_031_B1_C10_MR
33918	ZM_031_B1_C12	ZM_031_B1_C12_T7C	
33919	ZM_031_B1_C12		ZM_031_B1_C12_MR
33920	ZM_031_B1_D01	ZM_031_B1_D01_T7C	
33921	ZM_031_B1_D01		ZM_031_B1_D01_MR
33922	ZM_031_B1_D02	ZM_031_B1_D02_T7C	
33923	ZM_031_B1_D02		ZM_031_B1_D02_MR
33924	ZM_031_B1_D03	ZM_031_B1_D03_T7C	
33925	ZM_031_B1_D03		ZM_031_B1_D03_MR
33926	ZM_031_B1_D04	ZM_031_B1_D04_T7C	
33927	ZM_031_B1_D04		ZM_031_B1_D04_MR
33928	ZM_031_B1_D05	ZM_031_B1_D05_T7C	
33929	ZM_031_B1_D05		ZM_031_B1_D05_MR
33930	ZM_031_B1_D06	ZM_031_B1_D06_T7C	
33931	ZM_031_B1_D06		ZM_031_B1_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33932	ZM_031_B1_D07	ZM_031_B1_D07_T7C	
33933	ZM_031_B1_D07		ZM_031_B1_D07_MR
33934	ZM_031_B1_D08	ZM_031_B1_D08_T7C	
33935	ZM_031_B1_D08		ZM_031_B1_D08_MR
33936	ZM_031_B1_D09	ZM_031_B1_D09_T7C	
33937	ZM_031_B1_D09		ZM_031_B1_D09_MR
33938	ZM_031_B1_D11	ZM_031_B1_D11_T7C	
33939	ZM_031_B1_D11		ZM_031_B1_D11_MR
33940	ZM_031_B1_D12	ZM_031_B1_D12_T7C	
33941	ZM_031_B1_D12		ZM_031_B1_D12_MR
33942	ZM_031_B1_E02	ZM_031_B1_E02_T7C	
33943	ZM_031_B1_E02		ZM_031_B1_E02_MR
33944	ZM_031_B1_E03	ZM_031_B1_E03_T7C	
33945	ZM_031_B1_E03		ZM_031_B1_E03_MR
33946	ZM_031_B1_E04	ZM_031_B1_E04_T7C	
33947	ZM_031_B1_E04		ZM_031_B1_E04_MR
33948	ZM_031_B1_E06	ZM_031_B1_E06_T7C	
33949	ZM_031_B1_E06		ZM_031_B1_E06_MR
33950	ZM_031_B1_E07	ZM_031_B1_E07_T7C	
33951	ZM_031_B1_E07		ZM_031_B1_E07_MR
33952	ZM_031_B1_E09	ZM_031_B1_E09_T7C	
33953	ZM_031_B1_E10	ZM_031_B1_E10_T7C	
33954	ZM_031_B1_E10		ZM_031_B1_E10_MR
33955	ZM_031_B1_E11	ZM_031_B1_E11_T7C	
33956	ZM_031_B1_F01	ZM_031_B1_F01_T7C	
33957	ZM_031_B1_F01		ZM_031_B1_F01_MR
33958	ZM_031_B1_F02	ZM_031_B1_F02_T7C	
33959	ZM_031_B1_F02		ZM_031_B1_F02_MR
33960	ZM_031_B1_F03	ZM_031_B1_F03_T7C	
33961	ZM_031_B1_F03		ZM_031_B1_F03_MR
33962	ZM_031_B1_F04	ZM_031_B1_F04_T7C	
33963	ZM_031_B1_F04		ZM_031_B1_F04_MR
33964	ZM_031_B1_F05		ZM_031_B1_F05_MR
33965	ZM_031_B1_F06	ZM_031_B1_F06_T7C	
33966	ZM_031_B1_F07	ZM_031_B1_F07_T7C	
33967	ZM_031_B1_F07		ZM_031_B1_F07_MR
33968	ZM_031_B1_F08	ZM_031_B1_F08_T7C	
33969	ZM_031_B1_F08		ZM_031_B1_F08_MR
33970	ZM_031_B1_F09	ZM_031_B1_F09_T7C	
33971	ZM_031_B1_F09		ZM_031_B1_F09_MR
33972	ZM_031_B1_F10	ZM_031_B1_F10_T7C	
33973	ZM_031_B1_F10		ZM_031_B1_F10_MR
33974	ZM_031_B1_F11	ZM_031_B1_F11_T7C	
33975	ZM_031_B1_F11		ZM_031_B1_F11_MR
33976	ZM_031_B1_F12	ZM_031_B1_F12_T7C	
33977	ZM_031_B1_F12		ZM_031_B1_F12_MR
33978	ZM_031_B1_G01	ZM_031_B1_G01_T7C	
33979	ZM_031_B1_G01		ZM_031_B1_G01_MR
33980	ZM_031_B1_G02	ZM_031_B1_G02_T7C	
33981	ZM_031_B1_G02		ZM_031_B1_G02_MR
33982	ZM_031_B1_G03	ZM_031_B1_G03_T7C	
33983	ZM_031_B1_G03		ZM_031_B1_G03_MR
33984	ZM_031_B1_G04	ZM_031_B1_G04_T7C	
33985	ZM_031_B1_G05	ZM_031_B1_G05_T7C	
33986	ZM_031_B1_G06	ZM_031_B1_G06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
33987	ZM_031_B1_G07	ZM_031_B1_G07_T7C	
33988	ZM_031_B1_G07		ZM_031_B1_G07_MR
33989	ZM_031_B1_G08	ZM_031_B1_G08_T7C	
33990	ZM_031_B1_G08		ZM_031_B1_G08_MR
33991	ZM_031_B1_G09	ZM_031_B1_G09_T7C	
33992	ZM_031_B1_G09		ZM_031_B1_G09_MR
33993	ZM_031_B1_G10	ZM_031_B1_G10_T7C	
33994	ZM_031_B1_G10		ZM_031_B1_G10_MR
33995	ZM_031_B1_G11	ZM_031_B1_G11_T7C	
33996	ZM_031_B1_G12	ZM_031_B1_G12_T7C	
33997	ZM_031_B1_H01		ZM_031_B1_H01_MR
33998	ZM_031_B1_H02	ZM_031_B1_H02_T7C	
33999	ZM_031_B1_H02		ZM_031_B1_H02_MR
34000	ZM_031_B1_H03	ZM_031_B1_H03_T7C	
34001	ZM_031_B1_H04	ZM_031_B1_H04_T7C	
34002	ZM_031_B1_H04		ZM_031_B1_H04_MR
34003	ZM_031_B1_H06	ZM_031_B1_H06_T7C	
34004	ZM_031_B1_H06		ZM_031_B1_H06_MR
34005	ZM_031_B1_H07	ZM_031_B1_H07_T7C	
34006	ZM_031_B1_H07		ZM_031_B1_H07_MR
34007	ZM_031_B1_H12	ZM_031_B1_H12_T7C	
34008	ZM_031_B1_H12		ZM_031_B1_H12_MR
34009	ZM_031_B2_A01	ZM_031_B2_A01_T7C	
34010	ZM_031_B2_A01		ZM_031_B2_A01_MR
34011	ZM_031_B2_A02	ZM_031_B2_A02_T7C	
34012	ZM_031_B2_A02		ZM_031_B2_A02_MR
34013	ZM_031_B2_A03	ZM_031_B2_A03_T7C	
34014	ZM_031_B2_A03		ZM_031_B2_A03_MR
34015	ZM_031_B2_A04	ZM_031_B2_A04_T7C	
34016	ZM_031_B2_A04		ZM_031_B2_A04_MR
34017	ZM_031_B2_A05	ZM_031_B2_A05_T7C	
34018	ZM_031_B2_A05		ZM_031_B2_A05_MR
34019	ZM_031_B2_A06	ZM_031_B2_A06_T7C	
34020	ZM_031_B2_A06		ZM_031_B2_A06_MR
34021	ZM_031_B2_A07	ZM_031_B2_A07_T7C	
34022	ZM_031_B2_A08	ZM_031_B2_A08_T7C	
34023	ZM_031_B2_A08		ZM_031_B2_A08_MR
34024	ZM_031_B2_A09	ZM_031_B2_A09_T7C	
34025	ZM_031_B2_A09		ZM_031_B2_A09_MR
34026	ZM_031_B2_A10	ZM_031_B2_A10_T7C	
34027	ZM_031_B2_A10		ZM_031_B2_A10_MR
34028	ZM_031_B2_A11	ZM_031_B2_A11_T7C	
34029	ZM_031_B2_A11		ZM_031_B2_A11_MR
34030	ZM_031_B2_A12	ZM_031_B2_A12_T7C	
34031	ZM_031_B2_A12		ZM_031_B2_A12_MR
34032	ZM_031_B2_B01	ZM_031_B2_B01_T7C	
34033	ZM_031_B2_B01		ZM_031_B2_B01_MR
34034	ZM_031_B2_B02	ZM_031_B2_B02_T7C	
34035	ZM_031_B2_B02		ZM_031_B2_B02_MR
34036	ZM_031_B2_B03		ZM_031_B2_B03_MR
34037	ZM_031_B2_B04	ZM_031_B2_B04_T7C	
34038	ZM_031_B2_B05	ZM_031_B2_B05_T7C	
34039	ZM_031_B2_B05		ZM_031_B2_B05_MR
34040	ZM_031_B2_B06		ZM_031_B2_B06_MR
34041	ZM_031_B2_B07	ZM_031_B2_B07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34042	ZM_031_B2_B07		ZM_031_B2_B07_MR
34043	ZM_031_B2_B08	ZM_031_B2_B08_T7C	
34044	ZM_031_B2_B08		ZM_031_B2_B08_MR
34045	ZM_031_B2_B09	ZM_031_B2_B09_T7C	
34046	ZM_031_B2_B09		ZM_031_B2_B09_MR
34047	ZM_031_B2_B10	ZM_031_B2_B10_T7C	
34048	ZM_031_B2_B10		ZM_031_B2_B10_MR
34049	ZM_031_B2_B11	ZM_031_B2_B11_T7C	
34050	ZM_031_B2_B11		ZM_031_B2_B11_MR
34051	ZM_031_B2_B12	ZM_031_B2_B12_T7C	
34052	ZM_031_B2_B12		ZM_031_B2_B12_MR
34053	ZM_031_B2_C01	ZM_031_B2_C01_T7C	
34054	ZM_031_B2_C01		ZM_031_B2_C01_MR
34055	ZM_031_B2_C02		ZM_031_B2_C02_MR
34056	ZM_031_B2_C03		ZM_031_B2_C03_MR
34057	ZM_031_B2_C04	ZM_031_B2_C04_T7C	
34058	ZM_031_B2_C04		ZM_031_B2_C04_MR
34059	ZM_031_B2_C05	ZM_031_B2_C05_T7C	
34060	ZM_031_B2_C05		ZM_031_B2_C05_MR
34061	ZM_031_B2_C06	ZM_031_B2_C06_T7C	
34062	ZM_031_B2_C06		ZM_031_B2_C06_MR
34063	ZM_031_B2_C07	ZM_031_B2_C07_T7C	
34064	ZM_031_B2_C07		ZM_031_B2_C07_MR
34065	ZM_031_B2_C08	ZM_031_B2_C08_T7C	
34066	ZM_031_B2_C08		ZM_031_B2_C08_MR
34067	ZM_031_B2_C09	ZM_031_B2_C09_T7C	
34068	ZM_031_B2_C09		ZM_031_B2_C09_MR
34069	ZM_031_B2_C10	ZM_031_B2_C10_T7C	
34070	ZM_031_B2_C10		ZM_031_B2_C10_MR
34071	ZM_031_B2_C11		ZM_031_B2_C11_MR
34072	ZM_031_B2_C12	ZM_031_B2_C12_T7C	
34073	ZM_031_B2_D01		ZM_031_B2_D01_MR
34074	ZM_031_B2_D02		ZM_031_B2_D02_MR
34075	ZM_031_B2_D03	ZM_031_B2_D03_T7C	
34076	ZM_031_B2_D03		ZM_031_B2_D03_MR
34077	ZM_031_B2_D04	ZM_031_B2_D04_T7C	
34078	ZM_031_B2_D04		ZM_031_B2_D04_MR
34079	ZM_031_B2_D05	ZM_031_B2_D05_T7C	
34080	ZM_031_B2_D05		ZM_031_B2_D05_MR
34081	ZM_031_B2_D07	ZM_031_B2_D07_T7C	
34082	ZM_031_B2_D07		ZM_031_B2_D07_MR
34083	ZM_031_B2_D08	ZM_031_B2_D08_T7C	
34084	ZM_031_B2_D08		ZM_031_B2_D08_MR
34085	ZM_031_B2_D09	ZM_031_B2_D09_T7C	
34086	ZM_031_B2_D09		ZM_031_B2_D09_MR
34087	ZM_031_B2_D10	ZM_031_B2_D10_T7C	
34088	ZM_031_B2_D10		ZM_031_B2_D10_MR
34089	ZM_031_B2_D11	ZM_031_B2_D11_T7C	
34090	ZM_031_B2_D11		ZM_031_B2_D11_MR
34091	ZM_031_B2_D12	ZM_031_B2_D12_T7C	
34092	ZM_031_B2_D12		ZM_031_B2_D12_MR
34093	ZM_031_B2_E01		ZM_031_B2_E01_MR
34094	ZM_031_B2_E02	ZM_031_B2_E02_T7C	
34095	ZM_031_B2_E02		ZM_031_B2_E02_MR
34096	ZM_031_B2_E04	ZM_031_B2_E04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34097	ZM_031_B2_E04		ZM_031_B2_E04_MR
34098	ZM_031_B2_E05	ZM_031_B2_E05_T7C	
34099	ZM_031_B2_E05		ZM_031_B2_E05_MR
34100	ZM_031_B2_E06		ZM_031_B2_E06_MR
34101	ZM_031_B2_E07		ZM_031_B2_E07_MR
34102	ZM_031_B2_E08	ZM_031_B2_E08_T7C	
34103	ZM_031_B2_E08		ZM_031_B2_E08_MR
34104	ZM_031_B2_E09	ZM_031_B2_E09_T7C	
34105	ZM_031_B2_E09		ZM_031_B2_E09_MR
34106	ZM_031_B2_E10	ZM_031_B2_E10_T7C	
34107	ZM_031_B2_E10		ZM_031_B2_E10_MR
34108	ZM_031_B2_E12	ZM_031_B2_E12_T7C	
34109	ZM_031_B2_E12		ZM_031_B2_E12_MR
34110	ZM_031_B2_F01	ZM_031_B2_F01_T7C	
34111	ZM_031_B2_F01		ZM_031_B2_F01_MR
34112	ZM_031_B2_F02	ZM_031_B2_F02_T7C	
34113	ZM_031_B2_F02		ZM_031_B2_F02_MR
34114	ZM_031_B2_F04	ZM_031_B2_F04_T7C	
34115	ZM_031_B2_F05	ZM_031_B2_F05_T7C	
34116	ZM_031_B2_F05		ZM_031_B2_F05_MR
34117	ZM_031_B2_F06	ZM_031_B2_F06_T7C	
34118	ZM_031_B2_F06		ZM_031_B2_F06_MR
34119	ZM_031_B2_F07	ZM_031_B2_F07_T7C	
34120	ZM_031_B2_F07		ZM_031_B2_F07_MR
34121	ZM_031_B2_F08	ZM_031_B2_F08_T7C	
34122	ZM_031_B2_F08		ZM_031_B2_F08_MR
34123	ZM_031_B2_F09	ZM_031_B2_F09_T7C	
34124	ZM_031_B2_F10	ZM_031_B2_F10_T7C	
34125	ZM_031_B2_F10		ZM_031_B2_F10_MR
34126	ZM_031_B2_F11		ZM_031_B2_F11_MR
34127	ZM_031_B2_F12	ZM_031_B2_F12_T7C	
34128	ZM_031_B2_F12		ZM_031_B2_F12_MR
34129	ZM_031_B2_G01	ZM_031_B2_G01_T7C	
34130	ZM_031_B2_G01		ZM_031_B2_G01_MR
34131	ZM_031_B2_G02		ZM_031_B2_G02_MR
34132	ZM_031_B2_G03	ZM_031_B2_G03_T7C	
34133	ZM_031_B2_G03		ZM_031_B2_G03_MR
34134	ZM_031_B2_G04	ZM_031_B2_G04_T7C	
34135	ZM_031_B2_G04		ZM_031_B2_G04_MR
34136	ZM_031_B2_G05	ZM_031_B2_G05_T7C	
34137	ZM_031_B2_G05		ZM_031_B2_G05_MR
34138	ZM_031_B2_G06	ZM_031_B2_G06_T7C	
34139	ZM_031_B2_G06		ZM_031_B2_G06_MR
34140	ZM_031_B2_G07	ZM_031_B2_G07_T7C	
34141	ZM_031_B2_G07		ZM_031_B2_G07_MR
34142	ZM_031_B2_G08	ZM_031_B2_G08_T7C	
34143	ZM_031_B2_G08		ZM_031_B2_G08_MR
34144	ZM_031_B2_G09	ZM_031_B2_G09_T7C	
34145	ZM_031_B2_G10	ZM_031_B2_G10_T7C	
34146	ZM_031_B2_G10		ZM_031_B2_G10_MR
34147	ZM_031_B2_G11	ZM_031_B2_G11_T7C	
34148	ZM_031_B2_G11		ZM_031_B2_G11_MR
34149	ZM_031_B2_G12	ZM_031_B2_G12_T7C	
34150	ZM_031_B2_G12		ZM_031_B2_G12_MR
34151	ZM_031_B2_H01	ZM_031_B2_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34152	ZM_031_B2_H01		ZM_031_B2_H01_MR
34153	ZM_031_B2_H02	ZM_031_B2_H02_T7C	
34154	ZM_031_B2_H02		ZM_031_B2_H02_MR
34155	ZM_031_B2_H03	ZM_031_B2_H03_T7C	
34156	ZM_031_B2_H03		ZM_031_B2_H03_MR
34157	ZM_031_B2_H04	ZM_031_B2_H04_T7C	
34158	ZM_031_B2_H04		ZM_031_B2_H04_MR
34159	ZM_031_B2_H05	ZM_031_B2_H05_T7C	
34160	ZM_031_B2_H05		ZM_031_B2_H05_MR
34161	ZM_031_B2_H06	ZM_031_B2_H06_T7C	
34162	ZM_031_B2_H06		ZM_031_B2_H06_MR
34163	ZM_031_B2_H08	ZM_031_B2_H08_T7C	
34164	ZM_031_B2_H08		ZM_031_B2_H08_MR
34165	ZM_031_B2_H09	ZM_031_B2_H09_T7C	
34166	ZM_031_B2_H10	ZM_031_B2_H10_T7C	
34167	ZM_031_B2_H10		ZM_031_B2_H10_MR
34168	ZM_031_B2_H11	ZM_031_B2_H11_T7C	
34169	ZM_031_B2_H11		ZM_031_B2_H11_MR
34170	ZM_031_B2_H12	ZM_031_B2_H12_T7C	
34171	ZM_031_B2_H12		ZM_031_B2_H12_MR
34172	ZM_032_A1_A01	ZM_032_A1_A01_T7C	
34173	ZM_032_A1_A02	ZM_032_A1_A02_T7C	
34174	ZM_032_A1_A03	ZM_032_A1_A03_T7C	
34175	ZM_032_A1_A04	ZM_032_A1_A04_T7C	
34176	ZM_032_A1_A05	ZM_032_A1_A05_T7C	
34177	ZM_032_A1_A06	ZM_032_A1_A06_T7C	
34178	ZM_032_A1_A07	ZM_032_A1_A07_T7C	
34179	ZM_032_A1_A08	ZM_032_A1_A08_T7C	
34180	ZM_032_A1_A09	ZM_032_A1_A09_T7C	
34181	ZM_032_A1_A10	ZM_032_A1_A10_T7C	
34182	ZM_032_A1_A11	ZM_032_A1_A11_T7C	
34183	ZM_032_A1_A12	ZM_032_A1_A12_T7C	
34184	ZM_032_A1_B01	ZM_032_A1_B01_T7C	
34185	ZM_032_A1_B02	ZM_032_A1_B02_T7C	
34186	ZM_032_A1_B03	ZM_032_A1_B03_T7C	
34187	ZM_032_A1_B04	ZM_032_A1_B04_T7C	
34188	ZM_032_A1_B05	ZM_032_A1_B05_T7C	
34189	ZM_032_A1_B06	ZM_032_A1_B06_T7C	
34190	ZM_032_A1_B07	ZM_032_A1_B07_T7C	
34191	ZM_032_A1_B08	ZM_032_A1_B08_T7C	
34192	ZM_032_A1_B10	ZM_032_A1_B10_T7C	
34193	ZM_032_A1_B11	ZM_032_A1_B11_T7C	
34194	ZM_032_A1_C01	ZM_032_A1_C01_T7C	
34195	ZM_032_A1_C02	ZM_032_A1_C02_T7C	
34196	ZM_032_A1_C03	ZM_032_A1_C03_T7C	
34197	ZM_032_A1_C04	ZM_032_A1_C04_T7C	
34198	ZM_032_A1_C05	ZM_032_A1_C05_T7C	
34199	ZM_032_A1_C06	ZM_032_A1_C06_T7C	
34200	ZM_032_A1_C07	ZM_032_A1_C07_T7C	
34201	ZM_032_A1_C08	ZM_032_A1_C08_T7C	
34202	ZM_032_A1_C09	ZM_032_A1_C09_T7C	
34203	ZM_032_A1_C10	ZM_032_A1_C10_T7C	
34204	ZM_032_A1_C11	ZM_032_A1_C11_T7C	
34205	ZM_032_A1_C12	ZM_032_A1_C12_T7C	
34206	ZM_032_A1_D01	ZM_032_A1_D01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34207	ZM_032_A1_D02	ZM_032_A1_D02_T7C	
34208	ZM_032_A1_D03	ZM_032_A1_D03_T7C	
34209	ZM_032_A1_D06	ZM_032_A1_D06_T7C	
34210	ZM_032_A1_D07	ZM_032_A1_D07_T7C	
34211	ZM_032_A1_D08	ZM_032_A1_D08_T7C	
34212	ZM_032_A1_D09	ZM_032_A1_D09_T7C	
34213	ZM_032_A1_D10	ZM_032_A1_D10_T7C	
34214	ZM_032_A1_D11	ZM_032_A1_D11_T7C	
34215	ZM_032_A1_D12	ZM_032_A1_D12_T7C	
34216	ZM_032_A1_E01	ZM_032_A1_E01_T7C	
34217	ZM_032_A1_E02	ZM_032_A1_E02_T7C	
34218	ZM_032_A1_E03	ZM_032_A1_E03_T7C	
34219	ZM_032_A1_E04	ZM_032_A1_E04_T7C	
34220	ZM_032_A1_E07	ZM_032_A1_E07_T7C	
34221	ZM_032_A1_E08	ZM_032_A1_E08_T7C	
34222	ZM_032_A1_E09	ZM_032_A1_E09_T7C	
34223	ZM_032_A1_E10	ZM_032_A1_E10_T7C	
34224	ZM_032_A1_E11	ZM_032_A1_E11_T7C	
34225	ZM_032_A1_E12	ZM_032_A1_E12_T7C	
34226	ZM_032_A1_F02	ZM_032_A1_F02_T7C	
34227	ZM_032_A1_F03	ZM_032_A1_F03_T7C	
34228	ZM_032_A1_F04	ZM_032_A1_F04_T7C	
34229	ZM_032_A1_F05	ZM_032_A1_F05_T7C	
34230	ZM_032_A1_F07	ZM_032_A1_F07_T7C	
34231	ZM_032_A1_F08	ZM_032_A1_F08_T7C	
34232	ZM_032_A1_F09	ZM_032_A1_F09_T7C	
34233	ZM_032_A1_F10	ZM_032_A1_F10_T7C	
34234	ZM_032_A1_F11	ZM_032_A1_F11_T7C	
34235	ZM_032_A1_F12	ZM_032_A1_F12_T7C	
34236	ZM_032_A1_G01	ZM_032_A1_G01_T7C	
34237	ZM_032_A1_G02	ZM_032_A1_G02_T7C	
34238	ZM_032_A1_G03	ZM_032_A1_G03_T7C	
34239	ZM_032_A1_G04	ZM_032_A1_G04_T7C	
34240	ZM_032_A1_G06	ZM_032_A1_G06_T7C	
34241	ZM_032_A1_G07	ZM_032_A1_G07_T7C	
34242	ZM_032_A1_G09	ZM_032_A1_G09_T7C	
34243	ZM_032_A1_G10	ZM_032_A1_G10_T7C	
34244	ZM_032_A1_G11	ZM_032_A1_G11_T7C	
34245	ZM_032_A1_G12	ZM_032_A1_G12_T7C	
34246	ZM_032_A1_H01	ZM_032_A1_H01_T7C	
34247	ZM_032_A1_H02	ZM_032_A1_H02_T7C	
34248	ZM_032_A1_H03	ZM_032_A1_H03_T7C	
34249	ZM_032_A1_H04	ZM_032_A1_H04_T7C	
34250	ZM_032_A1_H05	ZM_032_A1_H05_T7C	
34251	ZM_032_A1_H07	ZM_032_A1_H07_T7C	
34252	ZM_032_A1_H08	ZM_032_A1_H08_T7C	
34253	ZM_032_A1_H09	ZM_032_A1_H09_T7C	
34254	ZM_032_A1_H10	ZM_032_A1_H10_T7C	
34255	ZM_032_A1_H11	ZM_032_A1_H11_T7C	
34256	ZM_032_A1_H12	ZM_032_A1_H12_T7C	
34257	ZM_032_A2_A02	ZM_032_A2_A02_T7C	
34258	ZM_032_A2_A02		ZM_032_A2_A02_MR
34259	ZM_032_A2_A03	ZM_032_A2_A03_T7C	
34260	ZM_032_A2_A03		ZM_032_A2_A03_MR
34261	ZM_032_A2_A04	ZM_032_A2_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34262	ZM_032_A2_A04		ZM_032_A2_A04_MR
34263	ZM_032_A2_A05	ZM_032_A2_A05_T7C	
34264	ZM_032_A2_A05		ZM_032_A2_A05_MR
34265	ZM_032_A2_A06	ZM_032_A2_A06_T7C	
34266	ZM_032_A2_A06		ZM_032_A2_A06_MR
34267	ZM_032_A2_A07	ZM_032_A2_A07_T7C	
34268	ZM_032_A2_A07		ZM_032_A2_A07_MR
34269	ZM_032_A2_A08	ZM_032_A2_A08_T7C	
34270	ZM_032_A2_A08		ZM_032_A2_A08_MR
34271	ZM_032_A2_A09	ZM_032_A2_A09_T7C	
34272	ZM_032_A2_A09		ZM_032_A2_A09_MR
34273	ZM_032_A2_A10	ZM_032_A2_A10_T7C	
34274	ZM_032_A2_A10		ZM_032_A2_A10_MR
34275	ZM_032_A2_A11	ZM_032_A2_A11_T7C	
34276	ZM_032_A2_A11		ZM_032_A2_A11_MR
34277	ZM_032_A2_A12	ZM_032_A2_A12_T7C	
34278	ZM_032_A2_A12		ZM_032_A2_A12_MR
34279	ZM_032_A2_B01	ZM_032_A2_B01_T7C	
34280	ZM_032_A2_B01		ZM_032_A2_B01_MR
34281	ZM_032_A2_B02	ZM_032_A2_B02_T7C	
34282	ZM_032_A2_B02		ZM_032_A2_B02_MR
34283	ZM_032_A2_B03	ZM_032_A2_B03_T7C	
34284	ZM_032_A2_B03		ZM_032_A2_B03_MR
34285	ZM_032_A2_B04	ZM_032_A2_B04_T7C	
34286	ZM_032_A2_B04		ZM_032_A2_B04_MR
34287	ZM_032_A2_B05	ZM_032_A2_B05_T7C	
34288	ZM_032_A2_B05		ZM_032_A2_B05_MR
34289	ZM_032_A2_B06	ZM_032_A2_B06_T7C	
34290	ZM_032_A2_B06		ZM_032_A2_B06_MR
34291	ZM_032_A2_B07	ZM_032_A2_B07_T7C	
34292	ZM_032_A2_B07		ZM_032_A2_B07_MR
34293	ZM_032_A2_B09	ZM_032_A2_B09_T7C	
34294	ZM_032_A2_B09		ZM_032_A2_B09_MR
34295	ZM_032_A2_B11	ZM_032_A2_B11_T7C	
34296	ZM_032_A2_B11		ZM_032_A2_B11_MR
34297	ZM_032_A2_B12	ZM_032_A2_B12_T7C	
34298	ZM_032_A2_C01	ZM_032_A2_C01_T7C	
34299	ZM_032_A2_C01		ZM_032_A2_C01_MR
34300	ZM_032_A2_C03	ZM_032_A2_C03_T7C	
34301	ZM_032_A2_C03		ZM_032_A2_C03_MR
34302	ZM_032_A2_C04	ZM_032_A2_C04_T7C	
34303	ZM_032_A2_C04		ZM_032_A2_C04_MR
34304	ZM_032_A2_C05	ZM_032_A2_C05_T7C	
34305	ZM_032_A2_C05		ZM_032_A2_C05_MR
34306	ZM_032_A2_C07	ZM_032_A2_C07_T7C	
34307	ZM_032_A2_C07		ZM_032_A2_C07_MR
34308	ZM_032_A2_C08	ZM_032_A2_C08_T7C	
34309	ZM_032_A2_C10	ZM_032_A2_C10_T7C	
34310	ZM_032_A2_C10		ZM_032_A2_C10_MR
34311	ZM_032_A2_C11	ZM_032_A2_C11_T7C	
34312	ZM_032_A2_C11		ZM_032_A2_C11_MR
34313	ZM_032_A2_C12	ZM_032_A2_C12_T7C	
34314	ZM_032_A2_C12		ZM_032_A2_C12_MR
34315	ZM_032_A2_D01	ZM_032_A2_D01_T7C	
34316	ZM_032_A2_D01		ZM_032_A2_D01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34317	ZM_032_A2_D02	ZM_032_A2_D02_T7C	
34318	ZM_032_A2_D02		ZM_032_A2_D02_MR
34319	ZM_032_A2_D03	ZM_032_A2_D03_T7C	
34320	ZM_032_A2_D03		ZM_032_A2_D03_MR
34321	ZM_032_A2_D04	ZM_032_A2_D04_T7C	
34322	ZM_032_A2_D04		ZM_032_A2_D04_MR
34323	ZM_032_A2_D05	ZM_032_A2_D05_T7C	
34324	ZM_032_A2_D05		ZM_032_A2_D05_MR
34325	ZM_032_A2_D06	ZM_032_A2_D06_T7C	
34326	ZM_032_A2_D07	ZM_032_A2_D07_T7C	
34327	ZM_032_A2_D07		ZM_032_A2_D07_MR
34328	ZM_032_A2_D08	ZM_032_A2_D08_T7C	
34329	ZM_032_A2_D08		ZM_032_A2_D08_MR
34330	ZM_032_A2_D09	ZM_032_A2_D09_T7C	
34331	ZM_032_A2_D09		ZM_032_A2_D09_MR
34332	ZM_032_A2_D10	ZM_032_A2_D10_T7C	
34333	ZM_032_A2_D10		ZM_032_A2_D10_MR
34334	ZM_032_A2_D11	ZM_032_A2_D11_T7C	
34335	ZM_032_A2_D11		ZM_032_A2_D11_MR
34336	ZM_032_A2_D12	ZM_032_A2_D12_T7C	
34337	ZM_032_A2_D12		ZM_032_A2_D12_MR
34338	ZM_032_A2_E01	ZM_032_A2_E01_T7C	
34339	ZM_032_A2_E01		ZM_032_A2_E01_MR
34340	ZM_032_A2_E02	ZM_032_A2_E02_T7C	
34341	ZM_032_A2_E02		ZM_032_A2_E02_MR
34342	ZM_032_A2_E03	ZM_032_A2_E03_T7C	
34343	ZM_032_A2_E03		ZM_032_A2_E03_MR
34344	ZM_032_A2_E04	ZM_032_A2_E04_T7C	
34345	ZM_032_A2_E04		ZM_032_A2_E04_MR
34346	ZM_032_A2_E05	ZM_032_A2_E05_T7C	
34347	ZM_032_A2_E05		ZM_032_A2_E05_MR
34348	ZM_032_A2_E06		ZM_032_A2_E06_MR
34349	ZM_032_A2_E07	ZM_032_A2_E07_T7C	
34350	ZM_032_A2_E07		ZM_032_A2_E07_MR
34351	ZM_032_A2_E08	ZM_032_A2_E08_T7C	
34352	ZM_032_A2_E08		ZM_032_A2_E08_MR
34353	ZM_032_A2_E09	ZM_032_A2_E09_T7C	
34354	ZM_032_A2_E09		ZM_032_A2_E09_MR
34355	ZM_032_A2_E11	ZM_032_A2_E11_T7C	
34356	ZM_032_A2_E11		ZM_032_A2_E11_MR
34357	ZM_032_A2_E12		ZM_032_A2_E12_MR
34358	ZM_032_A2_F01	ZM_032_A2_F01_T7C	
34359	ZM_032_A2_F01		ZM_032_A2_F01_MR
34360	ZM_032_A2_F02	ZM_032_A2_F02_T7C	
34361	ZM_032_A2_F02		ZM_032_A2_F02_MR
34362	ZM_032_A2_F03	ZM_032_A2_F03_T7C	
34363	ZM_032_A2_F03		ZM_032_A2_F03_MR
34364	ZM_032_A2_F04	ZM_032_A2_F04_T7C	
34365	ZM_032_A2_F04		ZM_032_A2_F04_MR
34366	ZM_032_A2_F05	ZM_032_A2_F05_T7C	
34367	ZM_032_A2_F05		ZM_032_A2_F05_MR
34368	ZM_032_A2_F06	ZM_032_A2_F06_T7C	
34369	ZM_032_A2_F06		ZM_032_A2_F06_MR
34370	ZM_032_A2_F07	ZM_032_A2_F07_T7C	
34371	ZM_032_A2_F07		ZM_032_A2_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34372	ZM_032_A2_F08	ZM_032_A2_F08_T7C	
34373	ZM_032_A2_F09	ZM_032_A2_F09_T7C	
34374	ZM_032_A2_F09		ZM_032_A2_F09_MR
34375	ZM_032_A2_F10	ZM_032_A2_F10_T7C	
34376	ZM_032_A2_F10		ZM_032_A2_F10_MR
34377	ZM_032_A2_F11	ZM_032_A2_F11_T7C	
34378	ZM_032_A2_F11		ZM_032_A2_F11_MR
34379	ZM_032_A2_F12	ZM_032_A2_F12_T7C	
34380	ZM_032_A2_F12		ZM_032_A2_F12_MR
34381	ZM_032_A2_G02	ZM_032_A2_G02_T7C	
34382	ZM_032_A2_G02		ZM_032_A2_G02_MR
34383	ZM_032_A2_G03	ZM_032_A2_G03_T7C	
34384	ZM_032_A2_G03		ZM_032_A2_G03_MR
34385	ZM_032_A2_G04	ZM_032_A2_G04_T7C	
34386	ZM_032_A2_G04		ZM_032_A2_G04_MR
34387	ZM_032_A2_G05	ZM_032_A2_G05_T7C	
34388	ZM_032_A2_G05		ZM_032_A2_G05_MR
34389	ZM_032_A2_G06	ZM_032_A2_G06_T7C	
34390	ZM_032_A2_G06		ZM_032_A2_G06_MR
34391	ZM_032_A2_G07	ZM_032_A2_G07_T7C	
34392	ZM_032_A2_G07		ZM_032_A2_G07_MR
34393	ZM_032_A2_G08	ZM_032_A2_G08_T7C	
34394	ZM_032_A2_G08		ZM_032_A2_G08_MR
34395	ZM_032_A2_G09	ZM_032_A2_G09_T7C	
34396	ZM_032_A2_G09		ZM_032_A2_G09_MR
34397	ZM_032_A2_G10	ZM_032_A2_G10_T7C	
34398	ZM_032_A2_G10		ZM_032_A2_G10_MR
34399	ZM_032_A2_G11	ZM_032_A2_G11_T7C	
34400	ZM_032_A2_G11		ZM_032_A2_G11_MR
34401	ZM_032_A2_G12	ZM_032_A2_G12_T7C	
34402	ZM_032_A2_G12		ZM_032_A2_G12_MR
34403	ZM_032_A2_H01	ZM_032_A2_H01_T7C	
34404	ZM_032_A2_H01		ZM_032_A2_H01_MR
34405	ZM_032_A2_H02	ZM_032_A2_H02_T7C	
34406	ZM_032_A2_H02		ZM_032_A2_H02_MR
34407	ZM_032_A2_H03		ZM_032_A2_H03_MR
34408	ZM_032_A2_H04	ZM_032_A2_H04_T7C	
34409	ZM_032_A2_H04		ZM_032_A2_H04_MR
34410	ZM_032_A2_H05	ZM_032_A2_H05_T7C	
34411	ZM_032_A2_H05		ZM_032_A2_H05_MR
34412	ZM_032_A2_H06	ZM_032_A2_H06_T7C	
34413	ZM_032_A2_H06		ZM_032_A2_H06_MR
34414	ZM_032_A2_H07	ZM_032_A2_H07_T7C	
34415	ZM_032_A2_H07		ZM_032_A2_H07_MR
34416	ZM_032_A2_H08	ZM_032_A2_H08_T7C	
34417	ZM_032_A2_H08		ZM_032_A2_H08_MR
34418	ZM_032_A2_H09		ZM_032_A2_H09_MR
34419	ZM_032_A2_H10	ZM_032_A2_H10_T7C	
34420	ZM_032_A2_H10		ZM_032_A2_H10_MR
34421	ZM_032_A2_H11	ZM_032_A2_H11_T7C	
34422	ZM_032_A2_H11		ZM_032_A2_H11_MR
34423	ZM_032_A2_H12	ZM_032_A2_H12_T7C	
34424	ZM_032_A2_H12		ZM_032_A2_H12_MR
34425	ZM_032_B1_A01	ZM_032_B1_A01_T7C	
34426	ZM_032_B1_A01		ZM_032_B1_A01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34427	ZM_032_B1_A02	ZM_032_B1_A02_T7C	
34428	ZM_032_B1_A02		ZM_032_B1_A02_MR
34429	ZM_032_B1_A03	ZM_032_B1_A03_T7C	
34430	ZM_032_B1_A03		ZM_032_B1_A03_MR
34431	ZM_032_B1_A04	ZM_032_B1_A04_T7C	
34432	ZM_032_B1_A05	ZM_032_B1_A05_T7C	
34433	ZM_032_B1_A05		ZM_032_B1_A05_MR
34434	ZM_032_B1_A06	ZM_032_B1_A06_T7C	
34435	ZM_032_B1_A06		ZM_032_B1_A06_MR
34436	ZM_032_B1_A07	ZM_032_B1_A07_T7C	
34437	ZM_032_B1_A07		ZM_032_B1_A07_MR
34438	ZM_032_B1_A08	ZM_032_B1_A08_T7C	
34439	ZM_032_B1_A08		ZM_032_B1_A08_MR
34440	ZM_032_B1_A09	ZM_032_B1_A09_T7C	
34441	ZM_032_B1_A09		ZM_032_B1_A09_MR
34442	ZM_032_B1_A10	ZM_032_B1_A10_T7C	
34443	ZM_032_B1_A10		ZM_032_B1_A10_MR
34444	ZM_032_B1_A11	ZM_032_B1_A11_T7C	
34445	ZM_032_B1_A11		ZM_032_B1_A11_MR
34446	ZM_032_B1_A12		ZM_032_B1_A12_MR
34447	ZM_032_B1_B01	ZM_032_B1_B01_T7C	
34448	ZM_032_B1_B01		ZM_032_B1_B01_MR
34449	ZM_032_B1_B02	ZM_032_B1_B02_T7C	
34450	ZM_032_B1_B02		ZM_032_B1_B02_MR
34451	ZM_032_B1_B03	ZM_032_B1_B03_T7C	
34452	ZM_032_B1_B03		ZM_032_B1_B03_MR
34453	ZM_032_B1_B05	ZM_032_B1_B05_T7C	
34454	ZM_032_B1_B05		ZM_032_B1_B05_MR
34455	ZM_032_B1_B06	ZM_032_B1_B06_T7C	
34456	ZM_032_B1_B06		ZM_032_B1_B06_MR
34457	ZM_032_B1_B07	ZM_032_B1_B07_T7C	
34458	ZM_032_B1_B07		ZM_032_B1_B07_MR
34459	ZM_032_B1_B09	ZM_032_B1_B09_T7C	
34460	ZM_032_B1_B09		ZM_032_B1_B09_MR
34461	ZM_032_B1_B10	ZM_032_B1_B10_T7C	
34462	ZM_032_B1_B10		ZM_032_B1_B10_MR
34463	ZM_032_B1_B11	ZM_032_B1_B11_T7C	
34464	ZM_032_B1_B11		ZM_032_B1_B11_MR
34465	ZM_032_B1_B12	ZM_032_B1_B12_T7C	
34466	ZM_032_B1_B12		ZM_032_B1_B12_MR
34467	ZM_032_B1_C01	ZM_032_B1_C01_T7C	
34468	ZM_032_B1_C01		ZM_032_B1_C01_MR
34469	ZM_032_B1_C02	ZM_032_B1_C02_T7C	
34470	ZM_032_B1_C02		ZM_032_B1_C02_MR
34471	ZM_032_B1_C03	ZM_032_B1_C03_T7C	
34472	ZM_032_B1_C03		ZM_032_B1_C03_MR
34473	ZM_032_B1_C04	ZM_032_B1_C04_T7C	
34474	ZM_032_B1_C04		ZM_032_B1_C04_MR
34475	ZM_032_B1_C05	ZM_032_B1_C05_T7C	
34476	ZM_032_B1_C05		ZM_032_B1_C05_MR
34477	ZM_032_B1_C06	ZM_032_B1_C06_T7C	
34478	ZM_032_B1_C06		ZM_032_B1_C06_MR
34479	ZM_032_B1_C07	ZM_032_B1_C07_T7C	
34480	ZM_032_B1_C07		ZM_032_B1_C07_MR
34481	ZM_032_B1_C08	ZM_032_B1_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34482	ZM_032_B1_C08		ZM_032_B1_C08_MR
34483	ZM_032_B1_C10	ZM_032_B1_C10_T7C	
34484	ZM_032_B1_C10		ZM_032_B1_C10_MR
34485	ZM_032_B1_C11	ZM_032_B1_C11_T7C	
34486	ZM_032_B1_C11		ZM_032_B1_C11_MR
34487	ZM_032_B1_C12	ZM_032_B1_C12_T7C	
34488	ZM_032_B1_C12		ZM_032_B1_C12_MR
34489	ZM_032_B1_D01	ZM_032_B1_D01_T7C	
34490	ZM_032_B1_D01		ZM_032_B1_D01_MR
34491	ZM_032_B1_D02	ZM_032_B1_D02_T7C	
34492	ZM_032_B1_D02		ZM_032_B1_D02_MR
34493	ZM_032_B1_D03	ZM_032_B1_D03_T7C	
34494	ZM_032_B1_D03		ZM_032_B1_D03_MR
34495	ZM_032_B1_D04	ZM_032_B1_D04_T7C	
34496	ZM_032_B1_D04		ZM_032_B1_D04_MR
34497	ZM_032_B1_D06	ZM_032_B1_D06_T7C	
34498	ZM_032_B1_D06		ZM_032_B1_D06_MR
34499	ZM_032_B1_D07	ZM_032_B1_D07_T7C	
34500	ZM_032_B1_D07		ZM_032_B1_D07_MR
34501	ZM_032_B1_D08	ZM_032_B1_D08_T7C	
34502	ZM_032_B1_D09	ZM_032_B1_D09_T7C	
34503	ZM_032_B1_D09		ZM_032_B1_D09_MR
34504	ZM_032_B1_D10	ZM_032_B1_D10_T7C	
34505	ZM_032_B1_D10		ZM_032_B1_D10_MR
34506	ZM_032_B1_D11	ZM_032_B1_D11_T7C	
34507	ZM_032_B1_D11		ZM_032_B1_D11_MR
34508	ZM_032_B1_E01	ZM_032_B1_E01_T7C	
34509	ZM_032_B1_E01		ZM_032_B1_E01_MR
34510	ZM_032_B1_E02	ZM_032_B1_E02_T7C	
34511	ZM_032_B1_E02		ZM_032_B1_E02_MR
34512	ZM_032_B1_E03	ZM_032_B1_E03_T7C	
34513	ZM_032_B1_E04	ZM_032_B1_E04_T7C	
34514	ZM_032_B1_E04		ZM_032_B1_E04_MR
34515	ZM_032_B1_E05	ZM_032_B1_E05_T7C	
34516	ZM_032_B1_E05		ZM_032_B1_E05_MR
34517	ZM_032_B1_E06	ZM_032_B1_E06_T7C	
34518	ZM_032_B1_E06		ZM_032_B1_E06_MR
34519	ZM_032_B1_E07	ZM_032_B1_E07_T7C	
34520	ZM_032_B1_E07		ZM_032_B1_E07_MR
34521	ZM_032_B1_E08	ZM_032_B1_E08_T7C	
34522	ZM_032_B1_E08		ZM_032_B1_E08_MR
34523	ZM_032_B1_E09	ZM_032_B1_E09_T7C	
34524	ZM_032_B1_E09		ZM_032_B1_E09_MR
34525	ZM_032_B1_E10	ZM_032_B1_E10_T7C	
34526	ZM_032_B1_E10		ZM_032_B1_E10_MR
34527	ZM_032_B1_E11	ZM_032_B1_E11_T7C	
34528	ZM_032_B1_E11		ZM_032_B1_E11_MR
34529	ZM_032_B1_E12	ZM_032_B1_E12_T7C	
34530	ZM_032_B1_E12		ZM_032_B1_E12_MR
34531	ZM_032_B1_F01	ZM_032_B1_F01_T7C	
34532	ZM_032_B1_F01		ZM_032_B1_F01_MR
34533	ZM_032_B1_F02	ZM_032_B1_F02_T7C	
34534	ZM_032_B1_F02		ZM_032_B1_F02_MR
34535	ZM_032_B1_F03	ZM_032_B1_F03_T7C	
34536	ZM_032_B1_F03		ZM_032_B1_F03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34537	ZM_032_B1_F04	ZM_032_B1_F04_T7C	
34538	ZM_032_B1_F04		ZM_032_B1_F04_MR
34539	ZM_032_B1_F05	ZM_032_B1_F05_T7C	
34540	ZM_032_B1_F05		ZM_032_B1_F05_MR
34541	ZM_032_B1_F06	ZM_032_B1_F06_T7C	
34542	ZM_032_B1_F06		ZM_032_B1_F06_MR
34543	ZM_032_B1_F07	ZM_032_B1_F07_T7C	
34544	ZM_032_B1_F07		ZM_032_B1_F07_MR
34545	ZM_032_B1_F08	ZM_032_B1_F08_T7C	
34546	ZM_032_B1_F08		ZM_032_B1_F08_MR
34547	ZM_032_B1_F09	ZM_032_B1_F09_T7C	
34548	ZM_032_B1_F09		ZM_032_B1_F09_MR
34549	ZM_032_B1_F10		ZM_032_B1_F10_MR
34550	ZM_032_B1_F11	ZM_032_B1_F11_T7C	
34551	ZM_032_B1_F11		ZM_032_B1_F11_MR
34552	ZM_032_B1_F12	ZM_032_B1_F12_T7C	
34553	ZM_032_B1_G01	ZM_032_B1_G01_T7C	
34554	ZM_032_B1_G01		ZM_032_B1_G01_MR
34555	ZM_032_B1_G02	ZM_032_B1_G02_T7C	
34556	ZM_032_B1_G02		ZM_032_B1_G02_MR
34557	ZM_032_B1_G03	ZM_032_B1_G03_T7C	
34558	ZM_032_B1_G03		ZM_032_B1_G03_MR
34559	ZM_032_B1_G04	ZM_032_B1_G04_T7C	
34560	ZM_032_B1_G04		ZM_032_B1_G04_MR
34561	ZM_032_B1_G05	ZM_032_B1_G05_T7C	
34562	ZM_032_B1_G05		ZM_032_B1_G05_MR
34563	ZM_032_B1_G06	ZM_032_B1_G06_T7C	
34564	ZM_032_B1_G06		ZM_032_B1_G06_MR
34565	ZM_032_B1_G07	ZM_032_B1_G07_T7C	
34566	ZM_032_B1_G07		ZM_032_B1_G07_MR
34567	ZM_032_B1_G08	ZM_032_B1_G08_T7C	
34568	ZM_032_B1_G08		ZM_032_B1_G08_MR
34569	ZM_032_B1_G09	ZM_032_B1_G09_T7C	
34570	ZM_032_B1_G09		ZM_032_B1_G09_MR
34571	ZM_032_B1_G10	ZM_032_B1_G10_T7C	
34572	ZM_032_B1_G10		ZM_032_B1_G10_MR
34573	ZM_032_B1_G11	ZM_032_B1_G11_T7C	
34574	ZM_032_B1_G11		ZM_032_B1_G11_MR
34575	ZM_032_B1_G12	ZM_032_B1_G12_T7C	
34576	ZM_032_B1_G12		ZM_032_B1_G12_MR
34577	ZM_032_B1_H01	ZM_032_B1_H01_T7C	
34578	ZM_032_B1_H01		ZM_032_B1_H01_MR
34579	ZM_032_B1_H02	ZM_032_B1_H02_T7C	
34580	ZM_032_B1_H02		ZM_032_B1_H02_MR
34581	ZM_032_B1_H03	ZM_032_B1_H03_T7C	
34582	ZM_032_B1_H03		ZM_032_B1_H03_MR
34583	ZM_032_B1_H04	ZM_032_B1_H04_T7C	
34584	ZM_032_B1_H04		ZM_032_B1_H04_MR
34585	ZM_032_B1_H05	ZM_032_B1_H05_T7C	
34586	ZM_032_B1_H05		ZM_032_B1_H05_MR
34587	ZM_032_B1_H06	ZM_032_B1_H06_T7C	
34588	ZM_032_B1_H06		ZM_032_B1_H06_MR
34589	ZM_032_B1_H07	ZM_032_B1_H07_T7C	
34590	ZM_032_B1_H07		ZM_032_B1_H07_MR
34591	ZM_032_B1_H08	ZM_032_B1_H08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34592	ZM_032_B1_H08		ZM_032_B1_H08_MR
34593	ZM_032_B1_H09	ZM_032_B1_H09_T7C	
34594	ZM_032_B1_H09		ZM_032_B1_H09_MR
34595	ZM_032_B1_H10	ZM_032_B1_H10_T7C	
34596	ZM_032_B1_H10		ZM_032_B1_H10_MR
34597	ZM_032_B1_H11	ZM_032_B1_H11_T7C	
34598	ZM_032_B1_H11		ZM_032_B1_H11_MR
34599	ZM_032_B1_H12	ZM_032_B1_H12_T7C	
34600	ZM_032_B1_H12		ZM_032_B1_H12_MR
34601	ZM_032_B2_A02	ZM_032_B2_A02_T7C	
34602	ZM_032_B2_A02		ZM_032_B2_A02_MR
34603	ZM_032_B2_A03	ZM_032_B2_A03_T7C	
34604	ZM_032_B2_A03		ZM_032_B2_A03_MR
34605	ZM_032_B2_A04	ZM_032_B2_A04_T7C	
34606	ZM_032_B2_A04		ZM_032_B2_A04_MR
34607	ZM_032_B2_A05	ZM_032_B2_A05_T7C	
34608	ZM_032_B2_A05		ZM_032_B2_A05_MR
34609	ZM_032_B2_A06		ZM_032_B2_A06_MR
34610	ZM_032_B2_A07	ZM_032_B2_A07_T7C	
34611	ZM_032_B2_A07		ZM_032_B2_A07_MR
34612	ZM_032_B2_A08	ZM_032_B2_A08_T7C	
34613	ZM_032_B2_A08		ZM_032_B2_A08_MR
34614	ZM_032_B2_A09	ZM_032_B2_A09_T7C	
34615	ZM_032_B2_A09		ZM_032_B2_A09_MR
34616	ZM_032_B2_A10	ZM_032_B2_A10_T7C	
34617	ZM_032_B2_A10		ZM_032_B2_A10_MR
34618	ZM_032_B2_A11	ZM_032_B2_A11_T7C	
34619	ZM_032_B2_A11		ZM_032_B2_A11_MR
34620	ZM_032_B2_A12		ZM_032_B2_A12_MR
34621	ZM_032_B2_B01	ZM_032_B2_B01_T7C	
34622	ZM_032_B2_B01		ZM_032_B2_B01_MR
34623	ZM_032_B2_B02	ZM_032_B2_B02_T7C	
34624	ZM_032_B2_B02		ZM_032_B2_B02_MR
34625	ZM_032_B2_B03	ZM_032_B2_B03_T7C	
34626	ZM_032_B2_B03		ZM_032_B2_B03_MR
34627	ZM_032_B2_B04	ZM_032_B2_B04_T7C	
34628	ZM_032_B2_B04		ZM_032_B2_B04_MR
34629	ZM_032_B2_B05	ZM_032_B2_B05_T7C	
34630	ZM_032_B2_B05		ZM_032_B2_B05_MR
34631	ZM_032_B2_B06		ZM_032_B2_B06_MR
34632	ZM_032_B2_B07	ZM_032_B2_B07_T7C	
34633	ZM_032_B2_B07		ZM_032_B2_B07_MR
34634	ZM_032_B2_B08	ZM_032_B2_B08_T7C	
34635	ZM_032_B2_B08		ZM_032_B2_B08_MR
34636	ZM_032_B2_B09	ZM_032_B2_B09_T7C	
34637	ZM_032_B2_B09		ZM_032_B2_B09_MR
34638	ZM_032_B2_B11	ZM_032_B2_B11_T7C	
34639	ZM_032_B2_B11		ZM_032_B2_B11_MR
34640	ZM_032_B2_B12		ZM_032_B2_B12_MR
34641	ZM_032_B2_C01	ZM_032_B2_C01_T7C	
34642	ZM_032_B2_C01		ZM_032_B2_C01_MR
34643	ZM_032_B2_C02	ZM_032_B2_C02_T7C	
34644	ZM_032_B2_C02		ZM_032_B2_C02_MR
34645	ZM_032_B2_C03	ZM_032_B2_C03_T7C	
34646	ZM_032_B2_C03		ZM_032_B2_C03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34647	ZM_032_B2_C04	ZM_032_B2_C04_T7C	
34648	ZM_032_B2_C04		ZM_032_B2_C04_MR
34649	ZM_032_B2_C05	ZM_032_B2_C05_T7C	
34650	ZM_032_B2_C05		ZM_032_B2_C05_MR
34651	ZM_032_B2_C07	ZM_032_B2_C07_T7C	
34652	ZM_032_B2_C07		ZM_032_B2_C07_MR
34653	ZM_032_B2_C08	ZM_032_B2_C08_T7C	
34654	ZM_032_B2_C08		ZM_032_B2_C08_MR
34655	ZM_032_B2_C09	ZM_032_B2_C09_T7C	
34656	ZM_032_B2_C09		ZM_032_B2_C09_MR
34657	ZM_032_B2_C10	ZM_032_B2_C10_T7C	
34658	ZM_032_B2_C10		ZM_032_B2_C10_MR
34659	ZM_032_B2_C11	ZM_032_B2_C11_T7C	
34660	ZM_032_B2_C12	ZM_032_B2_C12_T7C	
34661	ZM_032_B2_C12		ZM_032_B2_C12_MR
34662	ZM_032_B2_D01	ZM_032_B2_D01_T7C	
34663	ZM_032_B2_D01		ZM_032_B2_D01_MR
34664	ZM_032_B2_D02	ZM_032_B2_D02_T7C	
34665	ZM_032_B2_D02		ZM_032_B2_D02_MR
34666	ZM_032_B2_D03	ZM_032_B2_D03_T7C	
34667	ZM_032_B2_D03		ZM_032_B2_D03_MR
34668	ZM_032_B2_D04	ZM_032_B2_D04_T7C	
34669	ZM_032_B2_D04		ZM_032_B2_D04_MR
34670	ZM_032_B2_D05	ZM_032_B2_D05_T7C	
34671	ZM_032_B2_D05		ZM_032_B2_D05_MR
34672	ZM_032_B2_D06	ZM_032_B2_D06_T7C	
34673	ZM_032_B2_D06		ZM_032_B2_D06_MR
34674	ZM_032_B2_D07	ZM_032_B2_D07_T7C	
34675	ZM_032_B2_D08	ZM_032_B2_D08_T7C	
34676	ZM_032_B2_D08		ZM_032_B2_D08_MR
34677	ZM_032_B2_D09	ZM_032_B2_D09_T7C	
34678	ZM_032_B2_D09		ZM_032_B2_D09_MR
34679	ZM_032_B2_D11	ZM_032_B2_D11_T7C	
34680	ZM_032_B2_D11		ZM_032_B2_D11_MR
34681	ZM_032_B2_D12	ZM_032_B2_D12_T7C	
34682	ZM_032_B2_D12		ZM_032_B2_D12_MR
34683	ZM_032_B2_E01	ZM_032_B2_E01_T7C	
34684	ZM_032_B2_E01		ZM_032_B2_E01_MR
34685	ZM_032_B2_E02	ZM_032_B2_E02_T7C	
34686	ZM_032_B2_E02		ZM_032_B2_E02_MR
34687	ZM_032_B2_E03	ZM_032_B2_E03_T7C	
34688	ZM_032_B2_E03		ZM_032_B2_E03_MR
34689	ZM_032_B2_E04	ZM_032_B2_E04_T7C	
34690	ZM_032_B2_E04		ZM_032_B2_E04_MR
34691	ZM_032_B2_E05	ZM_032_B2_E05_T7C	
34692	ZM_032_B2_E05		ZM_032_B2_E05_MR
34693	ZM_032_B2_E06	ZM_032_B2_E06_T7C	
34694	ZM_032_B2_E06		ZM_032_B2_E06_MR
34695	ZM_032_B2_E07		ZM_032_B2_E07_MR
34696	ZM_032_B2_E08	ZM_032_B2_E08_T7C	
34697	ZM_032_B2_E09	ZM_032_B2_E09_T7C	
34698	ZM_032_B2_E09		ZM_032_B2_E09_MR
34699	ZM_032_B2_E10	ZM_032_B2_E10_T7C	
34700	ZM_032_B2_E10		ZM_032_B2_E10_MR
34701	ZM_032_B2_E11		ZM_032_B2_E11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34702	ZM_032_B2_E12	ZM_032_B2_E12_T7C	ZM_032_B2_E12_MR
34703	ZM_032_B2_E12		
34704	ZM_032_B2_F01	ZM_032_B2_F01_T7C	ZM_032_B2_F01_MR
34705	ZM_032_B2_F01		
34706	ZM_032_B2_F02	ZM_032_B2_F02_T7C	ZM_032_B2_F02_MR
34707	ZM_032_B2_F02		
34708	ZM_032_B2_F03	ZM_032_B2_F03_T7C	ZM_032_B2_F03_MR
34709	ZM_032_B2_F03		
34710	ZM_032_B2_F04	ZM_032_B2_F04_T7C	ZM_032_B2_F04_MR
34711	ZM_032_B2_F04		
34712	ZM_032_B2_F05	ZM_032_B2_F05_T7C	ZM_032_B2_F05_MR
34713	ZM_032_B2_F05		ZM_032_B2_F06_MR
34714	ZM_032_B2_F06		
34715	ZM_032_B2_F07	ZM_032_B2_F07_T7C	ZM_032_B2_F07_MR
34716	ZM_032_B2_F07		
34717	ZM_032_B2_F08	ZM_032_B2_F08_T7C	ZM_032_B2_F08_MR
34718	ZM_032_B2_F08		
34719	ZM_032_B2_F09	ZM_032_B2_F09_T7C	ZM_032_B2_F09_MR
34720	ZM_032_B2_F09		
34721	ZM_032_B2_F10	ZM_032_B2_F10_T7C	ZM_032_B2_F10_MR
34722	ZM_032_B2_F10		
34723	ZM_032_B2_F11	ZM_032_B2_F11_T7C	ZM_032_B2_F11_MR
34724	ZM_032_B2_F11		
34725	ZM_032_B2_F12	ZM_032_B2_F12_T7C	ZM_032_B2_F12_MR
34726	ZM_032_B2_F12		
34727	ZM_032_B2_G01	ZM_032_B2_G01_T7C	ZM_032_B2_G01_MR
34728	ZM_032_B2_G01		
34729	ZM_032_B2_G02	ZM_032_B2_G02_T7C	ZM_032_B2_G02_MR
34730	ZM_032_B2_G02		
34731	ZM_032_B2_G03	ZM_032_B2_G03_T7C	ZM_032_B2_G03_MR
34732	ZM_032_B2_G03		
34733	ZM_032_B2_G04	ZM_032_B2_G04_T7C	ZM_032_B2_G04_MR
34734	ZM_032_B2_G04		
34735	ZM_032_B2_G05	ZM_032_B2_G05_T7C	ZM_032_B2_G05_MR
34736	ZM_032_B2_G05		ZM_032_B2_G06_MR
34737	ZM_032_B2_G06		
34738	ZM_032_B2_G07	ZM_032_B2_G07_T7C	ZM_032_B2_G07_MR
34739	ZM_032_B2_G07		
34740	ZM_032_B2_G08	ZM_032_B2_G08_T7C	ZM_032_B2_G08_MR
34741	ZM_032_B2_G08		
34742	ZM_032_B2_G09	ZM_032_B2_G09_T7C	ZM_032_B2_G09_MR
34743	ZM_032_B2_G09		
34744	ZM_032_B2_G10	ZM_032_B2_G10_T7C	ZM_032_B2_G10_MR
34745	ZM_032_B2_G10		
34746	ZM_032_B2_G11	ZM_032_B2_G11_T7C	ZM_032_B2_G11_MR
34747	ZM_032_B2_G11		
34748	ZM_032_B2_G12	ZM_032_B2_G12_T7C	ZM_032_B2_G12_MR
34749	ZM_032_B2_G12		
34750	ZM_032_B2_H01	ZM_032_B2_H01_T7C	ZM_032_B2_H01_MR
34751	ZM_032_B2_H01		
34752	ZM_032_B2_H02	ZM_032_B2_H02_T7C	ZM_032_B2_H02_MR
34753	ZM_032_B2_H02		
34754	ZM_032_B2_H03	ZM_032_B2_H03_T7C	ZM_032_B2_H03_MR
34755	ZM_032_B2_H03		
34756	ZM_032_B2_H04	ZM_032_B2_H04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34757	ZM_032_B2_H04		ZM_032_B2_H04_MR
34758	ZM_032_B2_H05	ZM_032_B2_H05_T7C	
34759	ZM_032_B2_H05		ZM_032_B2_H05_MR
34760	ZM_032_B2_H06	ZM_032_B2_H06_T7C	
34761	ZM_032_B2_H06		ZM_032_B2_H06_MR
34762	ZM_032_B2_H07	ZM_032_B2_H07_T7C	
34763	ZM_032_B2_H07		ZM_032_B2_H07_MR
34764	ZM_032_B2_H08	ZM_032_B2_H08_T7C	
34765	ZM_032_B2_H08		ZM_032_B2_H08_MR
34766	ZM_032_B2_H09	ZM_032_B2_H09_T7C	
34767	ZM_032_B2_H09		ZM_032_B2_H09_MR
34768	ZM_032_B2_H10		ZM_032_B2_H10_MR
34769	ZM_032_B2_H11	ZM_032_B2_H11_T7C	
34770	ZM_032_B2_H11		ZM_032_B2_H11_MR
34771	ZM_032_B2_H12	ZM_032_B2_H12_T7C	
34772	ZM_032_B2_H12		ZM_032_B2_H12_MR
34773	ZM_033_A1_A01	ZM_033_A1_A01_T7C	
34774	ZM_033_A1_A02	ZM_033_A1_A02_T7C	
34775	ZM_033_A1_A02		ZM_033_A1_A02_MR
34776	ZM_033_A1_A03	ZM_033_A1_A03_T7C	
34777	ZM_033_A1_A03		ZM_033_A1_A03_MR
34778	ZM_033_A1_A04	ZM_033_A1_A04_T7C	
34779	ZM_033_A1_A04		ZM_033_A1_A04_MR
34780	ZM_033_A1_A05	ZM_033_A1_A05_T7C	
34781	ZM_033_A1_A05		ZM_033_A1_A05_MR
34782	ZM_033_A1_A06	ZM_033_A1_A06_T7C	
34783	ZM_033_A1_A06		ZM_033_A1_A06_MR
34784	ZM_033_A1_A07	ZM_033_A1_A07_T7C	
34785	ZM_033_A1_A07		ZM_033_A1_A07_MR
34786	ZM_033_A1_A08	ZM_033_A1_A08_T7C	
34787	ZM_033_A1_A08		ZM_033_A1_A08_MR
34788	ZM_033_A1_A09	ZM_033_A1_A09_T7C	
34789	ZM_033_A1_A09		ZM_033_A1_A09_MR
34790	ZM_033_A1_A10	ZM_033_A1_A10_T7C	
34791	ZM_033_A1_A10		ZM_033_A1_A10_MR
34792	ZM_033_A1_A11	ZM_033_A1_A11_T7C	
34793	ZM_033_A1_A11		ZM_033_A1_A11_MR
34794	ZM_033_A1_A12	ZM_033_A1_A12_T7C	
34795	ZM_033_A1_A12		ZM_033_A1_A12_MR
34796	ZM_033_A1_B01	ZM_033_A1_B01_T7C	
34797	ZM_033_A1_B01		ZM_033_A1_B01_MR
34798	ZM_033_A1_B02	ZM_033_A1_B02_T7C	
34799	ZM_033_A1_B02		ZM_033_A1_B02_MR
34800	ZM_033_A1_B03	ZM_033_A1_B03_T7C	
34801	ZM_033_A1_B03		ZM_033_A1_B03_MR
34802	ZM_033_A1_B04	ZM_033_A1_B04_T7C	
34803	ZM_033_A1_B04		ZM_033_A1_B04_MR
34804	ZM_033_A1_B05	ZM_033_A1_B05_T7C	
34805	ZM_033_A1_B05		ZM_033_A1_B05_MR
34806	ZM_033_A1_B06	ZM_033_A1_B06_T7C	
34807	ZM_033_A1_B06		ZM_033_A1_B06_MR
34808	ZM_033_A1_B07	ZM_033_A1_B07_T7C	
34809	ZM_033_A1_B07		ZM_033_A1_B07_MR
34810	ZM_033_A1_B08	ZM_033_A1_B08_T7C	
34811	ZM_033_A1_B08		ZM_033_A1_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34812	ZM_033_A1_B09	ZM_033_A1_B09_T7C	ZM_033_A1_B09_MR
34813	ZM_033_A1_B09		
34814	ZM_033_A1_B10	ZM_033_A1_B10_T7C	ZM_033_A1_B10_MR
34815	ZM_033_A1_B10		
34816	ZM_033_A1_B11	ZM_033_A1_B11_T7C	ZM_033_A1_B11_MR
34817	ZM_033_A1_B11		ZM_033_A1_B12_MR
34818	ZM_033_A1_B12		
34819	ZM_033_A1_C01	ZM_033_A1_C01_T7C	ZM_033_A1_C01_MR
34820	ZM_033_A1_C01		
34821	ZM_033_A1_C02	ZM_033_A1_C02_T7C	ZM_033_A1_C02_MR
34822	ZM_033_A1_C02		
34823	ZM_033_A1_C03	ZM_033_A1_C03_T7C	ZM_033_A1_C03_MR
34824	ZM_033_A1_C03		
34825	ZM_033_A1_C04	ZM_033_A1_C04_T7C	ZM_033_A1_C04_MR
34826	ZM_033_A1_C04		
34827	ZM_033_A1_C05	ZM_033_A1_C05_T7C	ZM_033_A1_C05_MR
34828	ZM_033_A1_C05		
34829	ZM_033_A1_C06	ZM_033_A1_C06_T7C	ZM_033_A1_C06_MR
34830	ZM_033_A1_C06		
34831	ZM_033_A1_C07	ZM_033_A1_C07_T7C	ZM_033_A1_C07_MR
34832	ZM_033_A1_C07		
34833	ZM_033_A1_C08	ZM_033_A1_C08_T7C	ZM_033_A1_C08_MR
34834	ZM_033_A1_C08		
34835	ZM_033_A1_C09	ZM_033_A1_C09_T7C	
34836	ZM_033_A1_C10	ZM_033_A1_C10_T7C	ZM_033_A1_C10_MR
34837	ZM_033_A1_C10		
34838	ZM_033_A1_C11	ZM_033_A1_C11_T7C	ZM_033_A1_C11_MR
34839	ZM_033_A1_C11		
34840	ZM_033_A1_C12	ZM_033_A1_C12_T7C	
34841	ZM_033_A1_D01	ZM_033_A1_D01_T7C	ZM_033_A1_D01_MR
34842	ZM_033_A1_D01		
34843	ZM_033_A1_D02	ZM_033_A1_D02_T7C	ZM_033_A1_D02_MR
34844	ZM_033_A1_D02		
34845	ZM_033_A1_D03	ZM_033_A1_D03_T7C	ZM_033_A1_D03_MR
34846	ZM_033_A1_D03		
34847	ZM_033_A1_D04	ZM_033_A1_D04_T7C	ZM_033_A1_D04_MR
34848	ZM_033_A1_D04		
34849	ZM_033_A1_D05	ZM_033_A1_D05_T7C	ZM_033_A1_D05_MR
34850	ZM_033_A1_D05		
34851	ZM_033_A1_D06	ZM_033_A1_D06_T7C	ZM_033_A1_D06_MR
34852	ZM_033_A1_D06		
34853	ZM_033_A1_D07	ZM_033_A1_D07_T7C	ZM_033_A1_D07_MR
34854	ZM_033_A1_D07		
34855	ZM_033_A1_D08	ZM_033_A1_D08_T7C	ZM_033_A1_D08_MR
34856	ZM_033_A1_D08		
34857	ZM_033_A1_D09	ZM_033_A1_D09_T7C	ZM_033_A1_D09_MR
34858	ZM_033_A1_D09		
34859	ZM_033_A1_D10	ZM_033_A1_D10_T7C	ZM_033_A1_D10_MR
34860	ZM_033_A1_D10		
34861	ZM_033_A1_D11	ZM_033_A1_D11_T7C	ZM_033_A1_D11_MR
34862	ZM_033_A1_D11		
34863	ZM_033_A1_D12	ZM_033_A1_D12_T7C	ZM_033_A1_D12_MR
34864	ZM_033_A1_D12		
34865	ZM_033_A1_E01	ZM_033_A1_E01_T7C	ZM_033_A1_E01_MR
34866	ZM_033_A1_E01		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34867	ZM_033_A1_E02	ZM_033_A1_E02_T7C	
34868	ZM_033_A1_E03	ZM_033_A1_E03_T7C	
34869	ZM_033_A1_E03		ZM_033_A1_E03_MR
34870	ZM_033_A1_E05	ZM_033_A1_E05_T7C	
34871	ZM_033_A1_E05		ZM_033_A1_E05_MR
34872	ZM_033_A1_E06	ZM_033_A1_E06_T7C	
34873	ZM_033_A1_E07	ZM_033_A1_E07_T7C	
34874	ZM_033_A1_E07		ZM_033_A1_E07_MR
34875	ZM_033_A1_E08	ZM_033_A1_E08_T7C	
34876	ZM_033_A1_E08		ZM_033_A1_E08_MR
34877	ZM_033_A1_E09	ZM_033_A1_E09_T7C	
34878	ZM_033_A1_E09		ZM_033_A1_E09_MR
34879	ZM_033_A1_E10	ZM_033_A1_E10_T7C	
34880	ZM_033_A1_E10		ZM_033_A1_E10_MR
34881	ZM_033_A1_E11	ZM_033_A1_E11_T7C	
34882	ZM_033_A1_E11		ZM_033_A1_E11_MR
34883	ZM_033_A1_E12	ZM_033_A1_E12_T7C	
34884	ZM_033_A1_E12		ZM_033_A1_E12_MR
34885	ZM_033_A1_F01	ZM_033_A1_F01_T7C	
34886	ZM_033_A1_F01		ZM_033_A1_F01_MR
34887	ZM_033_A1_F02	ZM_033_A1_F02_T7C	
34888	ZM_033_A1_F02		ZM_033_A1_F02_MR
34889	ZM_033_A1_F03	ZM_033_A1_F03_T7C	
34890	ZM_033_A1_F03		ZM_033_A1_F03_MR
34891	ZM_033_A1_F04	ZM_033_A1_F04_T7C	
34892	ZM_033_A1_F04		ZM_033_A1_F04_MR
34893	ZM_033_A1_F05	ZM_033_A1_F05_T7C	
34894	ZM_033_A1_F05		ZM_033_A1_F05_MR
34895	ZM_033_A1_F06	ZM_033_A1_F06_T7C	
34896	ZM_033_A1_F06		ZM_033_A1_F06_MR
34897	ZM_033_A1_F07	ZM_033_A1_F07_T7C	
34898	ZM_033_A1_F07		ZM_033_A1_F07_MR
34899	ZM_033_A1_F08	ZM_033_A1_F08_T7C	
34900	ZM_033_A1_F08		ZM_033_A1_F08_MR
34901	ZM_033_A1_F09	ZM_033_A1_F09_T7C	
34902	ZM_033_A1_F09		ZM_033_A1_F09_MR
34903	ZM_033_A1_F10	ZM_033_A1_F10_T7C	
34904	ZM_033_A1_F10		ZM_033_A1_F10_MR
34905	ZM_033_A1_F11	ZM_033_A1_F11_T7C	
34906	ZM_033_A1_F11		ZM_033_A1_F11_MR
34907	ZM_033_A1_F12		ZM_033_A1_F12_MR
34908	ZM_033_A1_G02	ZM_033_A1_G02_T7C	
34909	ZM_033_A1_G02		ZM_033_A1_G02_MR
34910	ZM_033_A1_G03	ZM_033_A1_G03_T7C	
34911	ZM_033_A1_G03		ZM_033_A1_G03_MR
34912	ZM_033_A1_G04	ZM_033_A1_G04_T7C	
34913	ZM_033_A1_G04		ZM_033_A1_G04_MR
34914	ZM_033_A1_G05	ZM_033_A1_G05_T7C	
34915	ZM_033_A1_G05		ZM_033_A1_G05_MR
34916	ZM_033_A1_G06	ZM_033_A1_G06_T7C	
34917	ZM_033_A1_G06		ZM_033_A1_G06_MR
34918	ZM_033_A1_G07	ZM_033_A1_G07_T7C	
34919	ZM_033_A1_G07		ZM_033_A1_G07_MR
34920	ZM_033_A1_G08	ZM_033_A1_G08_T7C	
34921	ZM_033_A1_G08		ZM_033_A1_G08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34922	ZM_033_A1_G09	ZM_033_A1_G09_T7C	
34923	ZM_033_A1_G09		ZM_033_A1_G09_MR
34924	ZM_033_A1_G10	ZM_033_A1_G10_T7C	
34925	ZM_033_A1_G10		ZM_033_A1_G10_MR
34926	ZM_033_A1_G11	ZM_033_A1_G11_T7C	
34927	ZM_033_A1_G11		ZM_033_A1_G11_MR
34928	ZM_033_A1_G12	ZM_033_A1_G12_T7C	
34929	ZM_033_A1_G12		ZM_033_A1_G12_MR
34930	ZM_033_A1_H01	ZM_033_A1_H01_T7C	
34931	ZM_033_A1_H01		ZM_033_A1_H01_MR
34932	ZM_033_A1_H02	ZM_033_A1_H02_T7C	
34933	ZM_033_A1_H02		ZM_033_A1_H02_MR
34934	ZM_033_A1_H03	ZM_033_A1_H03_T7C	
34935	ZM_033_A1_H03		ZM_033_A1_H03_MR
34936	ZM_033_A1_H04	ZM_033_A1_H04_T7C	
34937	ZM_033_A1_H04		ZM_033_A1_H04_MR
34938	ZM_033_A1_H05	ZM_033_A1_H05_T7C	
34939	ZM_033_A1_H05		ZM_033_A1_H05_MR
34940	ZM_033_A1_H06	ZM_033_A1_H06_T7C	
34941	ZM_033_A1_H06		ZM_033_A1_H06_MR
34942	ZM_033_A1_H07	ZM_033_A1_H07_T7C	
34943	ZM_033_A1_H08	ZM_033_A1_H08_T7C	
34944	ZM_033_A1_H08		ZM_033_A1_H08_MR
34945	ZM_033_A1_H09	ZM_033_A1_H09_T7C	
34946	ZM_033_A1_H09		ZM_033_A1_H09_MR
34947	ZM_033_A1_H10	ZM_033_A1_H10_T7C	
34948	ZM_033_A1_H10		ZM_033_A1_H10_MR
34949	ZM_033_A1_H11	ZM_033_A1_H11_T7C	
34950	ZM_033_A1_H11		ZM_033_A1_H11_MR
34951	ZM_033_A1_H12	ZM_033_A1_H12_T7C	
34952	ZM_033_A1_H12		ZM_033_A1_H12_MR
34953	ZM_033_A2_A01		ZM_033_A2_A01_MR
34954	ZM_033_A2_A02	ZM_033_A2_A02_T7C	
34955	ZM_033_A2_A02		ZM_033_A2_A02_MR
34956	ZM_033_A2_A03	ZM_033_A2_A03_T7C	
34957	ZM_033_A2_A03		ZM_033_A2_A03_MR
34958	ZM_033_A2_A04	ZM_033_A2_A04_T7C	
34959	ZM_033_A2_A04		ZM_033_A2_A04_MR
34960	ZM_033_A2_A05	ZM_033_A2_A05_T7C	
34961	ZM_033_A2_A05		ZM_033_A2_A05_MR
34962	ZM_033_A2_A06	ZM_033_A2_A06_T7C	
34963	ZM_033_A2_A06		ZM_033_A2_A06_MR
34964	ZM_033_A2_A07	ZM_033_A2_A07_T7C	
34965	ZM_033_A2_A07		ZM_033_A2_A07_MR
34966	ZM_033_A2_A08	ZM_033_A2_A08_T7C	
34967	ZM_033_A2_A08		ZM_033_A2_A08_MR
34968	ZM_033_A2_A09	ZM_033_A2_A09_T7C	
34969	ZM_033_A2_A09		ZM_033_A2_A09_MR
34970	ZM_033_A2_A10	ZM_033_A2_A10_T7C	
34971	ZM_033_A2_A10		ZM_033_A2_A10_MR
34972	ZM_033_A2_A11	ZM_033_A2_A11_T7C	
34973	ZM_033_A2_A11		ZM_033_A2_A11_MR
34974	ZM_033_A2_A12	ZM_033_A2_A12_T7C	
34975	ZM_033_A2_A12		ZM_033_A2_A12_MR
34976	ZM_033_A2_B01	ZM_033_A2_B01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
34977	ZM_033_A2_B01		ZM_033_A2_B01_MR
34978	ZM_033_A2_B02	ZM_033_A2_B02_T7C	
34979	ZM_033_A2_B02		ZM_033_A2_B02_MR
34980	ZM_033_A2_B03	ZM_033_A2_B03_T7C	
34981	ZM_033_A2_B03		ZM_033_A2_B03_MR
34982	ZM_033_A2_B04	ZM_033_A2_B04_T7C	
34983	ZM_033_A2_B04		ZM_033_A2_B04_MR
34984	ZM_033_A2_B05	ZM_033_A2_B05_T7C	
34985	ZM_033_A2_B05		ZM_033_A2_B05_MR
34986	ZM_033_A2_B06	ZM_033_A2_B06_T7C	
34987	ZM_033_A2_B06		ZM_033_A2_B06_MR
34988	ZM_033_A2_B07	ZM_033_A2_B07_T7C	
34989	ZM_033_A2_B07		ZM_033_A2_B07_MR
34990	ZM_033_A2_B08	ZM_033_A2_B08_T7C	
34991	ZM_033_A2_B08		ZM_033_A2_B08_MR
34992	ZM_033_A2_B10	ZM_033_A2_B10_T7C	
34993	ZM_033_A2_B10		ZM_033_A2_B10_MR
34994	ZM_033_A2_B11	ZM_033_A2_B11_T7C	
34995	ZM_033_A2_B11		ZM_033_A2_B11_MR
34996	ZM_033_A2_B12	ZM_033_A2_B12_T7C	
34997	ZM_033_A2_B12		ZM_033_A2_B12_MR
34998	ZM_033_A2_C01	ZM_033_A2_C01_T7C	
34999	ZM_033_A2_C01		ZM_033_A2_C01_MR
35000	ZM_033_A2_C02	ZM_033_A2_C02_T7C	
35001	ZM_033_A2_C02		ZM_033_A2_C02_MR
35002	ZM_033_A2_C03	ZM_033_A2_C03_T7C	
35003	ZM_033_A2_C03		ZM_033_A2_C03_MR
35004	ZM_033_A2_C04	ZM_033_A2_C04_T7C	
35005	ZM_033_A2_C04		ZM_033_A2_C04_MR
35006	ZM_033_A2_C05	ZM_033_A2_C05_T7C	
35007	ZM_033_A2_C05		ZM_033_A2_C05_MR
35008	ZM_033_A2_C06	ZM_033_A2_C06_T7C	
35009	ZM_033_A2_C06		ZM_033_A2_C06_MR
35010	ZM_033_A2_C07	ZM_033_A2_C07_T7C	
35011	ZM_033_A2_C07		ZM_033_A2_C07_MR
35012	ZM_033_A2_C08	ZM_033_A2_C08_T7C	
35013	ZM_033_A2_C08		ZM_033_A2_C08_MR
35014	ZM_033_A2_C09		ZM_033_A2_C09_MR
35015	ZM_033_A2_C10	ZM_033_A2_C10_T7C	
35016	ZM_033_A2_C10		ZM_033_A2_C10_MR
35017	ZM_033_A2_C11	ZM_033_A2_C11_T7C	
35018	ZM_033_A2_C11		ZM_033_A2_C11_MR
35019	ZM_033_A2_C12	ZM_033_A2_C12_T7C	
35020	ZM_033_A2_C12		ZM_033_A2_C12_MR
35021	ZM_033_A2_D01	ZM_033_A2_D01_T7C	
35022	ZM_033_A2_D01		ZM_033_A2_D01_MR
35023	ZM_033_A2_D02	ZM_033_A2_D02_T7C	
35024	ZM_033_A2_D02		ZM_033_A2_D02_MR
35025	ZM_033_A2_D04	ZM_033_A2_D04_T7C	
35026	ZM_033_A2_D04		ZM_033_A2_D04_MR
35027	ZM_033_A2_D05	ZM_033_A2_D05_T7C	
35028	ZM_033_A2_D05		ZM_033_A2_D05_MR
35029	ZM_033_A2_D06	ZM_033_A2_D06_T7C	
35030	ZM_033_A2_D06		ZM_033_A2_D06_MR
35031	ZM_033_A2_D07	ZM_033_A2_D07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35032	ZM_033_A2_D07		ZM_033_A2_D07_MR
35033	ZM_033_A2_D08	ZM_033_A2_D08_T7C	
35034	ZM_033_A2_D08		ZM_033_A2_D08_MR
35035	ZM_033_A2_D09	ZM_033_A2_D09_T7C	
35036	ZM_033_A2_D09		ZM_033_A2_D09_MR
35037	ZM_033_A2_D10	ZM_033_A2_D10_T7C	
35038	ZM_033_A2_D10		ZM_033_A2_D10_MR
35039	ZM_033_A2_D11	ZM_033_A2_D11_T7C	
35040	ZM_033_A2_D11		ZM_033_A2_D11_MR
35041	ZM_033_A2_D12	ZM_033_A2_D12_T7C	
35042	ZM_033_A2_D12		ZM_033_A2_D12_MR
35043	ZM_033_A2_E01	ZM_033_A2_E01_T7C	
35044	ZM_033_A2_E01		ZM_033_A2_E01_MR
35045	ZM_033_A2_E02	ZM_033_A2_E02_T7C	
35046	ZM_033_A2_E02		ZM_033_A2_E02_MR
35047	ZM_033_A2_E03	ZM_033_A2_E03_T7C	
35048	ZM_033_A2_E03		ZM_033_A2_E03_MR
35049	ZM_033_A2_E04	ZM_033_A2_E04_T7C	
35050	ZM_033_A2_E04		ZM_033_A2_E04_MR
35051	ZM_033_A2_E05	ZM_033_A2_E05_T7C	
35052	ZM_033_A2_E06	ZM_033_A2_E06_T7C	
35053	ZM_033_A2_E06		ZM_033_A2_E06_MR
35054	ZM_033_A2_E07	ZM_033_A2_E07_T7C	
35055	ZM_033_A2_E07		ZM_033_A2_E07_MR
35056	ZM_033_A2_E08	ZM_033_A2_E08_T7C	
35057	ZM_033_A2_E08		ZM_033_A2_E08_MR
35058	ZM_033_A2_E09		ZM_033_A2_E09_MR
35059	ZM_033_A2_E11	ZM_033_A2_E11_T7C	
35060	ZM_033_A2_E11		ZM_033_A2_E11_MR
35061	ZM_033_A2_E12	ZM_033_A2_E12_T7C	
35062	ZM_033_A2_E12		ZM_033_A2_E12_MR
35063	ZM_033_A2_F01	ZM_033_A2_F01_T7C	
35064	ZM_033_A2_F01		ZM_033_A2_F01_MR
35065	ZM_033_A2_F02	ZM_033_A2_F02_T7C	
35066	ZM_033_A2_F02		ZM_033_A2_F02_MR
35067	ZM_033_A2_F03		ZM_033_A2_F03_MR
35068	ZM_033_A2_F04	ZM_033_A2_F04_T7C	
35069	ZM_033_A2_F04		ZM_033_A2_F04_MR
35070	ZM_033_A2_F05	ZM_033_A2_F05_T7C	
35071	ZM_033_A2_F06	ZM_033_A2_F06_T7C	
35072	ZM_033_A2_F06		ZM_033_A2_F06_MR
35073	ZM_033_A2_F07	ZM_033_A2_F07_T7C	
35074	ZM_033_A2_F07		ZM_033_A2_F07_MR
35075	ZM_033_A2_F08	ZM_033_A2_F08_T7C	
35076	ZM_033_A2_F08		ZM_033_A2_F08_MR
35077	ZM_033_A2_F09	ZM_033_A2_F09_T7C	
35078	ZM_033_A2_F09		ZM_033_A2_F09_MR
35079	ZM_033_A2_F11	ZM_033_A2_F11_T7C	
35080	ZM_033_A2_F11		ZM_033_A2_F11_MR
35081	ZM_033_A2_F12	ZM_033_A2_F12_T7C	
35082	ZM_033_A2_F12		ZM_033_A2_F12_MR
35083	ZM_033_A2_G01	ZM_033_A2_G01_T7C	
35084	ZM_033_A2_G01		ZM_033_A2_G01_MR
35085	ZM_033_A2_G02	ZM_033_A2_G02_T7C	
35086	ZM_033_A2_G02		ZM_033_A2_G02_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35087	ZM_033_A2_G03	ZM_033_A2_G03_T7C	
35088	ZM_033_A2_G03		ZM_033_A2_G03_MR
35089	ZM_033_A2_G04	ZM_033_A2_G04_T7C	
35090	ZM_033_A2_G05		ZM_033_A2_G05_MR
35091	ZM_033_A2_G06	ZM_033_A2_G06_T7C	
35092	ZM_033_A2_G06		ZM_033_A2_G06_MR
35093	ZM_033_A2_G07	ZM_033_A2_G07_T7C	
35094	ZM_033_A2_G07		ZM_033_A2_G07_MR
35095	ZM_033_A2_G08	ZM_033_A2_G08_T7C	
35096	ZM_033_A2_G08		ZM_033_A2_G08_MR
35097	ZM_033_A2_G09	ZM_033_A2_G09_T7C	
35098	ZM_033_A2_G09		ZM_033_A2_G09_MR
35099	ZM_033_A2_G10	ZM_033_A2_G10_T7C	
35100	ZM_033_A2_G10		ZM_033_A2_G10_MR
35101	ZM_033_A2_G11	ZM_033_A2_G11_T7C	
35102	ZM_033_A2_G11		ZM_033_A2_G11_MR
35103	ZM_033_A2_G12	ZM_033_A2_G12_T7C	
35104	ZM_033_A2_G12		ZM_033_A2_G12_MR
35105	ZM_033_A2_H01	ZM_033_A2_H01_T7C	
35106	ZM_033_A2_H01		ZM_033_A2_H01_MR
35107	ZM_033_A2_H02	ZM_033_A2_H02_T7C	
35108	ZM_033_A2_H02		ZM_033_A2_H02_MR
35109	ZM_033_A2_H03	ZM_033_A2_H03_T7C	
35110	ZM_033_A2_H03		ZM_033_A2_H03_MR
35111	ZM_033_A2_H04	ZM_033_A2_H04_T7C	
35112	ZM_033_A2_H04		ZM_033_A2_H04_MR
35113	ZM_033_A2_H05	ZM_033_A2_H05_T7C	
35114	ZM_033_A2_H05		ZM_033_A2_H05_MR
35115	ZM_033_A2_H06	ZM_033_A2_H06_T7C	
35116	ZM_033_A2_H06		ZM_033_A2_H06_MR
35117	ZM_033_A2_H07	ZM_033_A2_H07_T7C	
35118	ZM_033_A2_H07		ZM_033_A2_H07_MR
35119	ZM_033_A2_H08	ZM_033_A2_H08_T7C	
35120	ZM_033_A2_H08		ZM_033_A2_H08_MR
35121	ZM_033_A2_H09	ZM_033_A2_H09_T7C	
35122	ZM_033_A2_H09		ZM_033_A2_H09_MR
35123	ZM_033_A2_H10	ZM_033_A2_H10_T7C	
35124	ZM_033_A2_H10		ZM_033_A2_H10_MR
35125	ZM_033_A2_H11	ZM_033_A2_H11_T7C	
35126	ZM_033_A2_H11		ZM_033_A2_H11_MR
35127	ZM_033_A2_H12	ZM_033_A2_H12_T7C	
35128	ZM_033_A2_H12		ZM_033_A2_H12_MR
35129	ZM_033_B1_A01	ZM_033_B1_A01_T7C	
35130	ZM_033_B1_A02	ZM_033_B1_A02_T7C	
35131	ZM_033_B1_A03	ZM_033_B1_A03_T7C	
35132	ZM_033_B1_A03		ZM_033_B1_A03_MR
35133	ZM_033_B1_A04	ZM_033_B1_A04_T7C	
35134	ZM_033_B1_A04		ZM_033_B1_A04_MR
35135	ZM_033_B1_A05	ZM_033_B1_A05_T7C	
35136	ZM_033_B1_A05		ZM_033_B1_A05_MR
35137	ZM_033_B1_A06	ZM_033_B1_A06_T7C	
35138	ZM_033_B1_A06		ZM_033_B1_A06_MR
35139	ZM_033_B1_A07	ZM_033_B1_A07_T7C	
35140	ZM_033_B1_A07		ZM_033_B1_A07_MR
35141	ZM_033_B1_A08	ZM_033_B1_A08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35142	ZM_033_B1_A08		ZM_033_B1_A08_MR
35143	ZM_033_B1_A09	ZM_033_B1_A09_T7C	
35144	ZM_033_B1_A09		ZM_033_B1_A09_MR
35145	ZM_033_B1_A10	ZM_033_B1_A10_T7C	
35146	ZM_033_B1_A10		ZM_033_B1_A10_MR
35147	ZM_033_B1_A11	ZM_033_B1_A11_T7C	
35148	ZM_033_B1_A11		ZM_033_B1_A11_MR
35149	ZM_033_B1_A12	ZM_033_B1_A12_T7C	
35150	ZM_033_B1_A12		ZM_033_B1_A12_MR
35151	ZM_033_B1_B01	ZM_033_B1_B01_T7C	
35152	ZM_033_B1_B01		ZM_033_B1_B01_MR
35153	ZM_033_B1_B02	ZM_033_B1_B02_T7C	
35154	ZM_033_B1_B02		ZM_033_B1_B02_MR
35155	ZM_033_B1_B03	ZM_033_B1_B03_T7C	
35156	ZM_033_B1_B03		ZM_033_B1_B03_MR
35157	ZM_033_B1_B04	ZM_033_B1_B04_T7C	
35158	ZM_033_B1_B04		ZM_033_B1_B04_MR
35159	ZM_033_B1_B05	ZM_033_B1_B05_T7C	
35160	ZM_033_B1_B05		ZM_033_B1_B05_MR
35161	ZM_033_B1_B06	ZM_033_B1_B06_T7C	
35162	ZM_033_B1_B06		ZM_033_B1_B06_MR
35163	ZM_033_B1_B07	ZM_033_B1_B07_T7C	
35164	ZM_033_B1_B07		ZM_033_B1_B07_MR
35165	ZM_033_B1_B09	ZM_033_B1_B09_T7C	
35166	ZM_033_B1_B09		ZM_033_B1_B09_MR
35167	ZM_033_B1_B10	ZM_033_B1_B10_T7C	
35168	ZM_033_B1_B10		ZM_033_B1_B10_MR
35169	ZM_033_B1_B11	ZM_033_B1_B11_T7C	
35170	ZM_033_B1_B11		ZM_033_B1_B11_MR
35171	ZM_033_B1_B12	ZM_033_B1_B12_T7C	
35172	ZM_033_B1_C01	ZM_033_B1_C01_T7C	
35173	ZM_033_B1_C01		ZM_033_B1_C01_MR
35174	ZM_033_B1_C02	ZM_033_B1_C02_T7C	
35175	ZM_033_B1_C02		ZM_033_B1_C02_MR
35176	ZM_033_B1_C03	ZM_033_B1_C03_T7C	
35177	ZM_033_B1_C03		ZM_033_B1_C03_MR
35178	ZM_033_B1_C04	ZM_033_B1_C04_T7C	
35179	ZM_033_B1_C04		ZM_033_B1_C04_MR
35180	ZM_033_B1_C05	ZM_033_B1_C05_T7C	
35181	ZM_033_B1_C05		ZM_033_B1_C05_MR
35182	ZM_033_B1_C06	ZM_033_B1_C06_T7C	
35183	ZM_033_B1_C06		ZM_033_B1_C06_MR
35184	ZM_033_B1_C07	ZM_033_B1_C07_T7C	
35185	ZM_033_B1_C07		ZM_033_B1_C07_MR
35186	ZM_033_B1_C08	ZM_033_B1_C08_T7C	
35187	ZM_033_B1_C08		ZM_033_B1_C08_MR
35188	ZM_033_B1_C09	ZM_033_B1_C09_T7C	
35189	ZM_033_B1_C09		ZM_033_B1_C09_MR
35190	ZM_033_B1_C10	ZM_033_B1_C10_T7C	
35191	ZM_033_B1_C10		ZM_033_B1_C10_MR
35192	ZM_033_B1_C11	ZM_033_B1_C11_T7C	
35193	ZM_033_B1_C11		ZM_033_B1_C11_MR
35194	ZM_033_B1_C12	ZM_033_B1_C12_T7C	
35195	ZM_033_B1_C12		ZM_033_B1_C12_MR
35196	ZM_033_B1_D01	ZM_033_B1_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35197	ZM_033_B1_D01		ZM_033_B1_D01_MR
35198	ZM_033_B1_D02	ZM_033_B1_D02_T7C	
35199	ZM_033_B1_D02		ZM_033_B1_D02_MR
35200	ZM_033_B1_D03	ZM_033_B1_D03_T7C	
35201	ZM_033_B1_D03		ZM_033_B1_D03_MR
35202	ZM_033_B1_D04	ZM_033_B1_D04_T7C	
35203	ZM_033_B1_D04		ZM_033_B1_D04_MR
35204	ZM_033_B1_D05	ZM_033_B1_D05_T7C	
35205	ZM_033_B1_D05		ZM_033_B1_D05_MR
35206	ZM_033_B1_D06	ZM_033_B1_D06_T7C	
35207	ZM_033_B1_D06		ZM_033_B1_D06_MR
35208	ZM_033_B1_D07	ZM_033_B1_D07_T7C	
35209	ZM_033_B1_D08	ZM_033_B1_D08_T7C	
35210	ZM_033_B1_D08		ZM_033_B1_D08_MR
35211	ZM_033_B1_D09	ZM_033_B1_D09_T7C	
35212	ZM_033_B1_D09		ZM_033_B1_D09_MR
35213	ZM_033_B1_D10	ZM_033_B1_D10_T7C	
35214	ZM_033_B1_D10		ZM_033_B1_D10_MR
35215	ZM_033_B1_D11	ZM_033_B1_D11_T7C	ZM_033_B1_D11
	ZM_033_B1_D11_MR		
35217	ZM_033_B1_D12	ZM_033_B1_D12_T7C	
35218	ZM_033_B1_D12		ZM_033_B1_D12_MR
35219	ZM_033_B1_E01	ZM_033_B1_E01_T7C	
35220	ZM_033_B1_E01		ZM_033_B1_E01_MR
35221	ZM_033_B1_E02	ZM_033_B1_E02_T7C	
35222	ZM_033_B1_E02		ZM_033_B1_E02_MR
35223	ZM_033_B1_E03	ZM_033_B1_E03_T7C	
35224	ZM_033_B1_E03		ZM_033_B1_E03_MR
35225	ZM_033_B1_E04	ZM_033_B1_E04_T7C	
35226	ZM_033_B1_E04		ZM_033_B1_E04_MR
35227	ZM_033_B1_E05	ZM_033_B1_E05_T7C	
35228	ZM_033_B1_E05		ZM_033_B1_E05_MR
35229	ZM_033_B1_E06	ZM_033_B1_E06_T7C	
35230	ZM_033_B1_E06		ZM_033_B1_E06_MR
35231	ZM_033_B1_E07	ZM_033_B1_E07_T7C	
35232	ZM_033_B1_E07		ZM_033_B1_E07_MR
35233	ZM_033_B1_E08	ZM_033_B1_E08_T7C	
35234	ZM_033_B1_E08		ZM_033_B1_E08_MR
35235	ZM_033_B1_E09	ZM_033_B1_E09_T7C	
35236	ZM_033_B1_E09		ZM_033_B1_E09_MR
35237	ZM_033_B1_E10	ZM_033_B1_E10_T7C	
35238	ZM_033_B1_E10		ZM_033_B1_E10_MR
35239	ZM_033_B1_E11	ZM_033_B1_E11_T7C	
35240	ZM_033_B1_E11		ZM_033_B1_E11_MR
35241	ZM_033_B1_E12	ZM_033_B1_E12_T7C	
35242	ZM_033_B1_E12		ZM_033_B1_E12_MR
35243	ZM_033_B1_F01	ZM_033_B1_F01_T7C	
35244	ZM_033_B1_F01		ZM_033_B1_F01_MR
35245	ZM_033_B1_F02	ZM_033_B1_F02_T7C	
35246	ZM_033_B1_F02		ZM_033_B1_F02_MR
35247	ZM_033_B1_F03	ZM_033_B1_F03_T7C	
35248	ZM_033_B1_F03		ZM_033_B1_F03_MR
35249	ZM_033_B1_F04	ZM_033_B1_F04_T7C	
35250	ZM_033_B1_F04		ZM_033_B1_F04_MR
35251	ZM_033_B1_F06		ZM_033_B1_F06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35252	ZM_033_B1_F07	ZM_033_B1_F07_T7C	
35253	ZM_033_B1_F07		ZM_033_B1_F07_MR
35254	ZM_033_B1_F08	ZM_033_B1_F08_T7C	
35255	ZM_033_B1_F08		ZM_033_B1_F08_MR
35256	ZM_033_B1_F09	ZM_033_B1_F09_T7C	
35257	ZM_033_B1_F09		ZM_033_B1_F09_MR
35258	ZM_033_B1_F10	ZM_033_B1_F10_T7C	
35259	ZM_033_B1_F11	ZM_033_B1_F11_T7C	
35260	ZM_033_B1_F11		ZM_033_B1_F11_MR
35261	ZM_033_B1_F12	ZM_033_B1_F12_T7C	
35262	ZM_033_B1_F12		ZM_033_B1_F12_MR
35263	ZM_033_B1_G01	ZM_033_B1_G01_T7C	
35264	ZM_033_B1_G01		ZM_033_B1_G01_MR
35265	ZM_033_B1_G02	ZM_033_B1_G02_T7C	
35266	ZM_033_B1_G02		ZM_033_B1_G02_MR
35267	ZM_033_B1_G03	ZM_033_B1_G03_T7C	
35268	ZM_033_B1_G03		ZM_033_B1_G03_MR
35269	ZM_033_B1_G04	ZM_033_B1_G04_T7C	
35270	ZM_033_B1_G04		ZM_033_B1_G04_MR
35271	ZM_033_B1_G05	ZM_033_B1_G05_T7C	
35272	ZM_033_B1_G06	ZM_033_B1_G06_T7C	
35273	ZM_033_B1_G06		ZM_033_B1_G06_MR
35274	ZM_033_B1_G07	ZM_033_B1_G07_T7C	
35275	ZM_033_B1_G07		ZM_033_B1_G07_MR
35276	ZM_033_B1_G08	ZM_033_B1_G08_T7C	
35277	ZM_033_B1_G08		ZM_033_B1_G08_MR
35278	ZM_033_B1_G10	ZM_033_B1_G10_T7C	
35279	ZM_033_B1_G10		ZM_033_B1_G10_MR
35280	ZM_033_B1_G11	ZM_033_B1_G11_T7C	
35281	ZM_033_B1_G11		ZM_033_B1_G11_MR
35282	ZM_033_B1_G12	ZM_033_B1_G12_T7C	
35283	ZM_033_B1_G12		ZM_033_B1_G12_MR
35284	ZM_033_B1_H01	ZM_033_B1_H01_T7C	
35285	ZM_033_B1_H01		ZM_033_B1_H01_MR
35286	ZM_033_B1_H02	ZM_033_B1_H02_T7C	
35287	ZM_033_B1_H02		ZM_033_B1_H02_MR
35288	ZM_033_B1_H03	ZM_033_B1_H03_T7C	
35289	ZM_033_B1_H03		ZM_033_B1_H03_MR
35290	ZM_033_B1_H04	ZM_033_B1_H04_T7C	
35291	ZM_033_B1_H04		ZM_033_B1_H04_MR
35292	ZM_033_B1_H05	ZM_033_B1_H05_T7C	
35293	ZM_033_B1_H05		ZM_033_B1_H05_MR
35294	ZM_033_B1_H06	ZM_033_B1_H06_T7C	
35295	ZM_033_B1_H06		ZM_033_B1_H06_MR
35296	ZM_033_B1_H07	ZM_033_B1_H07_T7C	
35297	ZM_033_B1_H07		ZM_033_B1_H07_MR
35298	ZM_033_B1_H08	ZM_033_B1_H08_T7C	
35299	ZM_033_B1_H08		ZM_033_B1_H08_MR
35300	ZM_033_B1_H09	ZM_033_B1_H09_T7C	
35301	ZM_033_B1_H09		ZM_033_B1_H09_MR
35302	ZM_033_B1_H10		ZM_033_B1_H10_MR
35303	ZM_033_B1_H12	ZM_033_B1_H12_T7C	
35304	ZM_033_B1_H12		ZM_033_B1_H12_MR
35305	ZM_033_B2_A01	ZM_033_B2_A01_T7C	
35306	ZM_033_B2_A01		ZM_033_B2_A01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35307	ZM_033_B2_A02	ZM_033_B2_A02_T7C	
35308	ZM_033_B2_A02		ZM_033_B2_A02_MR
35309	ZM_033_B2_A03		ZM_033_B2_A03_MR
35310	ZM_033_B2_A04	ZM_033_B2_A04_T7C	
35311	ZM_033_B2_A04		ZM_033_B2_A04_MR
35312	ZM_033_B2_A05		ZM_033_B2_A05_MR
35313	ZM_033_B2_A06	ZM_033_B2_A06_T7C	
35314	ZM_033_B2_A06		ZM_033_B2_A06_MR
35315	ZM_033_B2_A07	ZM_033_B2_A07_T7C	
35316	ZM_033_B2_A07		ZM_033_B2_A07_MR
35317	ZM_033_B2_A08	ZM_033_B2_A08_T7C	
35318	ZM_033_B2_A08		ZM_033_B2_A08_MR
35319	ZM_033_B2_A09	ZM_033_B2_A09_T7C	
35320	ZM_033_B2_A09		ZM_033_B2_A09_MR
35321	ZM_033_B2_A10	ZM_033_B2_A10_T7C	
35322	ZM_033_B2_A10		ZM_033_B2_A10_MR
35323	ZM_033_B2_A11	ZM_033_B2_A11_T7C	
35324	ZM_033_B2_A11		ZM_033_B2_A11_MR
35325	ZM_033_B2_A12	ZM_033_B2_A12_T7C	
35326	ZM_033_B2_A12		ZM_033_B2_A12_MR
35327	ZM_033_B2_B01	ZM_033_B2_B01_T7C	
35328	ZM_033_B2_B01		ZM_033_B2_B01_MR
35329	ZM_033_B2_B02	ZM_033_B2_B02_T7C	
35330	ZM_033_B2_B02		ZM_033_B2_B02_MR
35331	ZM_033_B2_B03	ZM_033_B2_B03_T7C	
35332	ZM_033_B2_B03		ZM_033_B2_B03_MR
35333	ZM_033_B2_B04	ZM_033_B2_B04_T7C	
35334	ZM_033_B2_B04		ZM_033_B2_B04_MR
35335	ZM_033_B2_B05	ZM_033_B2_B05_T7C	
35336	ZM_033_B2_B05		ZM_033_B2_B05_MR
35337	ZM_033_B2_B06	ZM_033_B2_B06_T7C	
35338	ZM_033_B2_B06		ZM_033_B2_B06_MR
35339	ZM_033_B2_B07	ZM_033_B2_B07_T7C	
35340	ZM_033_B2_B07		ZM_033_B2_B07_MR
35341	ZM_033_B2_B09	ZM_033_B2_B09_T7C	
35342	ZM_033_B2_B09		ZM_033_B2_B09_MR
35343	ZM_033_B2_B10	ZM_033_B2_B10_T7C	
35344	ZM_033_B2_B10		ZM_033_B2_B10_MR
35345	ZM_033_B2_B11	ZM_033_B2_B11_T7C	
35346	ZM_033_B2_B11		ZM_033_B2_B11_MR
35347	ZM_033_B2_B12		ZM_033_B2_B12_MR
35348	ZM_033_B2_C01	ZM_033_B2_C01_T7C	
35349	ZM_033_B2_C01		ZM_033_B2_C01_MR
35350	ZM_033_B2_C02	ZM_033_B2_C02_T7C	
35351	ZM_033_B2_C02		ZM_033_B2_C02_MR
35352	ZM_033_B2_C03	ZM_033_B2_C03_T7C	
35353	ZM_033_B2_C03		ZM_033_B2_C03_MR
35354	ZM_033_B2_C04	ZM_033_B2_C04_T7C	
35355	ZM_033_B2_C04		ZM_033_B2_C04_MR
35356	ZM_033_B2_C05	ZM_033_B2_C05_T7C	
35357	ZM_033_B2_C05		ZM_033_B2_C05_MR
35358	ZM_033_B2_C06	ZM_033_B2_C06_T7C	
35359	ZM_033_B2_C07	ZM_033_B2_C07_T7C	
35360	ZM_033_B2_C07		ZM_033_B2_C07_MR
35361	ZM_033_B2_C08	ZM_033_B2_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35362	ZM_033_B2_C08		ZM_033_B2_C08_MR
35363	ZM_033_B2_C09	ZM_033_B2_C09_T7C	
35364	ZM_033_B2_C09		ZM_033_B2_C09_MR
35365	ZM_033_B2_C10	ZM_033_B2_C10_T7C	
35366	ZM_033_B2_C10		ZM_033_B2_C10_MR
35367	ZM_033_B2_C11	ZM_033_B2_C11_T7C	
35368	ZM_033_B2_C11		ZM_033_B2_C11_MR
35369	ZM_033_B2_C12	ZM_033_B2_C12_T7C	
35370	ZM_033_B2_C12		ZM_033_B2_C12_MR
35371	ZM_033_B2_D01	ZM_033_B2_D01_T7C	
35372	ZM_033_B2_D01		ZM_033_B2_D01_MR
35373	ZM_033_B2_D02	ZM_033_B2_D02_T7C	
35374	ZM_033_B2_D02		ZM_033_B2_D02_MR
35375	ZM_033_B2_D03	ZM_033_B2_D03_T7C	
35376	ZM_033_B2_D03		ZM_033_B2_D03_MR
35377	ZM_033_B2_D04	ZM_033_B2_D04_T7C	
35378	ZM_033_B2_D04		ZM_033_B2_D04_MR
35379	ZM_033_B2_D05	ZM_033_B2_D05_T7C	
35380	ZM_033_B2_D05		ZM_033_B2_D05_MR
35381	ZM_033_B2_D06	ZM_033_B2_D06_T7C	
35382	ZM_033_B2_D06		ZM_033_B2_D06_MR
35383	ZM_033_B2_D07	ZM_033_B2_D07_T7C	
35384	ZM_033_B2_D08	ZM_033_B2_D08_T7C	
35385	ZM_033_B2_D08		ZM_033_B2_D08_MR
35386	ZM_033_B2_D09	ZM_033_B2_D09_T7C	
35387	ZM_033_B2_D09		ZM_033_B2_D09_MR
35388	ZM_033_B2_D10	ZM_033_B2_D10_T7C	
35389	ZM_033_B2_D10		ZM_033_B2_D10_MR
35390	ZM_033_B2_D11	ZM_033_B2_D11_T7C	
35391	ZM_033_B2_D11		ZM_033_B2_D11_MR
35392	ZM_033_B2_D12	ZM_033_B2_D12_T7C	
35393	ZM_033_B2_D12		ZM_033_B2_D12_MR
35394	ZM_033_B2_E01	ZM_033_B2_E01_T7C	
35395	ZM_033_B2_E01		ZM_033_B2_E01_MR
35396	ZM_033_B2_E02	ZM_033_B2_E02_T7C	
35397	ZM_033_B2_E02		ZM_033_B2_E02_MR
35398	ZM_033_B2_E03		ZM_033_B2_E03_MR
35399	ZM_033_B2_E04	ZM_033_B2_E04_T7C	
35400	ZM_033_B2_E04		ZM_033_B2_E04_MR
35401	ZM_033_B2_E05	ZM_033_B2_E05_T7C	
35402	ZM_033_B2_E05		ZM_033_B2_E05_MR
35403	ZM_033_B2_E06	ZM_033_B2_E06_T7C	
35404	ZM_033_B2_E06		ZM_033_B2_E06_MR
35405	ZM_033_B2_E07	ZM_033_B2_E07_T7C	
35406	ZM_033_B2_E07		ZM_033_B2_E07_MR
35407	ZM_033_B2_E08	ZM_033_B2_E08_T7C	
35408	ZM_033_B2_E08		ZM_033_B2_E08_MR
35409	ZM_033_B2_E09	ZM_033_B2_E09_T7C	
35410	ZM_033_B2_E09		ZM_033_B2_E09_MR
35411	ZM_033_B2_E10	ZM_033_B2_E10_T7C	
35412	ZM_033_B2_E10		ZM_033_B2_E10_MR
35413	ZM_033_B2_E11	ZM_033_B2_E11_T7C	
35414	ZM_033_B2_E11		ZM_033_B2_E11_MR
35415	ZM_033_B2_E12	ZM_033_B2_E12_T7C	
35416	ZM_033_B2_E12		ZM_033_B2_E12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35417	ZM_033_B2_F01	ZM_033_B2_F01_T7C	
35418	ZM_033_B2_F01		ZM_033_B2_F01_MR
35419	ZM_033_B2_F02	ZM_033_B2_F02_T7C	
35420	ZM_033_B2_F02		ZM_033_B2_F02_MR
35421	ZM_033_B2_F03	ZM_033_B2_F03_T7C	
35422	ZM_033_B2_F03		ZM_033_B2_F03_MR
35423	ZM_033_B2_F04	ZM_033_B2_F04_T7C	
35424	ZM_033_B2_F04		ZM_033_B2_F04_MR
35425	ZM_033_B2_F06	ZM_033_B2_F06_T7C	
35426	ZM_033_B2_F06		ZM_033_B2_F06_MR
35427	ZM_033_B2_F07	ZM_033_B2_F07_T7C	
35428	ZM_033_B2_F07		ZM_033_B2_F07_MR
35429	ZM_033_B2_F08	ZM_033_B2_F08_T7C	
35430	ZM_033_B2_F08		ZM_033_B2_F08_MR
35431	ZM_033_B2_F09	ZM_033_B2_F09_T7C	
35432	ZM_033_B2_F09		ZM_033_B2_F09_MR
35433	ZM_033_B2_F10	ZM_033_B2_F10_T7C	
35434	ZM_033_B2_F11	ZM_033_B2_F11_T7C	
35435	ZM_033_B2_F11		ZM_033_B2_F11_MR
35436	ZM_033_B2_F12	ZM_033_B2_F12_T7C	
35437	ZM_033_B2_F12		ZM_033_B2_F12_MR
35438	ZM_033_B2_G01	ZM_033_B2_G01_T7C	
35439	ZM_033_B2_G01		ZM_033_B2_G01_MR
35440	ZM_033_B2_G02	ZM_033_B2_G02_T7C	
35441	ZM_033_B2_G02		ZM_033_B2_G02_MR
35442	ZM_033_B2_G03		ZM_033_B2_G03_MR
35443	ZM_033_B2_G04	ZM_033_B2_G04_T7C	
35444	ZM_033_B2_G04		ZM_033_B2_G04_MR
35445	ZM_033_B2_G05	ZM_033_B2_G05_T7C	
35446	ZM_033_B2_G06	ZM_033_B2_G06_T7C	
35447	ZM_033_B2_G06		ZM_033_B2_G06_MR
35448	ZM_033_B2_G07	ZM_033_B2_G07_T7C	
35449	ZM_033_B2_G07		ZM_033_B2_G07_MR
35450	ZM_033_B2_G08	ZM_033_B2_G08_T7C	
35451	ZM_033_B2_G08		ZM_033_B2_G08_MR
35452	ZM_033_B2_G10	ZM_033_B2_G10_T7C	
35453	ZM_033_B2_G10		ZM_033_B2_G10_MR
35454	ZM_033_B2_G11	ZM_033_B2_G11_T7C	
35455	ZM_033_B2_G11		ZM_033_B2_G11_MR
35456	ZM_033_B2_G12	ZM_033_B2_G12_T7C	
35457	ZM_033_B2_G12		ZM_033_B2_G12_MR
35458	ZM_033_B2_H01	ZM_033_B2_H01_T7C	
35459	ZM_033_B2_H01		ZM_033_B2_H01_MR
35460	ZM_033_B2_H02	ZM_033_B2_H02_T7C	
35461	ZM_033_B2_H02		ZM_033_B2_H02_MR
35462	ZM_033_B2_H03	ZM_033_B2_H03_T7C	
35463	ZM_033_B2_H03		ZM_033_B2_H03_MR
35464	ZM_033_B2_H04	ZM_033_B2_H04_T7C	
35465	ZM_033_B2_H04		ZM_033_B2_H04_MR
35466	ZM_033_B2_H05	ZM_033_B2_H05_T7C	
35467	ZM_033_B2_H05		ZM_033_B2_H05_MR
35468	ZM_033_B2_H06	ZM_033_B2_H06_T7C	
35469	ZM_033_B2_H06		ZM_033_B2_H06_MR
35470	ZM_033_B2_H07	ZM_033_B2_H07_T7C	
35471	ZM_033_B2_H07		ZM_033_B2_H07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35472	ZM_033_B2_H09	ZM_033_B2_H09_T7C	
35473	ZM_033_B2_H09		ZM_033_B2_H09_MR
35474	ZM_033_B2_H10	ZM_033_B2_H10_T7C	
35475	ZM_033_B2_H10		ZM_033_B2_H10_MR
35476	ZM_033_B2_H12	ZM_033_B2_H12_T7C	
35477	ZM_033_B2_H12		ZM_033_B2_H12_MR
35478	ZM_034_A1_A01		ZM_034_A1_A01_MR
35479	ZM_034_A1_A02		ZM_034_A1_A02_MR
35480	ZM_034_A1_A03	ZM_034_A1_A03_T7C	
35481	ZM_034_A1_A03		ZM_034_A1_A03_MR
35482	ZM_034_A1_A04	ZM_034_A1_A04_T7C	
35483	ZM_034_A1_A04		ZM_034_A1_A04_MR
35484	ZM_034_A1_A05	ZM_034_A1_A05_T7C	
35485	ZM_034_A1_A05		ZM_034_A1_A05_MR
35486	ZM_034_A1_A06		ZM_034_A1_A06_MR
35487	ZM_034_A1_A07		ZM_034_A1_A07_MR
35488	ZM_034_A1_A08	ZM_034_A1_A08_T7C	
35489	ZM_034_A1_A08		ZM_034_A1_A08_MR
35490	ZM_034_A1_A09	ZM_034_A1_A09_T7C	
35491	ZM_034_A1_A09		ZM_034_A1_A09_MR
35492	ZM_034_A1_A10	ZM_034_A1_A10_T7C	
35493	ZM_034_A1_A10		ZM_034_A1_A10_MR
35494	ZM_034_A1_A11	ZM_034_A1_A11_T7C	
35495	ZM_034_A1_A11		ZM_034_A1_A11_MR
35496	ZM_034_A1_A12	ZM_034_A1_A12_T7C	
35497	ZM_034_A1_A12		ZM_034_A1_A12_MR
35498	ZM_034_A1_B02		ZM_034_A1_B02_MR
35499	ZM_034_A1_B03	ZM_034_A1_B03_T7C	
35500	ZM_034_A1_B03		ZM_034_A1_B03_MR
35501	ZM_034_A1_B04	ZM_034_A1_B04_T7C	
35502	ZM_034_A1_B04		ZM_034_A1_B04_MR
35503	ZM_034_A1_B05		ZM_034_A1_B05_MR
35504	ZM_034_A1_B06		ZM_034_A1_B06_MR
35505	ZM_034_A1_B07		ZM_034_A1_B07_MR
35506	ZM_034_A1_B08	ZM_034_A1_B08_T7C	
35507	ZM_034_A1_B08		ZM_034_A1_B08_MR
35508	ZM_034_A1_B09	ZM_034_A1_B09_T7C	
35509	ZM_034_A1_B09		ZM_034_A1_B09_MR
35510	ZM_034_A1_B10		ZM_034_A1_B10_MR
35511	ZM_034_A1_B11		ZM_034_A1_B11_MR
35512	ZM_034_A1_B12	ZM_034_A1_B12_T7C	
35513	ZM_034_A1_B12		ZM_034_A1_B12_MR
35514	ZM_034_A1_C02	ZM_034_A1_C02_T7C	
35515	ZM_034_A1_C02		ZM_034_A1_C02_MR
35516	ZM_034_A1_C03	ZM_034_A1_C03_T7C	
35517	ZM_034_A1_C03		ZM_034_A1_C03_MR
35518	ZM_034_A1_C04	ZM_034_A1_C04_T7C	
35519	ZM_034_A1_C04		ZM_034_A1_C04_MR
35520	ZM_034_A1_C06	ZM_034_A1_C06_T7C	
35521	ZM_034_A1_C06		ZM_034_A1_C06_MR
35522	ZM_034_A1_C07		ZM_034_A1_C07_MR
35523	ZM_034_A1_C08	ZM_034_A1_C08_T7C	
35524	ZM_034_A1_C08		ZM_034_A1_C08_MR
35525	ZM_034_A1_C09		ZM_034_A1_C09_MR
35526	ZM_034_A1_C11		ZM_034_A1_C11_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35527	ZM_034_A1_C12		ZM_034_A1_C12_MR
35528	ZM_034_A1_D01	ZM_034_A1_D01_T7C	
35529	ZM_034_A1_D01		ZM_034_A1_D01_MR
35530	ZM_034_A1_D02	ZM_034_A1_D02_T7C	
35531	ZM_034_A1_D03	ZM_034_A1_D03_T7C	
35532	ZM_034_A1_D03		ZM_034_A1_D03_MR
35533	ZM_034_A1_D04	ZM_034_A1_D04_T7C	
35534	ZM_034_A1_D04		ZM_034_A1_D04_MR
35535	ZM_034_A1_D07	ZM_034_A1_D07_T7C	
35536	ZM_034_A1_D08	ZM_034_A1_D08_T7C	
35537	ZM_034_A1_D09		ZM_034_A1_D09_MR
35538	ZM_034_A1_D10	ZM_034_A1_D10_T7C	
35539	ZM_034_A1_D11	ZM_034_A1_D11_T7C	
35540	ZM_034_A1_D12	ZM_034_A1_D12_T7C	
35541	ZM_034_A1_E01	ZM_034_A1_E01_T7C	
35542	ZM_034_A1_E01		ZM_034_A1_E01_MR
35543	ZM_034_A1_E02		ZM_034_A1_E02_MR
35544	ZM_034_A1_E03	ZM_034_A1_E03_T7C	
35545	ZM_034_A1_E03		ZM_034_A1_E03_MR
35546	ZM_034_A1_E04	ZM_034_A1_E04_T7C	
35547	ZM_034_A1_E04		ZM_034_A1_E04_MR
35548	ZM_034_A1_E05	ZM_034_A1_E05_T7C	
35549	ZM_034_A1_E06	ZM_034_A1_E06_T7C	
35550	ZM_034_A1_E06		ZM_034_A1_E06_MR
35551	ZM_034_A1_E07	ZM_034_A1_E07_T7C	
35552	ZM_034_A1_E08	ZM_034_A1_E08_T7C	
35553	ZM_034_A1_E08		ZM_034_A1_E08_MR
35554	ZM_034_A1_E09	ZM_034_A1_E09_T7C	
35555	ZM_034_A1_E09		ZM_034_A1_E09_MR
35556	ZM_034_A1_E10	ZM_034_A1_E10_T7C	
35557	ZM_034_A1_E10		ZM_034_A1_E10_MR
35558	ZM_034_A1_E11	ZM_034_A1_E11_T7C	
35559	ZM_034_A1_E12	ZM_034_A1_E12_T7C	
35560	ZM_034_A1_E12		ZM_034_A1_E12_MR
35561	ZM_034_A1_F01	ZM_034_A1_F01_T7C	
35562	ZM_034_A1_F01		ZM_034_A1_F01_MR
35563	ZM_034_A1_F02	ZM_034_A1_F02_T7C	
35564	ZM_034_A1_F02		ZM_034_A1_F02_MR
35565	ZM_034_A1_F03	ZM_034_A1_F03_T7C	
35566	ZM_034_A1_F03		ZM_034_A1_F03_MR
35567	ZM_034_A1_F04	ZM_034_A1_F04_T7C	
35568	ZM_034_A1_F05	ZM_034_A1_F05_T7C	
35569	ZM_034_A1_F06	ZM_034_A1_F06_T7C	
35570	ZM_034_A1_F06		ZM_034_A1_F06_MR
35571	ZM_034_A1_F07	ZM_034_A1_F07_T7C	
35572	ZM_034_A1_F08	ZM_034_A1_F08_T7C	
35573	ZM_034_A1_F09	ZM_034_A1_F09_T7C	
35574	ZM_034_A1_F10	ZM_034_A1_F10_T7C	
35575	ZM_034_A1_F11	ZM_034_A1_F11_T7C	
35576	ZM_034_A1_F12		ZM_034_A1_F12_MR
35577	ZM_034_A1_G01	ZM_034_A1_G01_T7C	
35578	ZM_034_A1_G01		ZM_034_A1_G01_MR
35579	ZM_034_A1_G02	ZM_034_A1_G02_T7C	
35580	ZM_034_A1_G02		ZM_034_A1_G02_MR
35581	ZM_034_A1_G04	ZM_034_A1_G04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35582	ZM_034_A1_G04		ZM_034_A1_G04_MR
35583	ZM_034_A1_G05	ZM_034_A1_G05_T7C	
35584	ZM_034_A1_G06	ZM_034_A1_G06_T7C	
35585	ZM_034_A1_G06		ZM_034_A1_G06_MR
35586	ZM_034_A1_G07	ZM_034_A1_G07_T7C	
35587	ZM_034_A1_G07		ZM_034_A1_G07_MR
35588	ZM_034_A1_G08	ZM_034_A1_G08_T7C	
35589	ZM_034_A1_G08		ZM_034_A1_G08_MR
35590	ZM_034_A1_G09		ZM_034_A1_G09_MR
35591	ZM_034_A1_G10	ZM_034_A1_G10_T7C	
35592	ZM_034_A1_G10		ZM_034_A1_G10_MR
35593	ZM_034_A1_G11	ZM_034_A1_G11_T7C	
35594	ZM_034_A1_G11		ZM_034_A1_G11_MR
35595	ZM_034_A1_G12	ZM_034_A1_G12_T7C	
35596	ZM_034_A1_G12		ZM_034_A1_G12_MR
35597	ZM_034_A1_H02	ZM_034_A1_H02_T7C	
35598	ZM_034_A1_H02		ZM_034_A1_H02_MR
35599	ZM_034_A1_H03	ZM_034_A1_H03_T7C	
35600	ZM_034_A1_H03		ZM_034_A1_H03_MR
35601	ZM_034_A1_H04	ZM_034_A1_H04_T7C	
35602	ZM_034_A1_H04		ZM_034_A1_H04_MR
35603	ZM_034_A1_H05	ZM_034_A1_H05_T7C	
35604	ZM_034_A1_H05		ZM_034_A1_H05_MR
35605	ZM_034_A1_H06	ZM_034_A1_H06_T7C	
35606	ZM_034_A1_H06		ZM_034_A1_H06_MR
35607	ZM_034_A1_H07	ZM_034_A1_H07_T7C	
35608	ZM_034_A1_H07		ZM_034_A1_H07_MR
35609	ZM_034_A1_H08	ZM_034_A1_H08_T7C	
35610	ZM_034_A1_H08		ZM_034_A1_H08_MR
35611	ZM_034_A1_H09		ZM_034_A1_H09_MR
35612	ZM_034_A1_H10		ZM_034_A1_H10_MR
35613	ZM_034_A1_H11	ZM_034_A1_H11_T7C	
35614	ZM_034_A1_H12	ZM_034_A1_H12_T7C	
35615	ZM_034_A2_A01	ZM_034_A2_A01_T7C	
35616	ZM_034_A2_A02	ZM_034_A2_A02_T7C	
35617	ZM_034_A2_A03	ZM_034_A2_A03_T7C	
35618	ZM_034_A2_A04	ZM_034_A2_A04_T7C	
35619	ZM_034_A2_A05	ZM_034_A2_A05_T7C	
35620	ZM_034_A2_A06	ZM_034_A2_A06_T7C	
35621	ZM_034_A2_A07	ZM_034_A2_A07_T7C	
35622	ZM_034_A2_A08	ZM_034_A2_A08_T7C	
35623	ZM_034_A2_A09	ZM_034_A2_A09_T7C	
35624	ZM_034_A2_A10	ZM_034_A2_A10_T7C	
35625	ZM_034_A2_A11	ZM_034_A2_A11_T7C	
35626	ZM_034_A2_A12	ZM_034_A2_A12_T7C	
35627	ZM_034_A2_B01	ZM_034_A2_B01_T7C	
35628	ZM_034_A2_B02	ZM_034_A2_B02_T7C	
35629	ZM_034_A2_B03	ZM_034_A2_B03_T7C	
35630	ZM_034_A2_B04	ZM_034_A2_B04_T7C	
35631	ZM_034_A2_B05	ZM_034_A2_B05_T7C	
35632	ZM_034_A2_B06	ZM_034_A2_B06_T7C	
35633	ZM_034_A2_B07	ZM_034_A2_B07_T7C	
35634	ZM_034_A2_B08	ZM_034_A2_B08_T7C	
35635	ZM_034_A2_B10	ZM_034_A2_B10_T7C	
35636	ZM_034_A2_B11	ZM_034_A2_B11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35637	ZM_034_A2_B12	ZM_034_A2_B12_T7C	
35638	ZM_034_A2_C01	ZM_034_A2_C01_T7C	
35639	ZM_034_A2_C03	ZM_034_A2_C03_T7C	
35640	ZM_034_A2_C04	ZM_034_A2_C04_T7C	
35641	ZM_034_A2_C05	ZM_034_A2_C05_T7C	
35642	ZM_034_A2_C06	ZM_034_A2_C06_T7C	
35643	ZM_034_A2_C07	ZM_034_A2_C07_T7C	
35644	ZM_034_A2_C08	ZM_034_A2_C08_T7C	
35645	ZM_034_A2_C10	ZM_034_A2_C10_T7C	
35646	ZM_034_A2_C11	ZM_034_A2_C11_T7C	
35647	ZM_034_A2_C12	ZM_034_A2_C12_T7C	
35648	ZM_034_A2_D01	ZM_034_A2_D01_T7C	
35649	ZM_034_A2_D02	ZM_034_A2_D02_T7C	
35650	ZM_034_A2_D03	ZM_034_A2_D03_T7C	
35651	ZM_034_A2_D04	ZM_034_A2_D04_T7C	
35652	ZM_034_A2_D05	ZM_034_A2_D05_T7C	
35653	ZM_034_A2_D06	ZM_034_A2_D06_T7C	
35654	ZM_034_A2_D09	ZM_034_A2_D09_T7C	
35655	ZM_034_A2_D10	ZM_034_A2_D10_T7C	
35656	ZM_034_A2_D12	ZM_034_A2_D12_T7C	
35657	ZM_034_A2_E01	ZM_034_A2_E01_T7C	
35658	ZM_034_A2_E02	ZM_034_A2_E02_T7C	
35659	ZM_034_A2_E03	ZM_034_A2_E03_T7C	
35660	ZM_034_A2_E04	ZM_034_A2_E04_T7C	
35661	ZM_034_A2_E05	ZM_034_A2_E05_T7C	
35662	ZM_034_A2_E06	ZM_034_A2_E06_T7C	
35663	ZM_034_A2_E07	ZM_034_A2_E07_T7C	
35664	ZM_034_A2_E08	ZM_034_A2_E08_T7C	
35665	ZM_034_A2_E09	ZM_034_A2_E09_T7C	
35666	ZM_034_A2_E10	ZM_034_A2_E10_T7C	
35667	ZM_034_A2_E11	ZM_034_A2_E11_T7C	
35668	ZM_034_A2_E12	ZM_034_A2_E12_T7C	
35669	ZM_034_A2_F01	ZM_034_A2_F01_T7C	
35670	ZM_034_A2_F02	ZM_034_A2_F02_T7C	
35671	ZM_034_A2_F03	ZM_034_A2_F03_T7C	
35672	ZM_034_A2_F04	ZM_034_A2_F04_T7C	
35673	ZM_034_A2_F05	ZM_034_A2_F05_T7C	
35674	ZM_034_A2_F06	ZM_034_A2_F06_T7C	
35675	ZM_034_A2_F07	ZM_034_A2_F07_T7C	
35676	ZM_034_A2_F08	ZM_034_A2_F08_T7C	
35677	ZM_034_A2_F09	ZM_034_A2_F09_T7C	
35678	ZM_034_A2_F10	ZM_034_A2_F10_T7C	
35679	ZM_034_A2_F11	ZM_034_A2_F11_T7C	
35680	ZM_034_A2_F12	ZM_034_A2_F12_T7C	
35681	ZM_034_A2_G01	ZM_034_A2_G01_T7C	
35682	ZM_034_A2_G03	ZM_034_A2_G03_T7C	
35683	ZM_034_A2_G05	ZM_034_A2_G05_T7C	
35684	ZM_034_A2_G06	ZM_034_A2_G06_T7C	
35685	ZM_034_A2_G07	ZM_034_A2_G07_T7C	
35686	ZM_034_A2_G08	ZM_034_A2_G08_T7C	
35687	ZM_034_A2_G09	ZM_034_A2_G09_T7C	
35688	ZM_034_A2_G10	ZM_034_A2_G10_T7C	
35689	ZM_034_A2_G11	ZM_034_A2_G11_T7C	
35690	ZM_034_A2_G12	ZM_034_A2_G12_T7C	
35691	ZM_034_A2_H02	ZM_034_A2_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35692	ZM_034_A2_H03	ZM_034_A2_H03_T7C	
35693	ZM_034_A2_H04	ZM_034_A2_H04_T7C	
35694	ZM_034_A2_H05	ZM_034_A2_H05_T7C	
35695	ZM_034_A2_H06	ZM_034_A2_H06_T7C	
35696	ZM_034_A2_H07	ZM_034_A2_H07_T7C	
35697	ZM_034_A2_H10	ZM_034_A2_H10_T7C	
35698	ZM_034_B1_A01	ZM_034_B1_A01_T7C	
35699	ZM_034_B1_A01		ZM_034_B1_A01_MR
35700	ZM_034_B1_A02	ZM_034_B1_A02_T7C	
35701	ZM_034_B1_A02		ZM_034_B1_A02_MR
35702	ZM_034_B1_A03	ZM_034_B1_A03_T7C	
35703	ZM_034_B1_A03		ZM_034_B1_A03_MR
35704	ZM_034_B1_A04	ZM_034_B1_A04_T7C	
35705	ZM_034_B1_A04		ZM_034_B1_A04_MR
35706	ZM_034_B1_A05		ZM_034_B1_A05_MR
35707	ZM_034_B1_A06	ZM_034_B1_A06_T7C	
35708	ZM_034_B1_A06		ZM_034_B1_A06_MR
35709	ZM_034_B1_A07		ZM_034_B1_A07_MR
35710	ZM_034_B1_A08	ZM_034_B1_A08_T7C	
35711	ZM_034_B1_A08		ZM_034_B1_A08_MR
35712	ZM_034_B1_A09	ZM_034_B1_A09_T7C	
35713	ZM_034_B1_A09		ZM_034_B1_A09_MR
35714	ZM_034_B1_A10		ZM_034_B1_A10_MR
35715	ZM_034_B1_A11		ZM_034_B1_A11_MR
35716	ZM_034_B1_A12	ZM_034_B1_A12_T7C	
35717	ZM_034_B1_A12		ZM_034_B1_A12_MR
35718	ZM_034_B1_B01	ZM_034_B1_B01_T7C	
35719	ZM_034_B1_B01		ZM_034_B1_B01_MR
35720	ZM_034_B1_B02		ZM_034_B1_B02_MR
35721	ZM_034_B1_B03		ZM_034_B1_B03_MR
35722	ZM_034_B1_B04	ZM_034_B1_B04_T7C	
35723	ZM_034_B1_B04		ZM_034_B1_B04_MR
35724	ZM_034_B1_B05		ZM_034_B1_B05_MR
35725	ZM_034_B1_B06	ZM_034_B1_B06_T7C	
35726	ZM_034_B1_B06		ZM_034_B1_B06_MR
35727	ZM_034_B1_B07	ZM_034_B1_B07_T7C	
35728	ZM_034_B1_B07		ZM_034_B1_B07_MR
35729	ZM_034_B1_B08	ZM_034_B1_B08_T7C	
35730	ZM_034_B1_B09	ZM_034_B1_B09_T7C	
35731	ZM_034_B1_B09		ZM_034_B1_B09_MR
35732	ZM_034_B1_B10		ZM_034_B1_B10_MR
35733	ZM_034_B1_B11		ZM_034_B1_B11_MR
35734	ZM_034_B1_B12		ZM_034_B1_B12_MR
35735	ZM_034_B1_C01	ZM_034_B1_C01_T7C	
35736	ZM_034_B1_C01		ZM_034_B1_C01_MR
35737	ZM_034_B1_C02	ZM_034_B1_C02_T7C	
35738	ZM_034_B1_C02		ZM_034_B1_C02_MR
35739	ZM_034_B1_C03	ZM_034_B1_C03_T7C	
35740	ZM_034_B1_C03		ZM_034_B1_C03_MR
35741	ZM_034_B1_C04	ZM_034_B1_C04_T7C	
35742	ZM_034_B1_C04		ZM_034_B1_C04_MR
35743	ZM_034_B1_C05		ZM_034_B1_C05_MR
35744	ZM_034_B1_C06	ZM_034_B1_C06_T7C	
35745	ZM_034_B1_C06		ZM_034_B1_C06_MR
35746	ZM_034_B1_C07	ZM_034_B1_C07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35747	ZM_034_B1_C07		ZM_034_B1_C07_MR
35748	ZM_034_B1_C09		ZM_034_B1_C09_MR
35749	ZM_034_B1_C10	ZM_034_B1_C10_T7C	
35750	ZM_034_B1_C10		ZM_034_B1_C10_MR
35751	ZM_034_B1_C11		ZM_034_B1_C11_MR
35752	ZM_034_B1_C12	ZM_034_B1_C12_T7C	
35753	ZM_034_B1_D01	ZM_034_B1_D01_T7C	
35754	ZM_034_B1_D01		ZM_034_B1_D01_MR
35755	ZM_034_B1_D02	ZM_034_B1_D02_T7C	
35756	ZM_034_B1_D02		ZM_034_B1_D02_MR
35757	ZM_034_B1_D03		ZM_034_B1_D03_MR
35758	ZM_034_B1_D04		ZM_034_B1_D04_MR
35759	ZM_034_B1_D05		ZM_034_B1_D05_MR
35760	ZM_034_B1_D06	ZM_034_B1_D06_T7C	
35761	ZM_034_B1_D06		ZM_034_B1_D06_MR
35762	ZM_034_B1_D07	ZM_034_B1_D07_T7C	
35763	ZM_034_B1_D07		ZM_034_B1_D07_MR
35764	ZM_034_B1_D08		ZM_034_B1_D08_MR
35765	ZM_034_B1_D09	ZM_034_B1_D09_T7C	
35766	ZM_034_B1_D09		ZM_034_B1_D09_MR
35767	ZM_034_B1_D10		ZM_034_B1_D10_MR
35768	ZM_034_B1_D11	ZM_034_B1_D11_T7C	
35769	ZM_034_B1_D11		ZM_034_B1_D11_MR
35770	ZM_034_B1_D12	ZM_034_B1_D12_T7C	
35771	ZM_034_B1_D12		ZM_034_B1_D12_MR
35772	ZM_034_B1_E01	ZM_034_B1_E01_T7C	
35773	ZM_034_B1_E01		ZM_034_B1_E01_MR
35774	ZM_034_B1_E03	ZM_034_B1_E03_T7C	
35775	ZM_034_B1_E03		ZM_034_B1_E03_MR
35776	ZM_034_B1_E04		ZM_034_B1_E04_MR
35777	ZM_034_B1_E05		ZM_034_B1_E05_MR
35778	ZM_034_B1_E06	ZM_034_B1_E06_T7C	
35779	ZM_034_B1_E06		ZM_034_B1_E06_MR
35780	ZM_034_B1_E07	ZM_034_B1_E07_T7C	
35781	ZM_034_B1_E07		ZM_034_B1_E07_MR
35782	ZM_034_B1_E08	ZM_034_B1_E08_T7C	
35783	ZM_034_B1_E08		ZM_034_B1_E08_MR
35784	ZM_034_B1_E09	ZM_034_B1_E09_T7C	
35785	ZM_034_B1_E09		ZM_034_B1_E09_MR
35786	ZM_034_B1_E10		ZM_034_B1_E10_MR
35787	ZM_034_B1_E11		ZM_034_B1_E11_MR
35788	ZM_034_B1_E12	ZM_034_B1_E12_T7C	
35789	ZM_034_B1_E12		ZM_034_B1_E12_MR
35790	ZM_034_B1_F01	ZM_034_B1_F01_T7C	
35791	ZM_034_B1_F01		ZM_034_B1_F01_MR
35792	ZM_034_B1_F02	ZM_034_B1_F02_T7C	
35793	ZM_034_B1_F02		ZM_034_B1_F02_MR
35794	ZM_034_B1_F03	ZM_034_B1_F03_T7C	
35795	ZM_034_B1_F03		ZM_034_B1_F03_MR
35796	ZM_034_B1_F04	ZM_034_B1_F04_T7C	
35797	ZM_034_B1_F04		ZM_034_B1_F04_MR
35798	ZM_034_B1_F05		ZM_034_B1_F05_MR
35799	ZM_034_B1_F06	ZM_034_B1_F06_T7C	
35800	ZM_034_B1_F06		ZM_034_B1_F06_MR
35801	ZM_034_B1_F07		ZM_034_B1_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35802	ZM_034_B1_F08	ZM_034_B1_F08_T7C	
35803	ZM_034_B1_F08		ZM_034_B1_F08_MR
35804	ZM_034_B1_F09	ZM_034_B1_F09_T7C	
35805	ZM_034_B1_F09		ZM_034_B1_F09_MR
35806	ZM_034_B1_F10		ZM_034_B1_F10_MR
35807	ZM_034_B1_F11	ZM_034_B1_F11_T7C	
35808	ZM_034_B1_F11		ZM_034_B1_F11_MR
35809	ZM_034_B1_F12	ZM_034_B1_F12_T7C	
35810	ZM_034_B1_F12		ZM_034_B1_F12_MR
35811	ZM_034_B1_G01	ZM_034_B1_G01_T7C	
35812	ZM_034_B1_G01		ZM_034_B1_G01_MR
35813	ZM_034_B1_G02		ZM_034_B1_G02_MR
35814	ZM_034_B1_G03		ZM_034_B1_G03_MR
35815	ZM_034_B1_G04	ZM_034_B1_G04_T7C	
35816	ZM_034_B1_G04		ZM_034_B1_G04_MR
35817	ZM_034_B1_G05	ZM_034_B1_G05_T7C	
35818	ZM_034_B1_G05		ZM_034_B1_G05_MR
35819	ZM_034_B1_G06	ZM_034_B1_G06_T7C	
35820	ZM_034_B1_G06		ZM_034_B1_G06_MR
35821	ZM_034_B1_G07		ZM_034_B1_G07_MR
35822	ZM_034_B1_G08	ZM_034_B1_G08_T7C	
35823	ZM_034_B1_G08		ZM_034_B1_G08_MR
35824	ZM_034_B1_G09		ZM_034_B1_G09_MR
35825	ZM_034_B1_G10		ZM_034_B1_G10_MR
35826	ZM_034_B1_G11	ZM_034_B1_G11_T7C	
35827	ZM_034_B1_G11		ZM_034_B1_G11_MR
35828	ZM_034_B1_H01	ZM_034_B1_H01_T7C	
35829	ZM_034_B1_H01		ZM_034_B1_H01_MR
35830	ZM_034_B1_H02	ZM_034_B1_H02_T7C	
35831	ZM_034_B1_H02		ZM_034_B1_H02_MR
35832	ZM_034_B1_H03	ZM_034_B1_H03_T7C	
35833	ZM_034_B1_H03		ZM_034_B1_H03_MR
35834	ZM_034_B1_H04		ZM_034_B1_H04_MR
35835	ZM_034_B1_H05		ZM_034_B1_H05_MR
35836	ZM_034_B1_H06	ZM_034_B1_H06_T7C	
35837	ZM_034_B1_H06		ZM_034_B1_H06_MR
35838	ZM_034_B1_H07	ZM_034_B1_H07_T7C	
35839	ZM_034_B1_H07		ZM_034_B1_H07_MR
35840	ZM_034_B1_H08	ZM_034_B1_H08_T7C	
35841	ZM_034_B1_H08		ZM_034_B1_H08_MR
35842	ZM_034_B1_H09		ZM_034_B1_H09_MR
35843	ZM_034_B1_H10		ZM_034_B1_H10_MR
35844	ZM_034_B1_H11		ZM_034_B1_H11_MR
35845	ZM_034_B1_H12	ZM_034_B1_H12_T7C	
35846	ZM_034_B1_H12		ZM_034_B1_H12_MR
35847	ZM_034_B2_A02		ZM_034_B2_A02_MR
35848	ZM_034_B2_A03	ZM_034_B2_A03_T7C	
35849	ZM_034_B2_A03		ZM_034_B2_A03_MR
35850	ZM_034_B2_A04	ZM_034_B2_A04_T7C	
35851	ZM_034_B2_A04		ZM_034_B2_A04_MR
35852	ZM_034_B2_A05	ZM_034_B2_A05_T7C	
35853	ZM_034_B2_A05		ZM_034_B2_A05_MR
35854	ZM_034_B2_A06	ZM_034_B2_A06_T7C	
35855	ZM_034_B2_A07	ZM_034_B2_A07_T7C	
35856	ZM_034_B2_A07		ZM_034_B2_A07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35857	ZM_034_B2_A08	ZM_034_B2_A08_T7C	
35858	ZM_034_B2_A09	ZM_034_B2_A09_T7C	
35859	ZM_034_B2_A10	ZM_034_B2_A10_T7C	
35860	ZM_034_B2_A10		ZM_034_B2_A10_MR
35861	ZM_034_B2_A11	ZM_034_B2_A11_T7C	
35862	ZM_034_B2_A11		ZM_034_B2_A11_MR
35863	ZM_034_B2_A12	ZM_034_B2_A12_T7C	
35864	ZM_034_B2_A12		ZM_034_B2_A12_MR
35865	ZM_034_B2_B01	ZM_034_B2_B01_T7C	
35866	ZM_034_B2_B01		ZM_034_B2_B01_MR
35867	ZM_034_B2_B02		ZM_034_B2_B02_MR
35868	ZM_034_B2_B03	ZM_034_B2_B03_T7C	
35869	ZM_034_B2_B03		ZM_034_B2_B03_MR
35870	ZM_034_B2_B04	ZM_034_B2_B04_T7C	
35871	ZM_034_B2_B04		ZM_034_B2_B04_MR
35872	ZM_034_B2_B05	ZM_034_B2_B05_T7C	
35873	ZM_034_B2_B05		ZM_034_B2_B05_MR
35874	ZM_034_B2_B06		ZM_034_B2_B06_MR
35875	ZM_034_B2_B07	ZM_034_B2_B07_T7C	
35876	ZM_034_B2_B07		ZM_034_B2_B07_MR
35877	ZM_034_B2_B08	ZM_034_B2_B08_T7C	
35878	ZM_034_B2_B09	ZM_034_B2_B09_T7C	
35879	ZM_034_B2_B10	ZM_034_B2_B10_T7C	
35880	ZM_034_B2_B10		ZM_034_B2_B10_MR
35881	ZM_034_B2_B11	ZM_034_B2_B11_T7C	
35882	ZM_034_B2_B11		ZM_034_B2_B11_MR
35883	ZM_034_B2_B12	ZM_034_B2_B12_T7C	
35884	ZM_034_B2_B12		ZM_034_B2_B12_MR
35885	ZM_034_B2_C01	ZM_034_B2_C01_T7C	
35886	ZM_034_B2_C01		ZM_034_B2_C01_MR
35887	ZM_034_B2_C02	ZM_034_B2_C02_T7C	
35888	ZM_034_B2_C02		ZM_034_B2_C02_MR
35889	ZM_034_B2_C03	ZM_034_B2_C03_T7C	
35890	ZM_034_B2_C03		ZM_034_B2_C03_MR
35891	ZM_034_B2_C04	ZM_034_B2_C04_T7C	
35892	ZM_034_B2_C04		ZM_034_B2_C04_MR
35893	ZM_034_B2_C05	ZM_034_B2_C05_T7C	
35894	ZM_034_B2_C05		ZM_034_B2_C05_MR
35895	ZM_034_B2_C07	ZM_034_B2_C07_T7C	
35896	ZM_034_B2_C07		ZM_034_B2_C07_MR
35897	ZM_034_B2_C09	ZM_034_B2_C09_T7C	
35898	ZM_034_B2_C09		ZM_034_B2_C09_MR
35899	ZM_034_B2_C10	ZM_034_B2_C10_T7C	
35900	ZM_034_B2_C10		ZM_034_B2_C10_MR
35901	ZM_034_B2_C11	ZM_034_B2_C11_T7C	
35902	ZM_034_B2_C12		ZM_034_B2_C12_MR
35903	ZM_034_B2_D01	ZM_034_B2_D01_T7C	
35904	ZM_034_B2_D01		ZM_034_B2_D01_MR
35905	ZM_034_B2_D02	ZM_034_B2_D02_T7C	
35906	ZM_034_B2_D02		ZM_034_B2_D02_MR
35907	ZM_034_B2_D03	ZM_034_B2_D03_T7C	
35908	ZM_034_B2_D03		ZM_034_B2_D03_MR
35909	ZM_034_B2_D04	ZM_034_B2_D04_T7C	
35910	ZM_034_B2_D05	ZM_034_B2_D05_T7C	
35911	ZM_034_B2_D05		ZM_034_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35912	ZM_034_B2_D06	ZM_034_B2_D06_T7C	
35913	ZM_034_B2_D06		ZM_034_B2_D06_MR
35914	ZM_034_B2_D07	ZM_034_B2_D07_T7C	
35915	ZM_034_B2_D07		ZM_034_B2_D07_MR
35916	ZM_034_B2_D08	ZM_034_B2_D08_T7C	
35917	ZM_034_B2_D08		ZM_034_B2_D08_MR
35918	ZM_034_B2_D09	ZM_034_B2_D09_T7C	
35919	ZM_034_B2_D09		ZM_034_B2_D09_MR
35920	ZM_034_B2_D10	ZM_034_B2_D10_T7C	
35921	ZM_034_B2_D10		ZM_034_B2_D10_MR
35922	ZM_034_B2_D11	ZM_034_B2_D11_T7C	
35923	ZM_034_B2_D11		ZM_034_B2_D11_MR
35924	ZM_034_B2_D12	ZM_034_B2_D12_T7C	
35925	ZM_034_B2_D12		ZM_034_B2_D12_MR
35926	ZM_034_B2_E01	ZM_034_B2_E01_T7C	
35927	ZM_034_B2_E01		ZM_034_B2_E01_MR
35928	ZM_034_B2_E03	ZM_034_B2_E03_T7C	
35929	ZM_034_B2_E03		ZM_034_B2_E03_MR
35930	ZM_034_B2_E04	ZM_034_B2_E04_T7C	
35931	ZM_034_B2_E04		ZM_034_B2_E04_MR
35932	ZM_034_B2_E05	ZM_034_B2_E05_T7C	
35933	ZM_034_B2_E05		ZM_034_B2_E05_MR
35934	ZM_034_B2_E06	ZM_034_B2_E06_T7C	
35935	ZM_034_B2_E06		ZM_034_B2_E06_MR
35936	ZM_034_B2_E07	ZM_034_B2_E07_T7C	
35937	ZM_034_B2_E07		ZM_034_B2_E07_MR
35938	ZM_034_B2_E08	ZM_034_B2_E08_T7C	
35939	ZM_034_B2_E08		ZM_034_B2_E08_MR
35940	ZM_034_B2_E09	ZM_034_B2_E09_T7C	
35941	ZM_034_B2_E09		ZM_034_B2_E09_MR
35942	ZM_034_B2_E10	ZM_034_B2_E10_T7C	
35943	ZM_034_B2_E10		ZM_034_B2_E10_MR
35944	ZM_034_B2_E11	ZM_034_B2_E11_T7C	
35945	ZM_034_B2_E11		ZM_034_B2_E11_MR
35946	ZM_034_B2_E12	ZM_034_B2_E12_T7C	
35947	ZM_034_B2_E12		ZM_034_B2_E12_MR
35948	ZM_034_B2_F01	ZM_034_B2_F01_T7C	
35949	ZM_034_B2_F01		ZM_034_B2_F01_MR
35950	ZM_034_B2_F02	ZM_034_B2_F02_T7C	
35951	ZM_034_B2_F02		ZM_034_B2_F02_MR
35952	ZM_034_B2_F03	ZM_034_B2_F03_T7C	
35953	ZM_034_B2_F03		ZM_034_B2_F03_MR
35954	ZM_034_B2_F04	ZM_034_B2_F04_T7C	
35955	ZM_034_B2_F04		ZM_034_B2_F04_MR
35956	ZM_034_B2_F05	ZM_034_B2_F05_T7C	
35957	ZM_034_B2_F05		ZM_034_B2_F05_MR
35958	ZM_034_B2_F06	ZM_034_B2_F06_T7C	
35959	ZM_034_B2_F06		ZM_034_B2_F06_MR
35960	ZM_034_B2_F07	ZM_034_B2_F07_T7C	
35961	ZM_034_B2_F08		ZM_034_B2_F08_MR
35962	ZM_034_B2_F10	ZM_034_B2_F10_T7C	
35963	ZM_034_B2_F10		ZM_034_B2_F10_MR
35964	ZM_034_B2_F11	ZM_034_B2_F11_T7C	
35965	ZM_034_B2_F12	ZM_034_B2_F12_T7C	
35966	ZM_034_B2_F12		ZM_034_B2_F12_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
35967	ZM_034_B2_G01	ZM_034_B2_G01_T7C	
35968	ZM_034_B2_G01		ZM_034_B2_G01_MR
35969	ZM_034_B2_G02	ZM_034_B2_G02_T7C	
35970	ZM_034_B2_G03	ZM_034_B2_G03_T7C	
35971	ZM_034_B2_G03		ZM_034_B2_G03_MR
35972	ZM_034_B2_G04	ZM_034_B2_G04_T7C	
35973	ZM_034_B2_G04		ZM_034_B2_G04_MR
35974	ZM_034_B2_G05	ZM_034_B2_G05_T7C	
35975	ZM_034_B2_G06	ZM_034_B2_G06_T7C	
35976	ZM_034_B2_G06		ZM_034_B2_G06_MR
35977	ZM_034_B2_G07	ZM_034_B2_G07_T7C	
35978	ZM_034_B2_G07		ZM_034_B2_G07_MR
35979	ZM_034_B2_G08		ZM_034_B2_G08_MR
35980	ZM_034_B2_G09	ZM_034_B2_G09_T7C	
35981	ZM_034_B2_G09		ZM_034_B2_G09_MR
35982	ZM_034_B2_G10	ZM_034_B2_G10_T7C	
35983	ZM_034_B2_G10		ZM_034_B2_G10_MR
35984	ZM_034_B2_G11	ZM_034_B2_G11_T7C	
35985	ZM_034_B2_G11		ZM_034_B2_G11_MR
35986	ZM_034_B2_H01	ZM_034_B2_H01_T7C	
35987	ZM_034_B2_H01		ZM_034_B2_H01_MR
35988	ZM_034_B2_H02	ZM_034_B2_H02_T7C	
35989	ZM_034_B2_H02		ZM_034_B2_H02_MR
35990	ZM_034_B2_H03	ZM_034_B2_H03_T7C	
35991	ZM_034_B2_H03		ZM_034_B2_H03_MR
35992	ZM_034_B2_H04	ZM_034_B2_H04_T7C	
35993	ZM_034_B2_H04		ZM_034_B2_H04_MR
35994	ZM_034_B2_H05	ZM_034_B2_H05_T7C	
35995	ZM_034_B2_H05		ZM_034_B2_H05_MR
35996	ZM_034_B2_H06	ZM_034_B2_H06_T7C	
35997	ZM_034_B2_H06		ZM_034_B2_H06_MR
35998	ZM_034_B2_H07	ZM_034_B2_H07_T7C	
35999	ZM_034_B2_H07		ZM_034_B2_H07_MR
36000	ZM_034_B2_H08	ZM_034_B2_H08_T7C	
36001	ZM_034_B2_H08		ZM_034_B2_H08_MR
36002	ZM_034_B2_H09		ZM_034_B2_H09_MR
36003	ZM_034_B2_H10	ZM_034_B2_H10_T7C	
36004	ZM_034_B2_H10		ZM_034_B2_H10_MR
36005	ZM_034_B2_H11	ZM_034_B2_H11_T7C	
36006	ZM_034_B2_H11		ZM_034_B2_H11_MR
36007	ZM_034_B2_H12	ZM_034_B2_H12_T7C	
36008	ZM_034_B2_H12		ZM_034_B2_H12_MR
36009	ZM_035_A1_A01	ZM_035_A1_A01_T7C	
36010	ZM_035_A1_A01		ZM_035_A1_A01_MR
36011	ZM_035_A1_A02	ZM_035_A1_A02_T7C	
36012	ZM_035_A1_A02		ZM_035_A1_A02_MR
36013	ZM_035_A1_A03	ZM_035_A1_A03_T7C	
36014	ZM_035_A1_A03		ZM_035_A1_A03_MR
36015	ZM_035_A1_A05	ZM_035_A1_A05_T7C	
36016	ZM_035_A1_A05		ZM_035_A1_A05_MR
36017	ZM_035_A1_A06	ZM_035_A1_A06_T7C	
36018	ZM_035_A1_A06		ZM_035_A1_A06_MR
36019	ZM_035_A1_A07	ZM_035_A1_A07_T7C	
36020	ZM_035_A1_A07		ZM_035_A1_A07_MR
36021	ZM_035_A1_A08	ZM_035_A1_A08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36022	ZM_035_A1_A08		ZM_035_A1_A08_MR
36023	ZM_035_A1_A09		ZM_035_A1_A09_MR
36024	ZM_035_A1_A10	ZM_035_A1_A10_T7C	
36025	ZM_035_A1_A10		ZM_035_A1_A10_MR
36026	ZM_035_A1_A11	ZM_035_A1_A11_T7C	
36027	ZM_035_A1_A11		ZM_035_A1_A11_MR
36028	ZM_035_A1_A12	ZM_035_A1_A12_T7C	
36029	ZM_035_A1_A12		ZM_035_A1_A12_MR
36030	ZM_035_A1_B01	ZM_035_A1_B01_T7C	
36031	ZM_035_A1_B01		ZM_035_A1_B01_MR
36032	ZM_035_A1_B02	ZM_035_A1_B02_T7C	
36033	ZM_035_A1_B02		ZM_035_A1_B02_MR
36034	ZM_035_A1_B03	ZM_035_A1_B03_T7C	
36035	ZM_035_A1_B03		ZM_035_A1_B03_MR
36036	ZM_035_A1_B04	ZM_035_A1_B04_T7C	
36037	ZM_035_A1_B04		ZM_035_A1_B04_MR
36038	ZM_035_A1_B05	ZM_035_A1_B05_T7C	
36039	ZM_035_A1_B05		ZM_035_A1_B05_MR
36040	ZM_035_A1_B06	ZM_035_A1_B06_T7C	
36041	ZM_035_A1_B06		ZM_035_A1_B06_MR
36042	ZM_035_A1_B07	ZM_035_A1_B07_T7C	
36043	ZM_035_A1_B07		ZM_035_A1_B07_MR
36044	ZM_035_A1_B08	ZM_035_A1_B08_T7C	
36045	ZM_035_A1_B08		ZM_035_A1_B08_MR
36046	ZM_035_A1_B09	ZM_035_A1_B09_T7C	
36047	ZM_035_A1_B09		ZM_035_A1_B09_MR
36048	ZM_035_A1_B10	ZM_035_A1_B10_T7C	
36049	ZM_035_A1_B10		ZM_035_A1_B10_MR
36050	ZM_035_A1_B11	ZM_035_A1_B11_T7C	
36051	ZM_035_A1_B11		ZM_035_A1_B11_MR
36052	ZM_035_A1_B12	ZM_035_A1_B12_T7C	
36053	ZM_035_A1_B12		ZM_035_A1_B12_MR
36054	ZM_035_A1_C01	ZM_035_A1_C01_T7C	
36055	ZM_035_A1_C01		ZM_035_A1_C01_MR
36056	ZM_035_A1_C02	ZM_035_A1_C02_T7C	
36057	ZM_035_A1_C02		ZM_035_A1_C02_MR
36058	ZM_035_A1_C03	ZM_035_A1_C03_T7C	
36059	ZM_035_A1_C03		ZM_035_A1_C03_MR
36060	ZM_035_A1_C04	ZM_035_A1_C04_T7C	
36061	ZM_035_A1_C04		ZM_035_A1_C04_MR
36062	ZM_035_A1_C05	ZM_035_A1_C05_T7C	
36063	ZM_035_A1_C05		ZM_035_A1_C05_MR
36064	ZM_035_A1_C06	ZM_035_A1_C06_T7C	
36065	ZM_035_A1_C06		ZM_035_A1_C06_MR
36066	ZM_035_A1_C07	ZM_035_A1_C07_T7C	
36067	ZM_035_A1_C07		ZM_035_A1_C07_MR
36068	ZM_035_A1_C08	ZM_035_A1_C08_T7C	
36069	ZM_035_A1_C08		ZM_035_A1_C08_MR
36070	ZM_035_A1_C09	ZM_035_A1_C09_T7C	
36071	ZM_035_A1_C09		ZM_035_A1_C09_MR
36072	ZM_035_A1_C11	ZM_035_A1_C11_T7C	
36073	ZM_035_A1_C11		ZM_035_A1_C11_MR
36074	ZM_035_A1_C12	ZM_035_A1_C12_T7C	
36075	ZM_035_A1_C12		ZM_035_A1_C12_MR
36076	ZM_035_A1_D01	ZM_035_A1_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36077	ZM_035_A1_D01		ZM_035_A1_D01_MR
36078	ZM_035_A1_D02	ZM_035_A1_D02_T7C	
36079	ZM_035_A1_D02		ZM_035_A1_D02_MR
36080	ZM_035_A1_D03	ZM_035_A1_D03_T7C	
36081	ZM_035_A1_D03		ZM_035_A1_D03_MR
36082	ZM_035_A1_D04		ZM_035_A1_D04_MR
36083	ZM_035_A1_D05	ZM_035_A1_D05_T7C	
36084	ZM_035_A1_D05		ZM_035_A1_D05_MR
36085	ZM_035_A1_D06	ZM_035_A1_D06_T7C	
36086	ZM_035_A1_D06		ZM_035_A1_D06_MR
36087	ZM_035_A1_D07	ZM_035_A1_D07_T7C	
36088	ZM_035_A1_D07		ZM_035_A1_D07_MR
36089	ZM_035_A1_D08	ZM_035_A1_D08_T7C	
36090	ZM_035_A1_D08		ZM_035_A1_D08_MR
36091	ZM_035_A1_D09	ZM_035_A1_D09_T7C	
36092	ZM_035_A1_D09		ZM_035_A1_D09_MR
36093	ZM_035_A1_D10	ZM_035_A1_D10_T7C	
36094	ZM_035_A1_D10		ZM_035_A1_D10_MR
36095	ZM_035_A1_D11	ZM_035_A1_D11_T7C	
36096	ZM_035_A1_D11		ZM_035_A1_D11_MR
36097	ZM_035_A1_D12	ZM_035_A1_D12_T7C	
36098	ZM_035_A1_D12		ZM_035_A1_D12_MR
36099	ZM_035_A1_E01	ZM_035_A1_E01_T7C	
36100	ZM_035_A1_E01		ZM_035_A1_E01_MR
36101	ZM_035_A1_E02	ZM_035_A1_E02_T7C	
36102	ZM_035_A1_E02		ZM_035_A1_E02_MR
36103	ZM_035_A1_E03	ZM_035_A1_E03_T7C	
36104	ZM_035_A1_E03		ZM_035_A1_E03_MR
36105	ZM_035_A1_E04	ZM_035_A1_E04_T7C	
36106	ZM_035_A1_E04		ZM_035_A1_E04_MR
36107	ZM_035_A1_E05	ZM_035_A1_E05_T7C	
36108	ZM_035_A1_E05		ZM_035_A1_E05_MR
36109	ZM_035_A1_E06	ZM_035_A1_E06_T7C	
36110	ZM_035_A1_E06		ZM_035_A1_E06_MR
36111	ZM_035_A1_E07	ZM_035_A1_E07_T7C	
36112	ZM_035_A1_E07		ZM_035_A1_E07_MR
36113	ZM_035_A1_E08	ZM_035_A1_E08_T7C	
36114	ZM_035_A1_E08		ZM_035_A1_E08_MR
36115	ZM_035_A1_E09	ZM_035_A1_E09_T7C	
36116	ZM_035_A1_E09		ZM_035_A1_E09_MR
36117	ZM_035_A1_E10	ZM_035_A1_E10_T7C	
36118	ZM_035_A1_E10		ZM_035_A1_E10_MR
36119	ZM_035_A1_E11	ZM_035_A1_E11_T7C	
36120	ZM_035_A1_E11		ZM_035_A1_E11_MR
36121	ZM_035_A1_E12	ZM_035_A1_E12_T7C	
36122	ZM_035_A1_E12		ZM_035_A1_E12_MR
36123	ZM_035_A1_F01		ZM_035_A1_F01_MR
36124	ZM_035_A1_F02	ZM_035_A1_F02_T7C	
36125	ZM_035_A1_F02		ZM_035_A1_F02_MR
36126	ZM_035_A1_F03	ZM_035_A1_F03_T7C	
36127	ZM_035_A1_F03		ZM_035_A1_F03_MR
36128	ZM_035_A1_F04	ZM_035_A1_F04_T7C	
36129	ZM_035_A1_F04		ZM_035_A1_F04_MR
36130	ZM_035_A1_F05		ZM_035_A1_F05_MR
36131	ZM_035_A1_F06	ZM_035_A1_F06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36132	ZM_035_A1_F06		ZM_035_A1_F06_MR
36133	ZM_035_A1_F07	ZM_035_A1_F07_T7C	
36134	ZM_035_A1_F07		ZM_035_A1_F07_MR
36135	ZM_035_A1_F08	ZM_035_A1_F08_T7C	
36136	ZM_035_A1_F08		ZM_035_A1_F08_MR
36137	ZM_035_A1_F09	ZM_035_A1_F09_T7C	
36138	ZM_035_A1_F09		ZM_035_A1_F09_MR
36139	ZM_035_A1_F10	ZM_035_A1_F10_T7C	
36140	ZM_035_A1_F10		ZM_035_A1_F10_MR
36141	ZM_035_A1_F11	ZM_035_A1_F11_T7C	
36142	ZM_035_A1_F11		ZM_035_A1_F11_MR
36143	ZM_035_A1_F12	ZM_035_A1_F12_T7C	
36144	ZM_035_A1_F12		ZM_035_A1_F12_MR
36145	ZM_035_A1_G01	ZM_035_A1_G01_T7C	
36146	ZM_035_A1_G01		ZM_035_A1_G01_MR
36147	ZM_035_A1_G02		ZM_035_A1_G02_MR
36148	ZM_035_A1_G03	ZM_035_A1_G03_T7C	
36149	ZM_035_A1_G03		ZM_035_A1_G03_MR
36150	ZM_035_A1_G04	ZM_035_A1_G04_T7C	
36151	ZM_035_A1_G04		ZM_035_A1_G04_MR
36152	ZM_035_A1_G05	ZM_035_A1_G05_T7C	
36153	ZM_035_A1_G06	ZM_035_A1_G06_T7C	
36154	ZM_035_A1_G06		ZM_035_A1_G06_MR
36155	ZM_035_A1_G07	ZM_035_A1_G07_T7C	
36156	ZM_035_A1_G07		ZM_035_A1_G07_MR
36157	ZM_035_A1_G08	ZM_035_A1_G08_T7C	
36158	ZM_035_A1_G08		ZM_035_A1_G08_MR
36159	ZM_035_A1_G09		ZM_035_A1_G09_MR
36160	ZM_035_A1_G10	ZM_035_A1_G10_T7C	
36161	ZM_035_A1_G10		ZM_035_A1_G10_MR
36162	ZM_035_A1_G11	ZM_035_A1_G11_T7C	
36163	ZM_035_A1_G11		ZM_035_A1_G11_MR
36164	ZM_035_A1_G12	ZM_035_A1_G12_T7C	
36165	ZM_035_A1_G12		ZM_035_A1_G12_MR
36166	ZM_035_A1_H01	ZM_035_A1_H01_T7C	
36167	ZM_035_A1_H01		ZM_035_A1_H01_MR
36168	ZM_035_A1_H02	ZM_035_A1_H02_T7C	
36169	ZM_035_A1_H03	ZM_035_A1_H03_T7C	
36170	ZM_035_A1_H03		ZM_035_A1_H03_MR
36171	ZM_035_A1_H04	ZM_035_A1_H04_T7C	
36172	ZM_035_A1_H04		ZM_035_A1_H04_MR
36173	ZM_035_A1_H05	ZM_035_A1_H05_T7C	
36174	ZM_035_A1_H05		ZM_035_A1_H05_MR
36175	ZM_035_A1_H06	ZM_035_A1_H06_T7C	
36176	ZM_035_A1_H06		ZM_035_A1_H06_MR
36177	ZM_035_A1_H07	ZM_035_A1_H07_T7C	
36178	ZM_035_A1_H07		ZM_035_A1_H07_MR
36179	ZM_035_A1_H08	ZM_035_A1_H08_T7C	
36180	ZM_035_A1_H08		ZM_035_A1_H08_MR
36181	ZM_035_A1_H09	ZM_035_A1_H09_T7C	
36182	ZM_035_A1_H09		ZM_035_A1_H09_MR
36183	ZM_035_A1_H10	ZM_035_A1_H10_T7C	
36184	ZM_035_A1_H10		ZM_035_A1_H10_MR
36185	ZM_035_A1_H11	ZM_035_A1_H11_T7C	
36186	ZM_035_A1_H11		ZM_035_A1_H11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36187	ZM_035_B1_A01	ZM_035_B1_A01_T7C	ZM_035_B1_A01_MR
36188	ZM_035_B1_A01		
36189	ZM_035_B1_A02	ZM_035_B1_A02_T7C	ZM_035_B1_A02_MR
36190	ZM_035_B1_A02		
36191	ZM_035_B1_A03	ZM_035_B1_A03_T7C	ZM_035_B1_A04_MR
36192	ZM_035_B1_A04		
36193	ZM_035_B1_A05	ZM_035_B1_A05_T7C	ZM_035_B1_A05_MR
36194	ZM_035_B1_A05		
36195	ZM_035_B1_A06	ZM_035_B1_A06_T7C	ZM_035_B1_A06_MR
36196	ZM_035_B1_A06		ZM_035_B1_A07_MR
36197	ZM_035_B1_A07		ZM_035_B1_A08_MR
36198	ZM_035_B1_A08		ZM_035_B1_A09_MR
36199	ZM_035_B1_A09		ZM_035_B1_A10_MR
36200	ZM_035_B1_A10		ZM_035_B1_A11_MR
36201	ZM_035_B1_A11		
36202	ZM_035_B1_A12	ZM_035_B1_A12_T7C	ZM_035_B1_A12_MR
36203	ZM_035_B1_A12		
36204	ZM_035_B1_B01	ZM_035_B1_B01_T7C	ZM_035_B1_B01_MR
36205	ZM_035_B1_B01		
36206	ZM_035_B1_B02	ZM_035_B1_B02_T7C	ZM_035_B1_B02_MR
36207	ZM_035_B1_B02		
36208	ZM_035_B1_B03	ZM_035_B1_B03_T7C	ZM_035_B1_B03_MR
36209	ZM_035_B1_B03		
36210	ZM_035_B1_B04	ZM_035_B1_B04_T7C	ZM_035_B1_B04_MR
36211	ZM_035_B1_B04		
36212	ZM_035_B1_B05	ZM_035_B1_B05_T7C	ZM_035_B1_B05_MR
36213	ZM_035_B1_B05		
36214	ZM_035_B1_B06	ZM_035_B1_B06_T7C	ZM_035_B1_B06_MR
36215	ZM_035_B1_B06		ZM_035_B1_B07_MR
36216	ZM_035_B1_B07		
36217	ZM_035_B1_B08	ZM_035_B1_B08_T7C	ZM_035_B1_B08_MR
36218	ZM_035_B1_B08		
36219	ZM_035_B1_B09	ZM_035_B1_B09_T7C	ZM_035_B1_B09_MR
36220	ZM_035_B1_B09		
36221	ZM_035_B1_B10	ZM_035_B1_B10_T7C	ZM_035_B1_B10_MR
36222	ZM_035_B1_B10		
36223	ZM_035_B1_B11	ZM_035_B1_B11_T7C	ZM_035_B1_B11_MR
36224	ZM_035_B1_B11		
36225	ZM_035_B1_B12	ZM_035_B1_B12_T7C	ZM_035_B1_B12_MR
36226	ZM_035_B1_B12		
36227	ZM_035_B1_C01	ZM_035_B1_C01_T7C	ZM_035_B1_C01_MR
36228	ZM_035_B1_C01		
36229	ZM_035_B1_C02	ZM_035_B1_C02_T7C	ZM_035_B1_C02_MR
36230	ZM_035_B1_C02		
36231	ZM_035_B1_C03	ZM_035_B1_C03_T7C	ZM_035_B1_C03_MR
36232	ZM_035_B1_C03		
36233	ZM_035_B1_C04	ZM_035_B1_C04_T7C	ZM_035_B1_C04_MR
36234	ZM_035_B1_C04		
36235	ZM_035_B1_C05	ZM_035_B1_C05_T7C	ZM_035_B1_C05_MR
36236	ZM_035_B1_C05		ZM_035_B1_C06_MR
36237	ZM_035_B1_C06		ZM_035_B1_C07_MR
36238	ZM_035_B1_C07		ZM_035_B1_C08_MR
36239	ZM_035_B1_C08		ZM_035_B1_C09_MR
36240	ZM_035_B1_C09		ZM_035_B1_C10_MR
36241	ZM_035_B1_C10		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36242	ZM_035_B1_C11		ZM_035_B1_C11_MR
36243	ZM_035_B1_C12		ZM_035_B1_C12_MR
36244	ZM_035_B1_D01	ZM_035_B1_D01_T7C	
36245	ZM_035_B1_D01		ZM_035_B1_D01_MR
36246	ZM_035_B1_D02	ZM_035_B1_D02_T7C	
36247	ZM_035_B1_D02		ZM_035_B1_D02_MR
36248	ZM_035_B1_D03	ZM_035_B1_D03_T7C	
36249	ZM_035_B1_D03		ZM_035_B1_D03_MR
36250	ZM_035_B1_D04	ZM_035_B1_D04_T7C	
36251	ZM_035_B1_D04		ZM_035_B1_D04_MR
36252	ZM_035_B1_D05	ZM_035_B1_D05_T7C	
36253	ZM_035_B1_D05		ZM_035_B1_D05_MR
36254	ZM_035_B1_D06	ZM_035_B1_D06_T7C	
36255	ZM_035_B1_D06		ZM_035_B1_D06_MR
36256	ZM_035_B1_D07	ZM_035_B1_D07_T7C	
36257	ZM_035_B1_D07		ZM_035_B1_D07_MR
36258	ZM_035_B1_D08	ZM_035_B1_D08_T7C	
36259	ZM_035_B1_D08		ZM_035_B1_D08_MR
36260	ZM_035_B1_D09	ZM_035_B1_D09_T7C	
36261	ZM_035_B1_D09		ZM_035_B1_D09_MR
36262	ZM_035_B1_D10	ZM_035_B1_D10_T7C	
36263	ZM_035_B1_D10		ZM_035_B1_D10_MR
36264	ZM_035_B1_D11	ZM_035_B1_D11_T7C	
36265	ZM_035_B1_D11		ZM_035_B1_D11_MR
36266	ZM_035_B1_D12	ZM_035_B1_D12_T7C	
36267	ZM_035_B1_D12		ZM_035_B1_D12_MR
36268	ZM_035_B1_E01	ZM_035_B1_E01_T7C	
36269	ZM_035_B1_E01		ZM_035_B1_E01_MR
36270	ZM_035_B1_E02		ZM_035_B1_E02_MR
36271	ZM_035_B1_E03	ZM_035_B1_E03_T7C	
36272	ZM_035_B1_E03		ZM_035_B1_E03_MR
36273	ZM_035_B1_E04		ZM_035_B1_E04_MR
36274	ZM_035_B1_E05		ZM_035_B1_E05_MR
36275	ZM_035_B1_E06	ZM_035_B1_E06_T7C	
36276	ZM_035_B1_E06		ZM_035_B1_E06_MR
36277	ZM_035_B1_E07	ZM_035_B1_E07_T7C	
36278	ZM_035_B1_E07		ZM_035_B1_E07_MR
36279	ZM_035_B1_E08		ZM_035_B1_E08_MR
36280	ZM_035_B1_E09		ZM_035_B1_E09_MR
36281	ZM_035_B1_E10	ZM_035_B1_E10_T7C	
36282	ZM_035_B1_E10		ZM_035_B1_E10_MR
36283	ZM_035_B1_E11	ZM_035_B1_E11_T7C	
36284	ZM_035_B1_E11		ZM_035_B1_E11_MR
36285	ZM_035_B1_E12		ZM_035_B1_E12_MR
36286	ZM_035_B1_F01	ZM_035_B1_F01_T7C	
36287	ZM_035_B1_F01		ZM_035_B1_F01_MR
36288	ZM_035_B1_F02	ZM_035_B1_F02_T7C	
36289	ZM_035_B1_F02		ZM_035_B1_F02_MR
36290	ZM_035_B1_F03	ZM_035_B1_F03_T7C	
36291	ZM_035_B1_F03		ZM_035_B1_F03_MR
36292	ZM_035_B1_F04	ZM_035_B1_F04_T7C	
36293	ZM_035_B1_F04		ZM_035_B1_F04_MR
36294	ZM_035_B1_F05	ZM_035_B1_F05_T7C	
36295	ZM_035_B1_F05		ZM_035_B1_F05_MR
36296	ZM_035_B1_F06	ZM_035_B1_F06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36297	ZM_035_B1_F06		ZM_035_B1_F06_MR
36298	ZM_035_B1_F07	ZM_035_B1_F07_T7C	
36299	ZM_035_B1_F07		ZM_035_B1_F07_MR
36300	ZM_035_B1_F08		ZM_035_B1_F08_MR
36301	ZM_035_B1_F09	ZM_035_B1_F09_T7C	
36302	ZM_035_B1_F09		ZM_035_B1_F09_MR
36303	ZM_035_B1_F10	ZM_035_B1_F10_T7C	
36304	ZM_035_B1_F10		ZM_035_B1_F10_MR
36305	ZM_035_B1_F11	ZM_035_B1_F11_T7C	
36306	ZM_035_B1_F11		ZM_035_B1_F11_MR
36307	ZM_035_B1_F12	ZM_035_B1_F12_T7C	
36308	ZM_035_B1_F12		ZM_035_B1_F12_MR
36309	ZM_035_B1_G01	ZM_035_B1_G01_T7C	
36310	ZM_035_B1_G01		ZM_035_B1_G01_MR
36311	ZM_035_B1_G02	ZM_035_B1_G02_T7C	
36312	ZM_035_B1_G02		ZM_035_B1_G02_MR
36313	ZM_035_B1_G03	ZM_035_B1_G03_T7C	
36314	ZM_035_B1_G03		ZM_035_B1_G03_MR
36315	ZM_035_B1_G04	ZM_035_B1_G04_T7C	
36316	ZM_035_B1_G04		ZM_035_B1_G04_MR
36317	ZM_035_B1_G05	ZM_035_B1_G05_T7C	
36318	ZM_035_B1_G05		ZM_035_B1_G05_MR
36319	ZM_035_B1_G06	ZM_035_B1_G06_T7C	
36320	ZM_035_B1_G06		ZM_035_B1_G06_MR
36321	ZM_035_B1_G07		ZM_035_B1_G07_MR
36322	ZM_035_B1_G08		ZM_035_B1_G08_MR
36323	ZM_035_B1_G09	ZM_035_B1_G09_T7C	
36324	ZM_035_B1_G09		ZM_035_B1_G09_MR
36325	ZM_035_B1_G10	ZM_035_B1_G10_T7C	
36326	ZM_035_B1_G10		ZM_035_B1_G10_MR
36327	ZM_035_B1_G11	ZM_035_B1_G11_T7C	
36328	ZM_035_B1_G12	ZM_035_B1_G12_T7C	
36329	ZM_035_B1_G12		ZM_035_B1_G12_MR
36330	ZM_035_B1_H01	ZM_035_B1_H01_T7C	
36331	ZM_035_B1_H01		ZM_035_B1_H01_MR
36332	ZM_035_B1_H02	ZM_035_B1_H02_T7C	
36333	ZM_035_B1_H02		ZM_035_B1_H02_MR
36334	ZM_035_B1_H03	ZM_035_B1_H03_T7C	
36335	ZM_035_B1_H03		ZM_035_B1_H03_MR
36336	ZM_035_B1_H04	ZM_035_B1_H04_T7C	
36337	ZM_035_B1_H04		ZM_035_B1_H04_MR
36338	ZM_035_B1_H06	ZM_035_B1_H06_T7C	
36339	ZM_035_B1_H06		ZM_035_B1_H06_MR
36340	ZM_035_B1_H07	ZM_035_B1_H07_T7C	
36341	ZM_035_B1_H07		ZM_035_B1_H07_MR
36342	ZM_035_B1_H08	ZM_035_B1_H08_T7C	
36343	ZM_035_B1_H08		ZM_035_B1_H08_MR
36344	ZM_035_B1_H09	ZM_035_B1_H09_T7C	
36345	ZM_035_B1_H09		ZM_035_B1_H09_MR
36346	ZM_035_B1_H10	ZM_035_B1_H10_T7C	
36347	ZM_035_B1_H10		ZM_035_B1_H10_MR
36348	ZM_035_B1_H11	ZM_035_B1_H11_T7C	
36349	ZM_035_B1_H11		ZM_035_B1_H11_MR
36350	ZM_035_B1_H12	ZM_035_B1_H12_T7C	
36351	ZM_035_B1_H12		ZM_035_B1_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36352	ZM_035_B2_A02	ZM_035_B2_A02_T7C	
36353	ZM_035_B2_A03	ZM_035_B2_A03_T7C	
36354	ZM_035_B2_A04	ZM_035_B2_A04_T7C	
36355	ZM_035_B2_A05	ZM_035_B2_A05_T7C	
36356	ZM_035_B2_A06	ZM_035_B2_A06_T7C	
36357	ZM_035_B2_A07	ZM_035_B2_A07_T7C	
36358	ZM_035_B2_A08	ZM_035_B2_A08_T7C	
36359	ZM_035_B2_A09	ZM_035_B2_A09_T7C	
36360	ZM_035_B2_A10	ZM_035_B2_A10_T7C	
36361	ZM_035_B2_A11	ZM_035_B2_A11_T7C	
36362	ZM_035_B2_A12	ZM_035_B2_A12_T7C	
36363	ZM_035_B2_B02	ZM_035_B2_B02_T7C	
36364	ZM_035_B2_B03	ZM_035_B2_B03_T7C	
36365	ZM_035_B2_B04	ZM_035_B2_B04_T7C	
36366	ZM_035_B2_B05	ZM_035_B2_B05_T7C	
36367	ZM_035_B2_B06	ZM_035_B2_B06_T7C	
36368	ZM_035_B2_B07	ZM_035_B2_B07_T7C	
36369	ZM_035_B2_B09	ZM_035_B2_B09_T7C	
36370	ZM_035_B2_C02	ZM_035_B2_C02_T7C	
36371	ZM_035_B2_C03	ZM_035_B2_C03_T7C	
36372	ZM_035_B2_C04	ZM_035_B2_C04_T7C	
36373	ZM_035_B2_C05	ZM_035_B2_C05_T7C	
36374	ZM_035_B2_C06	ZM_035_B2_C06_T7C	
36375	ZM_035_B2_C07	ZM_035_B2_C07_T7C	
36376	ZM_035_B2_C09	ZM_035_B2_C09_T7C	
36377	ZM_035_B2_C10	ZM_035_B2_C10_T7C	
36378	ZM_035_B2_C11	ZM_035_B2_C11_T7C	
36379	ZM_035_B2_D02	ZM_035_B2_D02_T7C	
36380	ZM_035_B2_D03	ZM_035_B2_D03_T7C	
36381	ZM_035_B2_D04	ZM_035_B2_D04_T7C	
36382	ZM_035_B2_D05	ZM_035_B2_D05_T7C	
36383	ZM_035_B2_D06	ZM_035_B2_D06_T7C	
36384	ZM_035_B2_D07	ZM_035_B2_D07_T7C	
36385	ZM_035_B2_D08	ZM_035_B2_D08_T7C	
36386	ZM_035_B2_D09	ZM_035_B2_D09_T7C	
36387	ZM_035_B2_D10	ZM_035_B2_D10_T7C	
36388	ZM_035_B2_D11	ZM_035_B2_D11_T7C	
36389	ZM_035_B2_D12	ZM_035_B2_D12_T7C	
36390	ZM_035_B2_E01	ZM_035_B2_E01_T7C	
36391	ZM_035_B2_E02	ZM_035_B2_E02_T7C	
36392	ZM_035_B2_E03	ZM_035_B2_E03_T7C	
36393	ZM_035_B2_E04	ZM_035_B2_E04_T7C	
36394	ZM_035_B2_E05	ZM_035_B2_E05_T7C	
36395	ZM_035_B2_E06	ZM_035_B2_E06_T7C	
36396	ZM_035_B2_E07	ZM_035_B2_E07_T7C	
36397	ZM_035_B2_E08	ZM_035_B2_E08_T7C	
36398	ZM_035_B2_E09	ZM_035_B2_E09_T7C	
36399	ZM_035_B2_E10	ZM_035_B2_E10_T7C	
36400	ZM_035_B2_E11	ZM_035_B2_E11_T7C	
36401	ZM_035_B2_E12	ZM_035_B2_E12_T7C	
36402	ZM_035_B2_F01	ZM_035_B2_F01_T7C	
36403	ZM_035_B2_F04	ZM_035_B2_F04_T7C	
36404	ZM_035_B2_F05	ZM_035_B2_F05_T7C	
36405	ZM_035_B2_F06	ZM_035_B2_F06_T7C	
36406	ZM_035_B2_F07	ZM_035_B2_F07_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36407	ZM_035_B2_F08	ZM_035_B2_F08_T7C	
36408	ZM_035_B2_F09	ZM_035_B2_F09_T7C	
36409	ZM_035_B2_F10	ZM_035_B2_F10_T7C	
36410	ZM_035_B2_F11	ZM_035_B2_F11_T7C	
36411	ZM_035_B2_F12	ZM_035_B2_F12_T7C	
36412	ZM_035_B2_G02	ZM_035_B2_G02_T7C	
36413	ZM_035_B2_G03	ZM_035_B2_G03_T7C	
36414	ZM_035_B2_G04	ZM_035_B2_G04_T7C	
36415	ZM_035_B2_G05	ZM_035_B2_G05_T7C	
36416	ZM_035_B2_G06	ZM_035_B2_G06_T7C	
36417	ZM_035_B2_G07	ZM_035_B2_G07_T7C	
36418	ZM_035_B2_G08	ZM_035_B2_G08_T7C	
36419	ZM_035_B2_G09	ZM_035_B2_G09_T7C	
36420	ZM_035_B2_G10	ZM_035_B2_G10_T7C	
36421	ZM_035_B2_G11	ZM_035_B2_G11_T7C	
36422	ZM_035_B2_G12	ZM_035_B2_G12_T7C	
36423	ZM_035_B2_H01	ZM_035_B2_H01_T7C	
36424	ZM_035_B2_H02	ZM_035_B2_H02_T7C	
36425	ZM_035_B2_H03	ZM_035_B2_H03_T7C	
36426	ZM_035_B2_H04	ZM_035_B2_H04_T7C	
36427	ZM_035_B2_H06	ZM_035_B2_H06_T7C	
36428	ZM_035_B2_H07	ZM_035_B2_H07_T7C	
36429	ZM_035_B2_H08	ZM_035_B2_H08_T7C	
36430	ZM_035_B2_H10	ZM_035_B2_H10_T7C	
36431	ZM_035_B2_H11	ZM_035_B2_H11_T7C	
36432	ZM_035_B2_H12	ZM_035_B2_H12_T7C	
36433	ZM_036_A1_A01	ZM_036_A1_A01_T7C	
36434	ZM_036_A1_A01		ZM_036_A1_A01_MR
36435	ZM_036_A1_A02	ZM_036_A1_A02_T7C	
36436	ZM_036_A1_A03	ZM_036_A1_A03_T7C	
36437	ZM_036_A1_A04	ZM_036_A1_A04_T7C	
36438	ZM_036_A1_A04		ZM_036_A1_A04_MR
36439	ZM_036_A1_A05	ZM_036_A1_A05_T7C	
36440	ZM_036_A1_A05		ZM_036_A1_A05_MR
36441	ZM_036_A1_A06	ZM_036_A1_A06_T7C	
36442	ZM_036_A1_A06		ZM_036_A1_A06_MR
36443	ZM_036_A1_A07	ZM_036_A1_A07_T7C	
36444	ZM_036_A1_A07		ZM_036_A1_A07_MR
36445	ZM_036_A1_A08	ZM_036_A1_A08_T7C	
36446	ZM_036_A1_A10	ZM_036_A1_A10_T7C	
36447	ZM_036_A1_A10		ZM_036_A1_A10_MR
36448	ZM_036_A1_A11	ZM_036_A1_A11_T7C	
36449	ZM_036_A1_A12	ZM_036_A1_A12_T7C	
36450	ZM_036_A1_B01	ZM_036_A1_B01_T7C	
36451	ZM_036_A1_B02	ZM_036_A1_B02_T7C	
36452	ZM_036_A1_B02		ZM_036_A1_B02_MR
36453	ZM_036_A1_B03	ZM_036_A1_B03_T7C	
36454	ZM_036_A1_B03		ZM_036_A1_B03_MR
36455	ZM_036_A1_B04	ZM_036_A1_B04_T7C	
36456	ZM_036_A1_B05	ZM_036_A1_B05_T7C	
36457	ZM_036_A1_B06	ZM_036_A1_B06_T7C	
36458	ZM_036_A1_B07	ZM_036_A1_B07_T7C	
36459	ZM_036_A1_B08	ZM_036_A1_B08_T7C	
36460	ZM_036_A1_B09	ZM_036_A1_B09_T7C	
36461	ZM_036_A1_B10	ZM_036_A1_B10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36462	ZM_036_A1_B10		ZM_036_A1_B10_MR
36463	ZM_036_A1_B11	ZM_036_A1_B11_T7C	
36464	ZM_036_A1_B11		ZM_036_A1_B11_MR
36465	ZM_036_A1_B12	ZM_036_A1_B12_T7C	
36466	ZM_036_A1_C01	ZM_036_A1_C01_T7C	
36467	ZM_036_A1_C02	ZM_036_A1_C02_T7C	
36468	ZM_036_A1_C03	ZM_036_A1_C03_T7C	
36469	ZM_036_A1_C04	ZM_036_A1_C04_T7C	
36470	ZM_036_A1_C05	ZM_036_A1_C05_T7C	
36471	ZM_036_A1_C06	ZM_036_A1_C06_T7C	
36472	ZM_036_A1_C07	ZM_036_A1_C07_T7C	
36473	ZM_036_A1_C08	ZM_036_A1_C08_T7C	
36474	ZM_036_A1_C08		ZM_036_A1_C08_MR
36475	ZM_036_A1_C09	ZM_036_A1_C09_T7C	
36476	ZM_036_A1_C10	ZM_036_A1_C10_T7C	
36477	ZM_036_A1_C11	ZM_036_A1_C11_T7C	
36478	ZM_036_A1_C11		ZM_036_A1_C11_MR
36479	ZM_036_A1_C12	ZM_036_A1_C12_T7C	
36480	ZM_036_A1_D04	ZM_036_A1_D04_T7C	
36481	ZM_036_A1_D04		ZM_036_A1_D04_MR
36482	ZM_036_A1_D05	ZM_036_A1_D05_T7C	
36483	ZM_036_A1_D05		ZM_036_A1_D05_MR
36484	ZM_036_A1_D06	ZM_036_A1_D06_T7C	
36485	ZM_036_A1_D07	ZM_036_A1_D07_T7C	
36486	ZM_036_A1_D07		ZM_036_A1_D07_MR
36487	ZM_036_A1_D09	ZM_036_A1_D09_T7C	
36488	ZM_036_A1_D10	ZM_036_A1_D10_T7C	
36489	ZM_036_A1_D11	ZM_036_A1_D11_T7C	
36490	ZM_036_A1_D11		ZM_036_A1_D11_MR
36491	ZM_036_A1_D12	ZM_036_A1_D12_T7C	
36492	ZM_036_A1_E01	ZM_036_A1_E01_T7C	
36493	ZM_036_A1_E02	ZM_036_A1_E02_T7C	
36494	ZM_036_A1_E03	ZM_036_A1_E03_T7C	
36495	ZM_036_A1_E04	ZM_036_A1_E04_T7C	
36496	ZM_036_A1_E05	ZM_036_A1_E05_T7C	
36497	ZM_036_A1_E05		ZM_036_A1_E05_MR
36498	ZM_036_A1_E06	ZM_036_A1_E06_T7C	
36499	ZM_036_A1_E07	ZM_036_A1_E07_T7C	
36500	ZM_036_A1_E07		ZM_036_A1_E07_MR
36501	ZM_036_A1_E08	ZM_036_A1_E08_T7C	
36502	ZM_036_A1_E08		ZM_036_A1_E08_MR
36503	ZM_036_A1_E09	ZM_036_A1_E09_T7C	
36504	ZM_036_A1_E10	ZM_036_A1_E10_T7C	
36505	ZM_036_A1_E11	ZM_036_A1_E11_T7C	
36506	ZM_036_A1_E11		ZM_036_A1_E11_MR
36507	ZM_036_A1_E12	ZM_036_A1_E12_T7C	
36508	ZM_036_A1_F01	ZM_036_A1_F01_T7C	
36509	ZM_036_A1_F02	ZM_036_A1_F02_T7C	
36510	ZM_036_A1_F03	ZM_036_A1_F03_T7C	
36511	ZM_036_A1_F04	ZM_036_A1_F04_T7C	
36512	ZM_036_A1_F05	ZM_036_A1_F05_T7C	
36513	ZM_036_A1_F05		ZM_036_A1_F05_MR
36514	ZM_036_A1_F06	ZM_036_A1_F06_T7C	
36515	ZM_036_A1_F07	ZM_036_A1_F07_T7C	
36516	ZM_036_A1_F07		ZM_036_A1_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36517	ZM_036_A1_F08	ZM_036_A1_F08_T7C	
36518	ZM_036_A1_F08		ZM_036_A1_F08_MR
36519	ZM_036_A1_F09	ZM_036_A1_F09_T7C	
36520	ZM_036_A1_F09		ZM_036_A1_F09_MR
36521	ZM_036_A1_F10	ZM_036_A1_F10_T7C	
36522	ZM_036_A1_F11	ZM_036_A1_F11_T7C	
36523	ZM_036_A1_F12	ZM_036_A1_F12_T7C	
36524	ZM_036_A1_G01	ZM_036_A1_G01_T7C	
36525	ZM_036_A1_G01		ZM_036_A1_G01_MR
36526	ZM_036_A1_G02	ZM_036_A1_G02_T7C	
36527	ZM_036_A1_G03	ZM_036_A1_G03_T7C	
36528	ZM_036_A1_G04	ZM_036_A1_G04_T7C	
36529	ZM_036_A1_G05	ZM_036_A1_G05_T7C	
36530	ZM_036_A1_G06	ZM_036_A1_G06_T7C	
36531	ZM_036_A1_G06		ZM_036_A1_G06_MR
36532	ZM_036_A1_G07	ZM_036_A1_G07_T7C	
36533	ZM_036_A1_G08	ZM_036_A1_G08_T7C	
36534	ZM_036_A1_G09	ZM_036_A1_G09_T7C	
36535	ZM_036_A1_G10		ZM_036_A1_G10_MR
36536	ZM_036_A1_G11	ZM_036_A1_G11_T7C	
36537	ZM_036_A1_G12	ZM_036_A1_G12_T7C	
36538	ZM_036_A1_G12		ZM_036_A1_G12_MR
36539	ZM_036_A1_H01	ZM_036_A1_H01_T7C	
36540	ZM_036_A1_H02	ZM_036_A1_H02_T7C	
36541	ZM_036_A1_H02		ZM_036_A1_H02_MR
36542	ZM_036_A1_H03	ZM_036_A1_H03_T7C	
36543	ZM_036_A1_H04	ZM_036_A1_H04_T7C	
36544	ZM_036_A1_H05	ZM_036_A1_H05_T7C	
36545	ZM_036_A1_H05		ZM_036_A1_H05_MR
36546	ZM_036_A1_H06	ZM_036_A1_H06_T7C	
36547	ZM_036_A1_H07	ZM_036_A1_H07_T7C	
36548	ZM_036_A1_H07		ZM_036_A1_H07_MR
36549	ZM_036_A1_H08	ZM_036_A1_H08_T7C	
36550	ZM_036_A1_H09	ZM_036_A1_H09_T7C	
36551	ZM_036_A1_H09		ZM_036_A1_H09_MR
36552	ZM_036_A1_H10	ZM_036_A1_H10_T7C	
36553	ZM_036_A1_H11	ZM_036_A1_H11_T7C	
36554	ZM_036_A1_H12	ZM_036_A1_H12_T7C	
36555	ZM_036_A1_H12		ZM_036_A1_H12_MR
36556	ZM_036_A2_A01		ZM_036_A2_A01_MR
36557	ZM_036_A2_A02	ZM_036_A2_A02_T7C	
36558	ZM_036_A2_A02		ZM_036_A2_A02_MR
36559	ZM_036_A2_A03	ZM_036_A2_A03_T7C	
36560	ZM_036_A2_A03		ZM_036_A2_A03_MR
36561	ZM_036_A2_A04		ZM_036_A2_A04_MR
	ZM_036_A2_A05		ZM_036_A2_A05_MR
36563	ZM_036_A2_A06		ZM_036_A2_A06_MR
36564	ZM_036_A2_A07		ZM_036_A2_A07_MR
36565	ZM_036_A2_A09		ZM_036_A2_A09_MR
36566	ZM_036_A2_A10		ZM_036_A2_A10_MR
36567	ZM_036_A2_A11		ZM_036_A2_A11_MR
36568	ZM_036_A2_A12		ZM_036_A2_A12_MR
36569	ZM_036_A2_B01		ZM_036_A2_B01_MR
36570	ZM_036_A2_B02		ZM_036_A2_B02_MR
36571	ZM_036_A2_B04	ZM_036_A2_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36572	ZM_036_A2_B05		ZM_036_A2_B05_MR
36573	ZM_036_A2_B07	ZM_036_A2_B07_T7C	
36574	ZM_036_A2_B07		ZM_036_A2_B07_MR
36575	ZM_036_A2_B08	ZM_036_A2_B08_T7C	
36576	ZM_036_A2_B09		ZM_036_A2_B09_MR
36577	ZM_036_A2_B10		ZM_036_A2_B10_MR
36578	ZM_036_A2_B11		ZM_036_A2_B11_MR
36579	ZM_036_A2_B12		ZM_036_A2_B12_MR
36580	ZM_036_A2_C01	ZM_036_A2_C01_T7C	
36581	ZM_036_A2_C01		ZM_036_A2_C01_MR
36582	ZM_036_A2_C02		ZM_036_A2_C02_MR
36583	ZM_036_A2_C03	ZM_036_A2_C03_T7C	
36584	ZM_036_A2_C03		ZM_036_A2_C03_MR
36585	ZM_036_A2_C04	ZM_036_A2_C04_T7C	
36586	ZM_036_A2_C05		ZM_036_A2_C05_MR
36587	ZM_036_A2_C06		ZM_036_A2_C06_MR
36588	ZM_036_A2_C07	ZM_036_A2_C07_T7C	
36589	ZM_036_A2_C07		ZM_036_A2_C07_MR
36590	ZM_036_A2_C09		ZM_036_A2_C09_MR
36591	ZM_036_A2_C10		ZM_036_A2_C10_MR
36592	ZM_036_A2_C11	ZM_036_A2_C11_T7C	
36593	ZM_036_A2_C11		ZM_036_A2_C11_MR
36594	ZM_036_A2_C12		ZM_036_A2_C12_MR
36595	ZM_036_A2_D02		ZM_036_A2_D02_MR
36596	ZM_036_A2_D03	ZM_036_A2_D03_T7C	
36597	ZM_036_A2_D03		ZM_036_A2_D03_MR
36598	ZM_036_A2_D04	ZM_036_A2_D04_T7C	
36599	ZM_036_A2_D07	ZM_036_A2_D07_T7C	
36600	ZM_036_A2_D07		ZM_036_A2_D07_MR
36601	ZM_036_A2_D08		ZM_036_A2_D08_MR
36602	ZM_036_A2_D09		ZM_036_A2_D09_MR
36603	ZM_036_A2_D10		ZM_036_A2_D10_MR
36604	ZM_036_A2_D11		ZM_036_A2_D11_MR
36605	ZM_036_A2_D12		ZM_036_A2_D12_MR
36606	ZM_036_A2_E01		ZM_036_A2_E01_MR
36607	ZM_036_A2_E02		ZM_036_A2_E02_MR
36608	ZM_036_A2_E03		ZM_036_A2_E03_MR
36609	ZM_036_A2_E04	ZM_036_A2_E04_T7C	
36610	ZM_036_A2_E04		ZM_036_A2_E04_MR
36611	ZM_036_A2_E05		ZM_036_A2_E05_MR
36612	ZM_036_A2_E07	ZM_036_A2_E07_T7C	
36613	ZM_036_A2_E07		ZM_036_A2_E07_MR
36614	ZM_036_A2_E08		ZM_036_A2_E08_MR
36615	ZM_036_A2_E09		ZM_036_A2_E09_MR
36616	ZM_036_A2_E10	ZM_036_A2_E10_T7C	
36617	ZM_036_A2_E10		ZM_036_A2_E10_MR
36618	ZM_036_A2_E12		ZM_036_A2_E12_MR
36619	ZM_036_A2_F01		ZM_036_A2_F01_MR
36620	ZM_036_A2_F03	ZM_036_A2_F03_T7C	
36621	ZM_036_A2_F03		ZM_036_A2_F03_MR
36622	ZM_036_A2_F04		ZM_036_A2_F04_MR
36623	ZM_036_A2_F06	ZM_036_A2_F06_T7C	
36624	ZM_036_A2_F07		ZM_036_A2_F07_MR
36625	ZM_036_A2_F08		ZM_036_A2_F08_MR
36626	ZM_036_A2_F09	ZM_036_A2_F09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36627	ZM_036_A2_F09		ZM_036_A2_F09_MR
36628	ZM_036_A2_F10		ZM_036_A2_F10_MR
36629	ZM_036_A2_F11	ZM_036_A2_F11_T7C	
36630	ZM_036_A2_F11		ZM_036_A2_F11_MR
36631	ZM_036_A2_F12		ZM_036_A2_F12_MR
36632	ZM_036_A2_G01		ZM_036_A2_G01_MR
36633	ZM_036_A2_G02		ZM_036_A2_G02_MR
36634	ZM_036_A2_G03		ZM_036_A2_G03_MR
36635	ZM_036_A2_G04		ZM_036_A2_G04_MR
36636	ZM_036_A2_G05		ZM_036_A2_G05_MR
36637	ZM_036_A2_G06		ZM_036_A2_G06_MR
36638	ZM_036_A2_G07	ZM_036_A2_G07_T7C	
36639	ZM_036_A2_G07		ZM_036_A2_G07_MR
36640	ZM_036_A2_G08		ZM_036_A2_G08_MR
36641	ZM_036_A2_G10	ZM_036_A2_G10_T7C	
36642	ZM_036_A2_G10		ZM_036_A2_G10_MR
36643	ZM_036_A2_G11		ZM_036_A2_G11_MR
36644	ZM_036_A2_H01		ZM_036_A2_H01_MR
36645	ZM_036_A2_H03	ZM_036_A2_H03_T7C	
36646	ZM_036_A2_H03		ZM_036_A2_H03_MR
36647	ZM_036_A2_H04		ZM_036_A2_H04_MR
36648	ZM_036_A2_H05		ZM_036_A2_H05_MR
36649	ZM_036_A2_H07		ZM_036_A2_H07_MR
36650	ZM_036_A2_H08	ZM_036_A2_H08_T7C	
36651	ZM_036_A2_H09		ZM_036_A2_H09_MR
36652	ZM_036_A2_H10		ZM_036_A2_H10_MR
36653	ZM_036_A2_H11		ZM_036_A2_H11_MR
36654	ZM_036_A2_H12	ZM_036_A2_H12_T7C	
36655	ZM_036_B1_A01		ZM_036_B1_A01_MR
36656	ZM_036_B1_A02	ZM_036_B1_A02_T7C	
36657	ZM_036_B1_A02		ZM_036_B1_A02_MR
36658	ZM_036_B1_A03		ZM_036_B1_A03_MR
36659	ZM_036_B1_A04	ZM_036_B1_A04_T7C	
36660	ZM_036_B1_A04		ZM_036_B1_A04_MR
36661	ZM_036_B1_A05	ZM_036_B1_A05_T7C	
36662	ZM_036_B1_A05		ZM_036_B1_A05_MR
36663	ZM_036_B1_A06		ZM_036_B1_A06_MR
36664	ZM_036_B1_A07	ZM_036_B1_A07_T7C	
36665	ZM_036_B1_A07		ZM_036_B1_A07_MR
36666	ZM_036_B1_A08		ZM_036_B1_A08_MR
36667	ZM_036_B1_A09	ZM_036_B1_A09_T7C	
36668	ZM_036_B1_A09		ZM_036_B1_A09_MR
36669	ZM_036_B1_A10		ZM_036_B1_A10_MR
36670	ZM_036_B1_A11		ZM_036_B1_A11_MR
36671	ZM_036_B1_A12		ZM_036_B1_A12_MR
36672	ZM_036_B1_B01	ZM_036_B1_B01_T7C	
36673	ZM_036_B1_B01		ZM_036_B1_B01_MR
36674	ZM_036_B1_B02	ZM_036_B1_B02_T7C	
36675	ZM_036_B1_B03	ZM_036_B1_B03_T7C	
36676	ZM_036_B1_B04		ZM_036_B1_B04_MR
36677	ZM_036_B1_B05		ZM_036_B1_B05_MR
36678	ZM_036_B1_B06		ZM_036_B1_B06_MR
36679	ZM_036_B1_B07	ZM_036_B1_B07_T7C	
36680	ZM_036_B1_B07		ZM_036_B1_B07_MR
36681	ZM_036_B1_B08	ZM_036_B1_B08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36682	ZM_036_B1_B08		ZM_036_B1_B08_MR
36683	ZM_036_B1_B09		ZM_036_B1_B09_MR
36684	ZM_036_B1_B10	ZM_036_B1_B10_T7C	
36685	ZM_036_B1_B10		ZM_036_B1_B10_MR
36686	ZM_036_B1_B11	ZM_036_B1_B11_T7C	
36687	ZM_036_B1_B11		ZM_036_B1_B11_MR
36688	ZM_036_B1_B12	ZM_036_B1_B12_T7C	
36689	ZM_036_B1_B12		ZM_036_B1_B12_MR
36690	ZM_036_B1_C01	ZM_036_B1_C01_T7C	
36691	ZM_036_B1_C01		ZM_036_B1_C01_MR
36692	ZM_036_B1_C02	ZM_036_B1_C02_T7C	
36693	ZM_036_B1_C02		ZM_036_B1_C02_MR
36694	ZM_036_B1_C03	ZM_036_B1_C03_T7C	
36695	ZM_036_B1_C03		ZM_036_B1_C03_MR
36696	ZM_036_B1_C04	ZM_036_B1_C04_T7C	
36697	ZM_036_B1_C04		ZM_036_B1_C04_MR
36698	ZM_036_B1_C05		ZM_036_B1_C05_MR
36699	ZM_036_B1_C06	ZM_036_B1_C06_T7C	
36700	ZM_036_B1_C06		ZM_036_B1_C06_MR
36701	ZM_036_B1_C07	ZM_036_B1_C07_T7C	
36702	ZM_036_B1_C07		ZM_036_B1_C07_MR
36703	ZM_036_B1_C08	ZM_036_B1_C08_T7C	
36704	ZM_036_B1_C08		ZM_036_B1_C08_MR
36705	ZM_036_B1_C09	ZM_036_B1_C09_T7C	
36706	ZM_036_B1_C09		ZM_036_B1_C09_MR
36707	ZM_036_B1_C10	ZM_036_B1_C10_T7C	
36708	ZM_036_B1_C10		ZM_036_B1_C10_MR
36709	ZM_036_B1_C11	ZM_036_B1_C11_T7C	
36710	ZM_036_B1_C11		ZM_036_B1_C11_MR
36711	ZM_036_B1_C12	ZM_036_B1_C12_T7C	
36712	ZM_036_B1_D01	ZM_036_B1_D01_T7C	
36713	ZM_036_B1_D01		ZM_036_B1_D01_MR
36714	ZM_036_B1_D03		ZM_036_B1_D03_MR
36715	ZM_036_B1_D04	ZM_036_B1_D04_T7C	
36716	ZM_036_B1_D05	ZM_036_B1_D05_T7C	
36717	ZM_036_B1_D05		ZM_036_B1_D05_MR
36718	ZM_036_B1_D06	ZM_036_B1_D06_T7C	
36719	ZM_036_B1_D06		ZM_036_B1_D06_MR
36720	ZM_036_B1_D07	ZM_036_B1_D07_T7C	
36721	ZM_036_B1_D07		ZM_036_B1_D07_MR
36722	ZM_036_B1_D08	ZM_036_B1_D08_T7C	
36723	ZM_036_B1_D08		ZM_036_B1_D08_MR
36724	ZM_036_B1_D09	ZM_036_B1_D09_T7C	
36725	ZM_036_B1_D09		ZM_036_B1_D09_MR
36726	ZM_036_B1_E01	ZM_036_B1_E01_T7C	
36727	ZM_036_B1_E01		ZM_036_B1_E01_MR
36728	ZM_036_B1_E02	ZM_036_B1_E02_T7C	
36729	ZM_036_B1_E02		ZM_036_B1_E02_MR
36730	ZM_036_B1_E03	ZM_036_B1_E03_T7C	
36731	ZM_036_B1_E03		ZM_036_B1_E03_MR
36732	ZM_036_B1_E04	ZM_036_B1_E04_T7C	
36733	ZM_036_B1_E04		ZM_036_B1_E04_MR
36734	ZM_036_B1_E06	ZM_036_B1_E06_T7C	
36735	ZM_036_B1_E06		ZM_036_B1_E06_MR
36736	ZM_036_B1_E07	ZM_036_B1_E07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36737	ZM_036_B1_E07		ZM_036_B1_E07_MR
36738	ZM_036_B1_E08	ZM_036_B1_E08_T7C	
36739	ZM_036_B1_E10	ZM_036_B1_E10_T7C	
36740	ZM_036_B1_E10		ZM_036_B1_E10_MR
36741	ZM_036_B1_E11	ZM_036_B1_E11_T7C	
36742	ZM_036_B1_E11		ZM_036_B1_E11_MR
36743	ZM_036_B1_E12	ZM_036_B1_E12_T7C	
36744	ZM_036_B1_E12		ZM_036_B1_E12_MR
36745	ZM_036_B1_F01	ZM_036_B1_F01_T7C	
36746	ZM_036_B1_F01		ZM_036_B1_F01_MR
36747	ZM_036_B1_F02	ZM_036_B1_F02_T7C	
36748	ZM_036_B1_F02		ZM_036_B1_F02_MR
36749	ZM_036_B1_F03	ZM_036_B1_F03_T7C	
36750	ZM_036_B1_F03		ZM_036_B1_F03_MR
36751	ZM_036_B1_F04	ZM_036_B1_F04_T7C	
36752	ZM_036_B1_F04		ZM_036_B1_F04_MR
36753	ZM_036_B1_F05	ZM_036_B1_F05_T7C	
36754	ZM_036_B1_F05		ZM_036_B1_F05_MR
36755	ZM_036_B1_F07	ZM_036_B1_F07_T7C	
36756	ZM_036_B1_F07		ZM_036_B1_F07_MR
36757	ZM_036_B1_F08	ZM_036_B1_F08_T7C	
36758	ZM_036_B1_F08		ZM_036_B1_F08_MR
36759	ZM_036_B1_F09	ZM_036_B1_F09_T7C	
36760	ZM_036_B1_F09		ZM_036_B1_F09_MR
36761	ZM_036_B1_F11	ZM_036_B1_F11_T7C	
36762	ZM_036_B1_F11		ZM_036_B1_F11_MR
36763	ZM_036_B1_F12		ZM_036_B1_F12_MR
36764	ZM_036_B1_G01	ZM_036_B1_G01_T7C	
36765	ZM_036_B1_G01		ZM_036_B1_G01_MR
36766	ZM_036_B1_G02		ZM_036_B1_G02_MR
36767	ZM_036_B1_G03	ZM_036_B1_G03_T7C	
36768	ZM_036_B1_G03		ZM_036_B1_G03_MR
36769	ZM_036_B1_G04		ZM_036_B1_G04_MR
36770	ZM_036_B1_G05	ZM_036_B1_G05_T7C	
36771	ZM_036_B1_G05		ZM_036_B1_G05_MR
36772	ZM_036_B1_G06	ZM_036_B1_G06_T7C	
36773	ZM_036_B1_G06		ZM_036_B1_G06_MR
36774	ZM_036_B1_G07	ZM_036_B1_G07_T7C	
36775	ZM_036_B1_G07		ZM_036_B1_G07_MR
36776	ZM_036_B1_G08	ZM_036_B1_G08_T7C	
36777	ZM_036_B1_G08		ZM_036_B1_G08_MR
36778	ZM_036_B1_G09		ZM_036_B1_G09_MR
36779	ZM_036_B1_G10		ZM_036_B1_G10_MR
36780	ZM_036_B1_G11		ZM_036_B1_G11_MR
36781	ZM_036_B1_G12	ZM_036_B1_G12_T7C	
36782	ZM_036_B1_G12		ZM_036_B1_G12_MR
36783	ZM_036_B1_H01	ZM_036_B1_H01_T7C	
36784	ZM_036_B1_H01		ZM_036_B1_H01_MR
36785	ZM_036_B1_H02		ZM_036_B1_H02_MR
36786	ZM_036_B1_H03	ZM_036_B1_H03_T7C	
36787	ZM_036_B1_H03		ZM_036_B1_H03_MR
36788	ZM_036_B1_H04	ZM_036_B1_H04_T7C	
36789	ZM_036_B1_H04		ZM_036_B1_H04_MR
36790	ZM_036_B1_H05	ZM_036_B1_H05_T7C	
36791	ZM_036_B1_H05		ZM_036_B1_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36792	ZM_036_B1_H06		ZM_036_B1_H06_MR
36793	ZM_036_B1_H07	ZM_036_B1_H07_T7C	
36794	ZM_036_B1_H07		ZM_036_B1_H07_MR
36795	ZM_036_B1_H08	ZM_036_B1_H08_T7C	
36796	ZM_036_B1_H08		ZM_036_B1_H08_MR
36797	ZM_036_B1_H09	ZM_036_B1_H09_T7C	
36798	ZM_036_B1_H09		ZM_036_B1_H09_MR
36799	ZM_036_B1_H10		ZM_036_B1_H10_MR
36800	ZM_036_B2_A01	ZM_036_B2_A01_T7C	
36801	ZM_036_B2_A01		ZM_036_B2_A01_MR
36802	ZM_036_B2_A02		ZM_036_B2_A02_MR
36803	ZM_036_B2_A03		ZM_036_B2_A03_MR
36804	ZM_036_B2_A05	ZM_036_B2_A05_T7C	
36805	ZM_036_B2_A05		ZM_036_B2_A05_MR
36806	ZM_036_B2_A06	ZM_036_B2_A06_T7C	
36807	ZM_036_B2_A06		ZM_036_B2_A06_MR
36808	ZM_036_B2_A08		ZM_036_B2_A08_MR
36809	ZM_036_B2_A09	ZM_036_B2_A09_T7C	
36810	ZM_036_B2_A09		ZM_036_B2_A09_MR
36811	ZM_036_B2_A10	ZM_036_B2_A10_T7C	
36812	ZM_036_B2_A10		ZM_036_B2_A10_MR
36813	ZM_036_B2_A11		ZM_036_B2_A11_MR
36814	ZM_036_B2_A12	ZM_036_B2_A12_T7C	
36815	ZM_036_B2_A12		ZM_036_B2_A12_MR
36816	ZM_036_B2_B01	ZM_036_B2_B01_T7C	
36817	ZM_036_B2_B01		ZM_036_B2_B01_MR
36818	ZM_036_B2_B02	ZM_036_B2_B02_T7C	
36819	ZM_036_B2_B02		ZM_036_B2_B02_MR
36820	ZM_036_B2_B03	ZM_036_B2_B03_T7C	
36821	ZM_036_B2_B03		ZM_036_B2_B03_MR
36822	ZM_036_B2_B04	ZM_036_B2_B04_T7C	
36823	ZM_036_B2_B04		ZM_036_B2_B04_MR
36824	ZM_036_B2_B05	ZM_036_B2_B05_T7C	
36825	ZM_036_B2_B05		ZM_036_B2_B05_MR
36826	ZM_036_B2_B06		ZM_036_B2_B06_MR
36827	ZM_036_B2_B07	ZM_036_B2_B07_T7C	
36828	ZM_036_B2_B07		ZM_036_B2_B07_MR
36829	ZM_036_B2_B08		ZM_036_B2_B08_MR
36830	ZM_036_B2_B09	ZM_036_B2_B09_T7C	
36831	ZM_036_B2_B09		ZM_036_B2_B09_MR
36832	ZM_036_B2_B10		ZM_036_B2_B10_MR
36833	ZM_036_B2_B11	ZM_036_B2_B11_T7C	
36834	ZM_036_B2_B11		ZM_036_B2_B11_MR
36835	ZM_036_B2_B12	ZM_036_B2_B12_T7C	
36836	ZM_036_B2_B12		ZM_036_B2_B12_MR
36837	ZM_036_B2_C01	ZM_036_B2_C01_T7C	
36838	ZM_036_B2_C01		ZM_036_B2_C01_MR
36839	ZM_036_B2_C02	ZM_036_B2_C02_T7C	
36840	ZM_036_B2_C02		ZM_036_B2_C02_MR
36841	ZM_036_B2_C03		ZM_036_B2_C03_MR
36842	ZM_036_B2_C04	ZM_036_B2_C04_T7C	
36843	ZM_036_B2_C04		ZM_036_B2_C04_MR
36844	ZM_036_B2_C05	ZM_036_B2_C05_T7C	
36845	ZM_036_B2_C05		ZM_036_B2_C05_MR
36846	ZM_036_B2_C06	ZM_036_B2_C06_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36847	ZM_036_B2_C06		ZM_036_B2_C06_MR
36848	ZM_036_B2_C07	ZM_036_B2_C07_T7C	
36849	ZM_036_B2_C08	ZM_036_B2_C08_T7C	
36850	ZM_036_B2_C08		ZM_036_B2_C08_MR
36851	ZM_036_B2_C09	ZM_036_B2_C09_T7C	
36852	ZM_036_B2_C09		ZM_036_B2_C09_MR
36853	ZM_036_B2_C10	ZM_036_B2_C10_T7C	
36854	ZM_036_B2_C10		ZM_036_B2_C10_MR
36855	ZM_036_B2_C11	ZM_036_B2_C11_T7C	
36856	ZM_036_B2_C11		ZM_036_B2_C11_MR
36857	ZM_036_B2_C12	ZM_036_B2_C12_T7C	
36858	ZM_036_B2_C12		ZM_036_B2_C12_MR
36859	ZM_036_B2_D01	ZM_036_B2_D01_T7C	
36860	ZM_036_B2_D01		ZM_036_B2_D01_MR
36861	ZM_036_B2_D02		ZM_036_B2_D02_MR
36862	ZM_036_B2_D03	ZM_036_B2_D03_T7C	
36863	ZM_036_B2_D03		ZM_036_B2_D03_MR
36864	ZM_036_B2_D04	ZM_036_B2_D04_T7C	
36865	ZM_036_B2_D04		ZM_036_B2_D04_MR
36866	ZM_036_B2_D05	ZM_036_B2_D05_T7C	
36867	ZM_036_B2_D05		ZM_036_B2_D05_MR
36868	ZM_036_B2_D06	ZM_036_B2_D06_T7C	
36869	ZM_036_B2_D06		ZM_036_B2_D06_MR
36870	ZM_036_B2_D07	ZM_036_B2_D07_T7C	
36871	ZM_036_B2_D07		ZM_036_B2_D07_MR
36872	ZM_036_B2_D08	ZM_036_B2_D08_T7C	
36873	ZM_036_B2_D08		ZM_036_B2_D08_MR
	ZM_036_B2_D09	ZM_036_B2_D09_T7C	
36875	ZM_036_B2_D09		ZM_036_B2_D09_MR
36876	ZM_036_B2_D10	ZM_036_B2_D10_T7C	
36877	ZM_036_B2_D10		ZM_036_B2_D10_MR
36878	ZM_036_B2_D11	ZM_036_B2_D11_T7C	
36879	ZM_036_B2_D11		ZM_036_B2_D11_MR
36880	ZM_036_B2_D12	ZM_036_B2_D12_T7C	
36881	ZM_036_B2_D12		ZM_036_B2_D12_MR
36882	ZM_036_B2_E01	ZM_036_B2_E01_T7C	
36883	ZM_036_B2_E01		ZM_036_B2_E01_MR
36884	ZM_036_B2_E02	ZM_036_B2_E02_T7C	
36885	ZM_036_B2_E02		ZM_036_B2_E02_MR
36886	ZM_036_B2_E03	ZM_036_B2_E03_T7C	
36887	ZM_036_B2_E03		ZM_036_B2_E03_MR
36888	ZM_036_B2_E04	ZM_036_B2_E04_T7C	
36889	ZM_036_B2_E04		ZM_036_B2_E04_MR
36890	ZM_036_B2_E06	ZM_036_B2_E06_T7C	
36891	ZM_036_B2_E06		ZM_036_B2_E06_MR
36892	ZM_036_B2_E07	ZM_036_B2_E07_T7C	
36893	ZM_036_B2_E07		ZM_036_B2_E07_MR
36894	ZM_036_B2_E08	ZM_036_B2_E08_T7C	
36895	ZM_036_B2_E08		ZM_036_B2_E08_MR
36896	ZM_036_B2_E09	ZM_036_B2_E09_T7C	
36897	ZM_036_B2_E09		ZM_036_B2_E09_MR
36898	ZM_036_B2_E10	ZM_036_B2_E10_T7C	
36899	ZM_036_B2_E10		ZM_036_B2_E10_MR
36900	ZM_036_B2_E11	ZM_036_B2_E11_T7C	
36901	ZM_036_B2_E11		ZM_036_B2_E11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36902	ZM_036_B2_E12	ZM_036_B2_E12_T7C	
36903	ZM_036_B2_E12		ZM_036_B2_E12_MR
36904	ZM_036_B2_F02	ZM_036_B2_F02_T7C	
36905	ZM_036_B2_F02		ZM_036_B2_F02_MR
36906	ZM_036_B2_F03	ZM_036_B2_F03_T7C	
36907	ZM_036_B2_F03		ZM_036_B2_F03_MR
36908	ZM_036_B2_F04	ZM_036_B2_F04_T7C	
36909	ZM_036_B2_F04		ZM_036_B2_F04_MR
36910	ZM_036_B2_F05	ZM_036_B2_F05_T7C	
36911	ZM_036_B2_F05		ZM_036_B2_F05_MR
36912	ZM_036_B2_F06		ZM_036_B2_F06_MR
36913	ZM_036_B2_F07	ZM_036_B2_F07_T7C	
36914	ZM_036_B2_F07		ZM_036_B2_F07_MR
36915	ZM_036_B2_F08	ZM_036_B2_F08_T7C	
36916	ZM_036_B2_F08		ZM_036_B2_F08_MR
36917	ZM_036_B2_F09	ZM_036_B2_F09_T7C	
36918	ZM_036_B2_F09		ZM_036_B2_F09_MR
36919	ZM_036_B2_F10	ZM_036_B2_F10_T7C	
36920	ZM_036_B2_F10		ZM_036_B2_F10_MR
36921	ZM_036_B2_F11	ZM_036_B2_F11_T7C	
36922	ZM_036_B2_F11		ZM_036_B2_F11_MR
36923	ZM_036_B2_F12	ZM_036_B2_F12_T7C	
36924	ZM_036_B2_F12		ZM_036_B2_F12_MR
36925	ZM_036_B2_G01	ZM_036_B2_G01_T7C	
36926	ZM_036_B2_G01		ZM_036_B2_G01_MR
36927	ZM_036_B2_G02	ZM_036_B2_G02_T7C	
36928	ZM_036_B2_G03	ZM_036_B2_G03_T7C	
36929	ZM_036_B2_G03		ZM_036_B2_G03_MR
36930	ZM_036_B2_G04	ZM_036_B2_G04_T7C	
36931	ZM_036_B2_G04		ZM_036_B2_G04_MR
36932	ZM_036_B2_G05		ZM_036_B2_G05_MR
36933	ZM_036_B2_G06	ZM_036_B2_G06_T7C	
36934	ZM_036_B2_G06		ZM_036_B2_G06_MR
36935	ZM_036_B2_G07	ZM_036_B2_G07_T7C	
36936	ZM_036_B2_G07		ZM_036_B2_G07_MR
36937	ZM_036_B2_G08		ZM_036_B2_G08_MR
36938	ZM_036_B2_G09	ZM_036_B2_G09_T7C	
36939	ZM_036_B2_G09		ZM_036_B2_G09_MR
36940	ZM_036_B2_G10	ZM_036_B2_G10_T7C	
36941	ZM_036_B2_G10		ZM_036_B2_G10_MR
36942	ZM_036_B2_G11	ZM_036_B2_G11_T7C	
36943	ZM_036_B2_G11		ZM_036_B2_G11_MR
36944	ZM_036_B2_G12	ZM_036_B2_G12_T7C	
36945	ZM_036_B2_G12		ZM_036_B2_G12_MR
36946	ZM_036_B2_H01	ZM_036_B2_H01_T7C	
36947	ZM_036_B2_H01		ZM_036_B2_H01_MR
36948	ZM_036_B2_H02	ZM_036_B2_H02_T7C	
36949	ZM_036_B2_H02		ZM_036_B2_H02_MR
36950	ZM_036_B2_H03	ZM_036_B2_H03_T7C	
36951	ZM_036_B2_H03		ZM_036_B2_H03_MR
36952	ZM_036_B2_H04	ZM_036_B2_H04_T7C	
36953	ZM_036_B2_H04		ZM_036_B2_H04_MR
36954	ZM_036_B2_H05	ZM_036_B2_H05_T7C	
36955	ZM_036_B2_H05		ZM_036_B2_H05_MR
36956	ZM_036_B2_H06	ZM_036_B2_H06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
36957	ZM_036_B2_H06		ZM_036_B2_H06_MR
36958	ZM_036_B2_H07	ZM_036_B2_H07_T7C	
36959	ZM_036_B2_H07		ZM_036_B2_H07_MR
36960	ZM_036_B2_H08	ZM_036_B2_H08_T7C	
36961	ZM_036_B2_H08		ZM_036_B2_H08_MR
36962	ZM_036_B2_H09	ZM_036_B2_H09_T7C	
36963	ZM_036_B2_H09		ZM_036_B2_H09_MR
36964	ZM_036_B2_H10	ZM_036_B2_H10_T7C	
36965	ZM_036_B2_H10		ZM_036_B2_H10_MR
36966	ZM_036_B2_H11	ZM_036_B2_H11_T7C	
36967	ZM_036_B2_H11		ZM_036_B2_H11_MR
36968	ZM_036_B2_H12	ZM_036_B2_H12_T7C	
36969	ZM_036_B2_H12		ZM_036_B2_H12_MR
36970	ZM_037_A2_A02	ZM_037_A2_A02_T7C	
36971	ZM_037_A2_A03	ZM_037_A2_A03_T7C	
36972	ZM_037_A2_A03		ZM_037_A2_A03_MR
36973	ZM_037_A2_A04		ZM_037_A2_A04_MR
36974	ZM_037_A2_A05	ZM_037_A2_A05_T7C	
36975	ZM_037_A2_A10	ZM_037_A2_A10_T7C	
36976	ZM_037_A2_A12	ZM_037_A2_A12_T7C	
36977	ZM_037_A2_B01	ZM_037_A2_B01_T7C	
36978	ZM_037_A2_B01		ZM_037_A2_B01_MR
36979	ZM_037_A2_B02	ZM_037_A2_B02_T7C	
36980	ZM_037_A2_B03		ZM_037_A2_B03_MR
36981	ZM_037_A2_B04	ZM_037_A2_B04_T7C	
36982	ZM_037_A2_B04		ZM_037_A2_B04_MR
36983	ZM_037_A2_B07	ZM_037_A2_B07_T7C	
36984	ZM_037_A2_B07		ZM_037_A2_B07_MR
36985	ZM_037_A2_B11	ZM_037_A2_B11_T7C	
36986	ZM_037_A2_B11		ZM_037_A2_B11_MR
36987	ZM_037_A2_B12	ZM_037_A2_B12_T7C	
36988	ZM_037_A2_C04		ZM_037_A2_C04_MR
36989	ZM_037_A2_C11		ZM_037_A2_C11_MR
36990	ZM_037_A2_C12		ZM_037_A2_C12_MR
36991	ZM_037_A2_D04	ZM_037_A2_D04_T7C	
36992	ZM_037_A2_D07		ZM_037_A2_D07_MR
36993	ZM_037_A2_D11	ZM_037_A2_D11_T7C	
36994	ZM_037_A2_D11		ZM_037_A2_D11_MR
36995	ZM_037_A2_E02	ZM_037_A2_E02_T7C	
36996	ZM_037_A2_E02		ZM_037_A2_E02_MR
36997	ZM_037_A2_E03	ZM_037_A2_E03_T7C	
36998	ZM_037_A2_E05		ZM_037_A2_E05_MR
36999	ZM_037_A2_E11	ZM_037_A2_E11_T7C	
37000	ZM_037_A2_E11		ZM_037_A2_E11_MR
37001	ZM_037_A2_E12		ZM_037_A2_E12_MR
37002	ZM_037_A2_F01	ZM_037_A2_F01_T7C	
37003	ZM_037_A2_F01		ZM_037_A2_F01_MR
37004	ZM_037_A2_F02	ZM_037_A2_F02_T7C	
37005	ZM_037_A2_F04		ZM_037_A2_F04_MR
37006	ZM_037_A2_F06	ZM_037_A2_F06_T7C	
37007	ZM_037_A2_F07	ZM_037_A2_F07_T7C	
37008	ZM_037_A2_F07		ZM_037_A2_F07_MR
37009	ZM_037_A2_F08		ZM_037_A2_F08_MR
37010	ZM_037_A2_F09	ZM_037_A2_F09_T7C	
37011	ZM_037_A2_F12		ZM_037_A2_F12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37012	ZM_037_A2_G01	ZM_037_A2_G01_T7C	
37013	ZM_037_A2_G01		ZM_037_A2_G01_MR
37014	ZM_037_A2_G03		ZM_037_A2_G03_MR
37015	ZM_037_A2_G04	ZM_037_A2_G04_T7C	
37016	ZM_037_A2_G07		ZM_037_A2_G07_MR
37017	ZM_037_A2_G09		ZM_037_A2_G09_MR
37018	ZM_037_A2_G12	ZM_037_A2_G12_T7C	
37019	ZM_037_A2_G12		ZM_037_A2_G12_MR
37020	ZM_037_A2_H01	ZM_037_A2_H01_T7C	
37021	ZM_037_A2_H11	ZM_037_A2_H11_T7C	
37022	ZM_037_A2_H12		ZM_037_A2_H12_MR
37023	ZM_037_B1_A01	ZM_037_B1_A01_T7C	
37024	ZM_037_B1_A02	ZM_037_B1_A02_T7C	
37025	ZM_037_B1_A03	ZM_037_B1_A03_T7C	
37026	ZM_037_B1_A04	ZM_037_B1_A04_T7C	
37027	ZM_037_B1_A05	ZM_037_B1_A05_T7C	
37028	ZM_037_B1_A06	ZM_037_B1_A06_T7C	
37029	ZM_037_B1_A07	ZM_037_B1_A07_T7C	
37030	ZM_037_B1_A08	ZM_037_B1_A08_T7C	
37031	ZM_037_B1_A09	ZM_037_B1_A09_T7C	
37032	ZM_037_B1_A10	ZM_037_B1_A10_T7C	
37033	ZM_037_B1_A11	ZM_037_B1_A11_T7C	
37034	ZM_037_B1_A12	ZM_037_B1_A12_T7C	
37035	ZM_037_B1_B02	ZM_037_B1_B02_T7C	
37036	ZM_037_B1_B03	ZM_037_B1_B03_T7C	
37037	ZM_037_B1_B04	ZM_037_B1_B04_T7C	
37038	ZM_037_B1_B05	ZM_037_B1_B05_T7C	
37039	ZM_037_B1_B06	ZM_037_B1_B06_T7C	
37040	ZM_037_B1_B07	ZM_037_B1_B07_T7C	
37041	ZM_037_B1_B08	ZM_037_B1_B08_T7C	
37042	ZM_037_B1_B09	ZM_037_B1_B09_T7C	
37043	ZM_037_B1_B10	ZM_037_B1_B10_T7C	
37044	ZM_037_B1_B11	ZM_037_B1_B11_T7C	
37045	ZM_037_B1_B12	ZM_037_B1_B12_T7C	
37046	ZM_037_B1_C01	ZM_037_B1_C01_T7C	
37047	ZM_037_B1_C02	ZM_037_B1_C02_T7C	
37048	ZM_037_B1_C03	ZM_037_B1_C03_T7C	
37049	ZM_037_B1_C04	ZM_037_B1_C04_T7C	
37050	ZM_037_B1_C05	ZM_037_B1_C05_T7C	
37051	ZM_037_B1_C06	ZM_037_B1_C06_T7C	
37052	ZM_037_B1_C07	ZM_037_B1_C07_T7C	
37053	ZM_037_B1_C08	ZM_037_B1_C08_T7C	
37054	ZM_037_B1_C09	ZM_037_B1_C09_T7C	
37055	ZM_037_B1_C10	ZM_037_B1_C10_T7C	
37056	ZM_037_B1_C11	ZM_037_B1_C11_T7C	
37057	ZM_037_B1_C12	ZM_037_B1_C12_T7C	
37058	ZM_037_B1_D02	ZM_037_B1_D02_T7C	
37059	ZM_037_B1_D03	ZM_037_B1_D03_T7C	
37060	ZM_037_B1_D04	ZM_037_B1_D04_T7C	
37061	ZM_037_B1_D05	ZM_037_B1_D05_T7C	
37062	ZM_037_B1_D06	ZM_037_B1_D06_T7C	
37063	ZM_037_B1_D07	ZM_037_B1_D07_T7C	
37064	ZM_037_B1_D08	ZM_037_B1_D08_T7C	
37065	ZM_037_B1_D09	ZM_037_B1_D09_T7C	
37066	ZM_037_B1_D10	ZM_037_B1_D10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37067	ZM_037_B1_D11	ZM_037_B1_D11_T7C	
37068	ZM_037_B1_D12	ZM_037_B1_D12_T7C	
37069	ZM_037_B1_E01	ZM_037_B1_E01_T7C	
37070	ZM_037_B1_E02	ZM_037_B1_E02_T7C	
37071	ZM_037_B1_E03	ZM_037_B1_E03_T7C	
37072	ZM_037_B1_E04	ZM_037_B1_E04_T7C	
37073	ZM_037_B1_E05	ZM_037_B1_E05_T7C	
37074	ZM_037_B1_E06	ZM_037_B1_E06_T7C	
37075	ZM_037_B1_E07	ZM_037_B1_E07_T7C	
37076	ZM_037_B1_E08	ZM_037_B1_E08_T7C	
37077	ZM_037_B1_E09	ZM_037_B1_E09_T7C	
37078	ZM_037_B1_E10	ZM_037_B1_E10_T7C	
37079	ZM_037_B1_E11	ZM_037_B1_E11_T7C	
37080	ZM_037_B1_E12	ZM_037_B1_E12_T7C	
37081	ZM_037_B1_F01	ZM_037_B1_F01_T7C	
37082	ZM_037_B1_F02	ZM_037_B1_F02_T7C	
37083	ZM_037_B1_F03	ZM_037_B1_F03_T7C	
37084	ZM_037_B1_F04	ZM_037_B1_F04_T7C	
37085	ZM_037_B1_F05	ZM_037_B1_F05_T7C	
37086	ZM_037_B1_F06	ZM_037_B1_F06_T7C	
37087	ZM_037_B1_F07	ZM_037_B1_F07_T7C	
37088	ZM_037_B1_F08	ZM_037_B1_F08_T7C	
37089	ZM_037_B1_F09	ZM_037_B1_F09_T7C	
37090	ZM_037_B1_F10	ZM_037_B1_F10_T7C	
37091	ZM_037_B1_F11	ZM_037_B1_F11_T7C	
37092	ZM_037_B1_F12	ZM_037_B1_F12_T7C	
37093	ZM_037_B1_G01	ZM_037_B1_G01_T7C	
37094	ZM_037_B1_G02	ZM_037_B1_G02_T7C	
37095	ZM_037_B1_G03	ZM_037_B1_G03_T7C	
37096	ZM_037_B1_G04	ZM_037_B1_G04_T7C	
37097	ZM_037_B1_G05	ZM_037_B1_G05_T7C	
37098	ZM_037_B1_G06	ZM_037_B1_G06_T7C	
37099	ZM_037_B1_G07	ZM_037_B1_G07_T7C	
37100	ZM_037_B1_G08	ZM_037_B1_G08_T7C	
37101	ZM_037_B1_G09	ZM_037_B1_G09_T7C	
37102	ZM_037_B1_G10	ZM_037_B1_G10_T7C	
37103	ZM_037_B1_G11	ZM_037_B1_G11_T7C	
37104	ZM_037_B1_G12	ZM_037_B1_G12_T7C	
37105	ZM_037_B1_H01	ZM_037_B1_H01_T7C	
37106	ZM_037_B1_H04	ZM_037_B1_H04_T7C	
37107	ZM_037_B1_H05	ZM_037_B1_H05_T7C	
37108	ZM_037_B1_H06	ZM_037_B1_H06_T7C	
37109	ZM_037_B1_H07	ZM_037_B1_H07_T7C	
37110	ZM_037_B1_H08	ZM_037_B1_H08_T7C	
37111	ZM_037_B1_H09	ZM_037_B1_H09_T7C	
37112	ZM_037_B1_H10	ZM_037_B1_H10_T7C	
37113	ZM_037_B1_H11	ZM_037_B1_H11_T7C	
37114	ZM_037_B1_H12	ZM_037_B1_H12_T7C	
37115	ZM_037_B2_A01	ZM_037_B2_A01_T7C	
37116	ZM_037_B2_A01		ZM_037_B2_A01_MR
37117	ZM_037_B2_A03	ZM_037_B2_A03_T7C	
37118	ZM_037_B2_A03		ZM_037_B2_A03_MR
37119	ZM_037_B2_A04	ZM_037_B2_A04_T7C	
37120	ZM_037_B2_A04		ZM_037_B2_A04_MR
37121	ZM_037_B2_A05		ZM_037_B2_A05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37122	ZM_037_B2_A06	ZM_037_B2_A06_T7C	
37123	ZM_037_B2_A07	ZM_037_B2_A07_T7C	
37124	ZM_037_B2_A07		ZM_037_B2_A07_MR
37125	ZM_037_B2_A08	ZM_037_B2_A08_T7C	
37126	ZM_037_B2_A08		ZM_037_B2_A08_MR
37127	ZM_037_B2_A10		ZM_037_B2_A10_MR
37128	ZM_037_B2_A11		ZM_037_B2_A11_MR
37129	ZM_037_B2_A12	ZM_037_B2_A12_T7C	
37130	ZM_037_B2_A12		ZM_037_B2_A12_MR
37131	ZM_037_B2_B01		ZM_037_B2_B01_MR
37132	ZM_037_B2_B02	ZM_037_B2_B02_T7C	
37133	ZM_037_B2_B02		ZM_037_B2_B02_MR
37134	ZM_037_B2_B03	ZM_037_B2_B03_T7C	
37135	ZM_037_B2_B04	ZM_037_B2_B04_T7C	
37136	ZM_037_B2_B04		ZM_037_B2_B04_MR
37137	ZM_037_B2_B05	ZM_037_B2_B05_T7C	
37138	ZM_037_B2_B05		ZM_037_B2_B05_MR
37139	ZM_037_B2_B07	ZM_037_B2_B07_T7C	
37140	ZM_037_B2_B07		ZM_037_B2_B07_MR
37141	ZM_037_B2_B08	ZM_037_B2_B08_T7C	
37142	ZM_037_B2_B08		ZM_037_B2_B08_MR
37143	ZM_037_B2_B09	ZM_037_B2_B09_T7C	
37144	ZM_037_B2_B10	ZM_037_B2_B10_T7C	
37145	ZM_037_B2_B10		ZM_037_B2_B10_MR
37146	ZM_037_B2_B11		ZM_037_B2_B11_MR
37147	ZM_037_B2_B12	ZM_037_B2_B12_T7C	
37148	ZM_037_B2_B12		ZM_037_B2_B12_MR
37149	ZM_037_B2_C01		ZM_037_B2_C01_MR
37150	ZM_037_B2_C02	ZM_037_B2_C02_T7C	
37151	ZM_037_B2_C02		ZM_037_B2_C02_MR
37152	ZM_037_B2_C03	ZM_037_B2_C03_T7C	
37153	ZM_037_B2_C03		ZM_037_B2_C03_MR
37154	ZM_037_B2_C04	ZM_037_B2_C04_T7C	
37155	ZM_037_B2_C04		ZM_037_B2_C04_MR
37156	ZM_037_B2_C05	ZM_037_B2_C05_T7C	
37157	ZM_037_B2_C05		ZM_037_B2_C05_MR
37158	ZM_037_B2_C06	ZM_037_B2_C06_T7C	
37159	ZM_037_B2_C07	ZM_037_B2_C07_T7C	
37160	ZM_037_B2_C07		ZM_037_B2_C07_MR
37161	ZM_037_B2_C08	ZM_037_B2_C08_T7C	
37162	ZM_037_B2_C08		ZM_037_B2_C08_MR
37163	ZM_037_B2_C09	ZM_037_B2_C09_T7C	
37164	ZM_037_B2_C09		ZM_037_B2_C09_MR
37165	ZM_037_B2_C10	ZM_037_B2_C10_T7C	
37166	ZM_037_B2_C10		ZM_037_B2_C10_MR
37167	ZM_037_B2_C11	ZM_037_B2_C11_T7C	
37168	ZM_037_B2_C12	ZM_037_B2_C12_T7C	
37169	ZM_037_B2_C12		ZM_037_B2_C12_MR
37170	ZM_037_B2_D01	ZM_037_B2_D01_T7C	
37171	ZM_037_B2_D01		ZM_037_B2_D01_MR
37172	ZM_037_B2_D02	ZM_037_B2_D02_T7C	
37173	ZM_037_B2_D02		ZM_037_B2_D02_MR
37174	ZM_037_B2_D03		ZM_037_B2_D03_MR
37175	ZM_037_B2_D05	ZM_037_B2_D05_T7C	
37176	ZM_037_B2_D05		ZM_037_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37177	ZM_037_B2_D06	ZM_037_B2_D06_T7C	
37178	ZM_037_B2_D06		ZM_037_B2_D06_MR
37179	ZM_037_B2_D07	ZM_037_B2_D07_T7C	
37180	ZM_037_B2_D07		ZM_037_B2_D07_MR
37181	ZM_037_B2_D08	ZM_037_B2_D08_T7C	
37182	ZM_037_B2_D08		ZM_037_B2_D08_MR
37183	ZM_037_B2_D09	ZM_037_B2_D09_T7C	
37184	ZM_037_B2_D09		ZM_037_B2_D09_MR
37185	ZM_037_B2_D10	ZM_037_B2_D10_T7C	
37186	ZM_037_B2_D10		ZM_037_B2_D10_MR
37187	ZM_037_B2_D11	ZM_037_B2_D11_T7C	
37188	ZM_037_B2_D11		ZM_037_B2_D11_MR
37189	ZM_037_B2_D12	ZM_037_B2_D12_T7C	
37190	ZM_037_B2_D12		ZM_037_B2_D12_MR
37191	ZM_037_B2_E01	ZM_037_B2_E01_T7C	
37192	ZM_037_B2_E01		ZM_037_B2_E01_MR
37193	ZM_037_B2_E02	ZM_037_B2_E02_T7C	
37194	ZM_037_B2_E02		ZM_037_B2_E02_MR
37195	ZM_037_B2_E03	ZM_037_B2_E03_T7C	
37196	ZM_037_B2_E04		ZM_037_B2_E04_MR
37197	ZM_037_B2_E05		ZM_037_B2_E05_MR
37198	ZM_037_B2_E08	ZM_037_B2_E08_T7C	
37199	ZM_037_B2_E08		ZM_037_B2_E08_MR
37200	ZM_037_B2_E09	ZM_037_B2_E09_T7C	
37201	ZM_037_B2_E09		ZM_037_B2_E09_MR
37202	ZM_037_B2_E10	ZM_037_B2_E10_T7C	
37203	ZM_037_B2_E10		ZM_037_B2_E10_MR
37204	ZM_037_B2_E11		ZM_037_B2_E11_MR
37205	ZM_037_B2_E12	ZM_037_B2_E12_T7C	
37206	ZM_037_B2_E12		ZM_037_B2_E12_MR
37207	ZM_037_B2_F01	ZM_037_B2_F01_T7C	
37208	ZM_037_B2_F02	ZM_037_B2_F02_T7C	
37209	ZM_037_B2_F02		ZM_037_B2_F02_MR
37210	ZM_037_B2_F03	ZM_037_B2_F03_T7C	
37211	ZM_037_B2_F03		ZM_037_B2_F03_MR
37212	ZM_037_B2_F04		ZM_037_B2_F04_MR
37213	ZM_037_B2_F05	ZM_037_B2_F05_T7C	
37214	ZM_037_B2_F05		ZM_037_B2_F05_MR
37215	ZM_037_B2_F06	ZM_037_B2_F06_T7C	
37216	ZM_037_B2_F06		ZM_037_B2_F06_MR
37217	ZM_037_B2_F07	ZM_037_B2_F07_T7C	
37218	ZM_037_B2_F07		ZM_037_B2_F07_MR
37219	ZM_037_B2_F08	ZM_037_B2_F08_T7C	
37220	ZM_037_B2_F08		ZM_037_B2_F08_MR
37221	ZM_037_B2_F09	ZM_037_B2_F09_T7C	
37222	ZM_037_B2_F10	ZM_037_B2_F10_T7C	
37223	ZM_037_B2_F10		ZM_037_B2_F10_MR
37224	ZM_037_B2_F11	ZM_037_B2_F11_T7C	
37225	ZM_037_B2_F12	ZM_037_B2_F12_T7C	
37226	ZM_037_B2_G02	ZM_037_B2_G02_T7C	
37227	ZM_037_B2_G02		ZM_037_B2_G02_MR
37228	ZM_037_B2_G03	ZM_037_B2_G03_T7C	
37229	ZM_037_B2_G03		ZM_037_B2_G03_MR
37230	ZM_037_B2_G04	ZM_037_B2_G04_T7C	
37231	ZM_037_B2_G04		ZM_037_B2_G04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37232	ZM_037_B2_G05	ZM_037_B2_G05_T7C	
37233	ZM_037_B2_G06	ZM_037_B2_G06_T7C	
37234	ZM_037_B2_G06		ZM_037_B2_G06_MR
37235	ZM_037_B2_G07	ZM_037_B2_G07_T7C	
37236	ZM_037_B2_G07		ZM_037_B2_G07_MR
37237	ZM_037_B2_G08	ZM_037_B2_G08_T7C	
37238	ZM_037_B2_G08		ZM_037_B2_G08_MR
37239	ZM_037_B2_G09	ZM_037_B2_G09_T7C	
37240	ZM_037_B2_G09		ZM_037_B2_G09_MR
37241	ZM_037_B2_G10	ZM_037_B2_G10_T7C	
37242	ZM_037_B2_G10		ZM_037_B2_G10_MR
37243	ZM_037_B2_G11	ZM_037_B2_G11_T7C	
37244	ZM_037_B2_G12		ZM_037_B2_G12_MR
37245	ZM_037_B2_H01	ZM_037_B2_H01_T7C	
37246	ZM_037_B2_H02	ZM_037_B2_H02_T7C	
37247	ZM_037_B2_H03		ZM_037_B2_H03_MR
37248	ZM_037_B2_H04		ZM_037_B2_H04_MR
37249	ZM_037_B2_H05	ZM_037_B2_H05_T7C	
37250	ZM_037_B2_H05		ZM_037_B2_H05_MR
37251	ZM_037_B2_H06	ZM_037_B2_H06_T7C	
37252	ZM_037_B2_H07	ZM_037_B2_H07_T7C	
37253	ZM_037_B2_H07		ZM_037_B2_H07_MR
37254	ZM_037_B2_H08	ZM_037_B2_H08_T7C	
37255	ZM_037_B2_H08		ZM_037_B2_H08_MR
37256	ZM_037_B2_H09	ZM_037_B2_H09_T7C	
37257	ZM_037_B2_H09		ZM_037_B2_H09_MR
37258	ZM_037_B2_H10	ZM_037_B2_H10_T7C	
37259	ZM_037_B2_H10		ZM_037_B2_H10_MR
37260	ZM_037_B2_H11	ZM_037_B2_H11_T7C	
37261	ZM_037_B2_H11		ZM_037_B2_H11_MR
37262	ZM_037_B2_H12		ZM_037_B2_H12_MR
37263	ZM_038_A1_A01	ZM_038_A1_A01_T7C	
37264	ZM_038_A1_A01		ZM_038_A1_A01_MR
37265	ZM_038_A1_A02	ZM_038_A1_A02_T7C	
37266	ZM_038_A1_A02		ZM_038_A1_A02_MR
37267	ZM_038_A1_A03		ZM_038_A1_A03_MR
37268	ZM_038_A1_A04	ZM_038_A1_A04_T7C	
37269	ZM_038_A1_A05	ZM_038_A1_A05_T7C	
37270	ZM_038_A1_A05		ZM_038_A1_A05_MR
37271	ZM_038_A1_A06	ZM_038_A1_A06_T7C	
37272	ZM_038_A1_A07	ZM_038_A1_A07_T7C	
37273	ZM_038_A1_A07		ZM_038_A1_A07_MR
37274	ZM_038_A1_A08	ZM_038_A1_A08_T7C	
37275	ZM_038_A1_A10	ZM_038_A1_A10_T7C	
37276	ZM_038_A1_A10		ZM_038_A1_A10_MR
37277	ZM_038_A1_A11	ZM_038_A1_A11_T7C	
37278	ZM_038_A1_A11		ZM_038_A1_A11_MR
37279	ZM_038_A1_A12		ZM_038_A1_A12_MR
37280	ZM_038_A1_B02	ZM_038_A1_B02_T7C	
37281	ZM_038_A1_B04	ZM_038_A1_B04_T7C	
37282	ZM_038_A1_B04		ZM_038_A1_B04_MR
37283	ZM_038_A1_B05	ZM_038_A1_B05_T7C	
37284	ZM_038_A1_B05		ZM_038_A1_B05_MR
37285	ZM_038_A1_B06	ZM_038_A1_B06_T7C	
37286	ZM_038_A1_B06		ZM_038_A1_B06_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37287	ZM_038_A1_B07	ZM_038_A1_B07_T7C	
37288	ZM_038_A1_B07		ZM_038_A1_B07_MR
37289	ZM_038_A1_B08	ZM_038_A1_B08_T7C	
37290	ZM_038_A1_B08		ZM_038_A1_B08_MR
37291	ZM_038_A1_B09	ZM_038_A1_B09_T7C	
37292	ZM_038_A1_B09		ZM_038_A1_B09_MR
37293	ZM_038_A1_B10	ZM_038_A1_B10_T7C	
37294	ZM_038_A1_B10		ZM_038_A1_B10_MR
37295	ZM_038_A1_B12	ZM_038_A1_B12_T7C	
37296	ZM_038_A1_C01	ZM_038_A1_C01_T7C	
37297	ZM_038_A1_C01		ZM_038_A1_C01_MR
37298	ZM_038_A1_C02	ZM_038_A1_C02_T7C	
37299	ZM_038_A1_C02		ZM_038_A1_C02_MR
37300	ZM_038_A1_C03	ZM_038_A1_C03_T7C	
37301	ZM_038_A1_C03		ZM_038_A1_C03_MR
37302	ZM_038_A1_C04	ZM_038_A1_C04_T7C	
37303	ZM_038_A1_C04		ZM_038_A1_C04_MR
37304	ZM_038_A1_C05		ZM_038_A1_C05_MR
37305	ZM_038_A1_C06		ZM_038_A1_C06_MR
37306	ZM_038_A1_C07	ZM_038_A1_C07_T7C	
37307	ZM_038_A1_C07		ZM_038_A1_C07_MR
37308	ZM_038_A1_C08	ZM_038_A1_C08_T7C	
37309	ZM_038_A1_C08		ZM_038_A1_C08_MR
37310	ZM_038_A1_C09	ZM_038_A1_C09_T7C	
37311	ZM_038_A1_C09		ZM_038_A1_C09_MR
37312	ZM_038_A1_C10	ZM_038_A1_C10_T7C	
37313	ZM_038_A1_C10		ZM_038_A1_C10_MR
37314	ZM_038_A1_C11	ZM_038_A1_C11_T7C	
37315	ZM_038_A1_C11		ZM_038_A1_C11_MR
37316	ZM_038_A1_C12		ZM_038_A1_C12_MR
37317	ZM_038_A1_D01	ZM_038_A1_D01_T7C	
37318	ZM_038_A1_D02		ZM_038_A1_D02_MR
37319	ZM_038_A1_D03	ZM_038_A1_D03_T7C	
37320	ZM_038_A1_D03		ZM_038_A1_D03_MR
37321	ZM_038_A1_D04	ZM_038_A1_D04_T7C	
37322	ZM_038_A1_D04		ZM_038_A1_D04_MR
37323	ZM_038_A1_D05	ZM_038_A1_D05_T7C	
37324	ZM_038_A1_D06	ZM_038_A1_D06_T7C	
37325	ZM_038_A1_D06		ZM_038_A1_D06_MR
37326	ZM_038_A1_D07		ZM_038_A1_D07_MR
37327	ZM_038_A1_D08	ZM_038_A1_D08_T7C	
37328	ZM_038_A1_D09	ZM_038_A1_D09_T7C	
37329	ZM_038_A1_D10	ZM_038_A1_D10_T7C	
37330	ZM_038_A1_D10		ZM_038_A1_D10_MR
37331	ZM_038_A1_D11		ZM_038_A1_D11_MR
37332	ZM_038_A1_D12	ZM_038_A1_D12_T7C	
37333	ZM_038_A1_E04	ZM_038_A1_E04_T7C	
37334	ZM_038_A1_E04		ZM_038_A1_E04_MR
37335	ZM_038_A1_E05	ZM_038_A1_E05_T7C	
37336	ZM_038_A1_E05		ZM_038_A1_E05_MR
37337	ZM_038_A1_E06	ZM_038_A1_E06_T7C	
37338	ZM_038_A1_E07		ZM_038_A1_E07_MR
37339	ZM_038_A1_E08	ZM_038_A1_E08_T7C	
37340	ZM_038_A1_E09		ZM_038_A1_E09_MR
37341	ZM_038_A1_E10	ZM_038_A1_E10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37342	ZM_038_A1_E10		ZM_038_A1_E10_MR
37343	ZM_038_A1_E12	ZM_038_A1_E12_T7C	
37344	ZM_038_A1_E12		ZM_038_A1_E12_MR
37345	ZM_038_A1_F01	ZM_038_A1_F01_T7C	
37346	ZM_038_A1_F02	ZM_038_A1_F02_T7C	
37347	ZM_038_A1_F03		ZM_038_A1_F03_MR
37348	ZM_038_A1_F04	ZM_038_A1_F04_T7C	
37349	ZM_038_A1_F04		ZM_038_A1_F04_MR
37350	ZM_038_A1_F05	ZM_038_A1_F05_T7C	
37351	ZM_038_A1_F05		ZM_038_A1_F05_MR
37352	ZM_038_A1_F06		ZM_038_A1_F06_MR
37353	ZM_038_A1_F07		ZM_038_A1_F07_MR
37354	ZM_038_A1_F08	ZM_038_A1_F08_T7C	
37355	ZM_038_A1_F08		ZM_038_A1_F08_MR
37356	ZM_038_A1_F09	ZM_038_A1_F09_T7C	
37357	ZM_038_A1_F09		ZM_038_A1_F09_MR
37358	ZM_038_A1_F10	ZM_038_A1_F10_T7C	
37359	ZM_038_A1_F10		ZM_038_A1_F10_MR
37360	ZM_038_A1_F11	ZM_038_A1_F11_T7C	
37361	ZM_038_A1_F11		ZM_038_A1_F11_MR
37362	ZM_038_A1_F12	ZM_038_A1_F12_T7C	
37363	ZM_038_A1_F12		ZM_038_A1_F12_MR
37364	ZM_038_A1_G01	ZM_038_A1_G01_T7C	
37365	ZM_038_A1_G01		ZM_038_A1_G01_MR
37366	ZM_038_A1_G02	ZM_038_A1_G02_T7C	
37367	ZM_038_A1_G02		ZM_038_A1_G02_MR
37368	ZM_038_A1_G03		ZM_038_A1_G03_MR
37369	ZM_038_A1_G04	ZM_038_A1_G04_T7C	
37370	ZM_038_A1_G05		ZM_038_A1_G05_MR
37371	ZM_038_A1_G08	ZM_038_A1_G08_T7C	
37372	ZM_038_A1_G08		ZM_038_A1_G08_MR
37373	ZM_038_A1_G09	ZM_038_A1_G09_T7C	
37374	ZM_038_A1_G09		ZM_038_A1_G09_MR
37375	ZM_038_A1_G10	ZM_038_A1_G10_T7C	
37376	ZM_038_A1_G11		ZM_038_A1_G11_MR
37377	ZM_038_A1_G12	ZM_038_A1_G12_T7C	
37378	ZM_038_A1_G12		ZM_038_A1_G12_MR
37379	ZM_038_A1_H01	ZM_038_A1_H01_T7C	
37380	ZM_038_A1_H01		ZM_038_A1_H01_MR
37381	ZM_038_A1_H02	ZM_038_A1_H02_T7C	
37382	ZM_038_A1_H02		ZM_038_A1_H02_MR
37383	ZM_038_A1_H04	ZM_038_A1_H04_T7C	
37384	ZM_038_A1_H04		ZM_038_A1_H04_MR
37385	ZM_038_A1_H05	ZM_038_A1_H05_T7C	
37386	ZM_038_A1_H05		ZM_038_A1_H05_MR
37387	ZM_038_A1_H06		ZM_038_A1_H06_MR
37388	ZM_038_A1_H07		ZM_038_A1_H07_MR
37389	ZM_038_A1_H08	ZM_038_A1_H08_T7C	
37390	ZM_038_A1_H08		ZM_038_A1_H08_MR
37391	ZM_038_A1_H09	ZM_038_A1_H09_T7C	
37392	ZM_038_A1_H09		ZM_038_A1_H09_MR
37393	ZM_038_A1_H11	ZM_038_A1_H11_T7C	
37394	ZM_038_A1_H11		ZM_038_A1_H11_MR
37395	ZM_038_A1_H12	ZM_038_A1_H12_T7C	
37396	ZM_038_A1_H12		ZM_038_A1_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37397	ZM_038_A2_A01	ZM_038_A2_A01_T7C	
37398	ZM_038_A2_A04		ZM_038_A2_A04_MR
37399	ZM_038_A2_A05	ZM_038_A2_A05_T7C	
37400	ZM_038_A2_A06		ZM_038_A2_A06_MR
37401	ZM_038_A2_A07		ZM_038_A2_A07_MR
37402	ZM_038_A2_B02	ZM_038_A2_B02_T7C	
37403	ZM_038_A2_B05	ZM_038_A2_B05_T7C	
37404	ZM_038_A2_B07	ZM_038_A2_B07_T7C	
37405	ZM_038_A2_B10	ZM_038_A2_B10_T7C	
37406	ZM_038_A2_B11	ZM_038_A2_B11_T7C	
37407	ZM_038_A2_B12	ZM_038_A2_B12_T7C	
37408	ZM_038_A2_C01	ZM_038_A2_C01_T7C	
37409	ZM_038_A2_C03	ZM_038_A2_C03_T7C	
37410	ZM_038_A2_C08	ZM_038_A2_C08_T7C	
37411	ZM_038_A2_C12	ZM_038_A2_C12_T7C	
37412	ZM_038_A2_C12		ZM_038_A2_C12_MR
37413	ZM_038_A2_D01		ZM_038_A2_D01_MR
37414	ZM_038_A2_D02	ZM_038_A2_D02_T7C	
37415	ZM_038_A2_D04	ZM_038_A2_D04_T7C	
37416	ZM_038_A2_D06	ZM_038_A2_D06_T7C	
37417	ZM_038_A2_D08	ZM_038_A2_D08_T7C	
37418	ZM_038_A2_D08		ZM_038_A2_D08_MR
37419	ZM_038_A2_D09	ZM_038_A2_D09_T7C	
37420	ZM_038_A2_E01	ZM_038_A2_E01_T7C	
37421	ZM_038_A2_E02	ZM_038_A2_E02_T7C	
37422	ZM_038_A2_E02		ZM_038_A2_E02_MR
37423	ZM_038_A2_E06	ZM_038_A2_E06_T7C	
37424	ZM_038_A2_E08		ZM_038_A2_E08_MR
37425	ZM_038_A2_E10		ZM_038_A2_E10_MR
37426	ZM_038_A2_F01	ZM_038_A2_F01_T7C	
37427	ZM_038_A2_F05	ZM_038_A2_F05_T7C	
37428	ZM_038_A2_F08	ZM_038_A2_F08_T7C	
37429	ZM_038_A2_F09		ZM_038_A2_F09_MR
37430	ZM_038_A2_G04	ZM_038_A2_G04_T7C	
37431	ZM_038_A2_G05	ZM_038_A2_G05_T7C	
37432	ZM_038_A2_G06	ZM_038_A2_G06_T7C	
37433	ZM_038_A2_G06		ZM_038_A2_G06_MR
37434	ZM_038_A2_G10	ZM_038_A2_G10_T7C	
37435	ZM_038_A2_G10		ZM_038_A2_G10_MR
37436	ZM_038_A2_H04	ZM_038_A2_H04_T7C	
37437	ZM_038_A2_H05	ZM_038_A2_H05_T7C	
37438	ZM_038_A2_H08	ZM_038_A2_H08_T7C	
37439	ZM_038_A2_H10	ZM_038_A2_H10_T7C	
37440	ZM_038_A2_H10		ZM_038_A2_H10_MR
37441	ZM_038_B1_A02	ZM_038_B1_A02_T7C	
37442	ZM_038_B1_A04	ZM_038_B1_A04_T7C	
37443	ZM_038_B1_A05	ZM_038_B1_A05_T7C	
37444	ZM_038_B1_A05		ZM_038_B1_A05_MR
37445	ZM_038_B1_A06		ZM_038_B1_A06_MR
37446	ZM_038_B1_A07	ZM_038_B1_A07_T7C	
37447	ZM_038_B1_A10		ZM_038_B1_A10_MR
37448	ZM_038_B1_A12	ZM_038_B1_A12_T7C	
37449	ZM_038_B1_A12		ZM_038_B1_A12_MR
37450	ZM_038_B1_B01	ZM_038_B1_B01_T7C	
37451	ZM_038_B1_B01		ZM_038_B1_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37452	ZM_038_B1_B03	ZM_038_B1_B03_T7C	ZM_038_B1_B03_MR
37453	ZM_038_B1_B03		
37454	ZM_038_B1_B04	ZM_038_B1_B04_T7C	ZM_038_B1_B04_MR
37455	ZM_038_B1_B04		
37456	ZM_038_B1_B05	ZM_038_B1_B05_T7C	ZM_038_B1_B05_MR
37457	ZM_038_B1_B05		ZM_038_B1_B06_MR
37458	ZM_038_B1_B06		
37459	ZM_038_B1_B07	ZM_038_B1_B07_T7C	ZM_038_B1_B07_MR
37460	ZM_038_B1_B07		
37461	ZM_038_B1_B08	ZM_038_B1_B08_T7C	ZM_038_B1_B08_MR
37462	ZM_038_B1_B08		
37463	ZM_038_B1_B09	ZM_038_B1_B09_T7C	ZM_038_B1_B09_MR
37464	ZM_038_B1_B09		
37465	ZM_038_B1_B10	ZM_038_B1_B10_T7C	ZM_038_B1_B10_MR
37466	ZM_038_B1_B10		
37467	ZM_038_B1_B11	ZM_038_B1_B11_T7C	ZM_038_B1_B11_MR
37468	ZM_038_B1_B11		
37469	ZM_038_B1_B12	ZM_038_B1_B12_T7C	ZM_038_B1_B12_MR
37470	ZM_038_B1_B12		
37471	ZM_038_B1_C01	ZM_038_B1_C01_T7C	ZM_038_B1_C01_MR
37472	ZM_038_B1_C01		
37473	ZM_038_B1_C02	ZM_038_B1_C02_T7C	ZM_038_B1_C02_MR
37474	ZM_038_B1_C02		
37475	ZM_038_B1_C03	ZM_038_B1_C03_T7C	ZM_038_B1_C03_MR
37476	ZM_038_B1_C03		
37477	ZM_038_B1_C04	ZM_038_B1_C04_T7C	ZM_038_B1_C04_MR
37478	ZM_038_B1_C04		
37479	ZM_038_B1_C05	ZM_038_B1_C05_T7C	ZM_038_B1_C05_MR
37480	ZM_038_B1_C05		ZM_038_B1_C06_MR
37481	ZM_038_B1_C06		
37482	ZM_038_B1_C07	ZM_038_B1_C07_T7C	
37483	ZM_038_B1_C08	ZM_038_B1_C08_T7C	
37484	ZM_038_B1_C08		ZM_038_B1_C08_MR
37485	ZM_038_B1_C09	ZM_038_B1_C09_T7C	ZM_038_B1_C09_MR
37486	ZM_038_B1_C09		
37487	ZM_038_B1_C10	ZM_038_B1_C10_T7C	ZM_038_B1_C10_MR
37488	ZM_038_B1_C10		
37489	ZM_038_B1_C11	ZM_038_B1_C11_T7C	ZM_038_B1_C11_MR
37490	ZM_038_B1_C11		
37491	ZM_038_B1_D01	ZM_038_B1_D01_T7C	ZM_038_B1_D01_MR
37492	ZM_038_B1_D01		
37493	ZM_038_B1_D02	ZM_038_B1_D02_T7C	ZM_038_B1_D02_MR
37494	ZM_038_B1_D02		
37495	ZM_038_B1_D03	ZM_038_B1_D03_T7C	ZM_038_B1_D03_MR
37496	ZM_038_B1_D03		
37497	ZM_038_B1_D04	ZM_038_B1_D04_T7C	ZM_038_B1_D04_MR
37498	ZM_038_B1_D04		
37499	ZM_038_B1_D05	ZM_038_B1_D05_T7C	ZM_038_B1_D05_MR
37500	ZM_038_B1_D05		
37501	ZM_038_B1_D06	ZM_038_B1_D06_T7C	ZM_038_B1_D06_MR
37502	ZM_038_B1_D06		
37503	ZM_038_B1_D07	ZM_038_B1_D07_T7C	ZM_038_B1_D07_MR
37504	ZM_038_B1_D07		
37505	ZM_038_B1_D08	ZM_038_B1_D08_T7C	ZM_038_B1_D08_MR
37506	ZM_038_B1_D08		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37507	ZM_038_B1_D09	ZM_038_B1_D09_T7C	
37508	ZM_038_B1_D09		ZM_038_B1_D09_MR
37509	ZM_038_B1_D11	ZM_038_B1_D11_T7C	
37510	ZM_038_B1_D11		ZM_038_B1_D11_MR
37511	ZM_038_B1_D12	ZM_038_B1_D12_T7C	
37512	ZM_038_B1_D12		ZM_038_B1_D12_MR
37513	ZM_038_B1_E01	ZM_038_B1_E01_T7C	
37514	ZM_038_B1_E01		ZM_038_B1_E01_MR
37515	ZM_038_B1_E02	ZM_038_B1_E02_T7C	
37516	ZM_038_B1_E02		ZM_038_B1_E02_MR
37517	ZM_038_B1_E03	ZM_038_B1_E03_T7C	
37518	ZM_038_B1_E04	ZM_038_B1_E04_T7C	
37519	ZM_038_B1_E04		ZM_038_B1_E04_MR
37520	ZM_038_B1_E05	ZM_038_B1_E05_T7C	
37521	ZM_038_B1_E05		ZM_038_B1_E05_MR
37522	ZM_038_B1_E06		ZM_038_B1_E06_MR
37523	ZM_038_B1_E07	ZM_038_B1_E07_T7C	
37524	ZM_038_B1_E07		ZM_038_B1_E07_MR
37525	ZM_038_B1_E08	ZM_038_B1_E08_T7C	
37526	ZM_038_B1_E08		ZM_038_B1_E08_MR
37527	ZM_038_B1_E09	ZM_038_B1_E09_T7C	
37528	ZM_038_B1_E10	ZM_038_B1_E10_T7C	
37529	ZM_038_B1_E10		ZM_038_B1_E10_MR
37530	ZM_038_B1_E11	ZM_038_B1_E11_T7C	
37531	ZM_038_B1_E11		ZM_038_B1_E11_MR
37532	ZM_038_B1_E12	ZM_038_B1_E12_T7C	
37533	ZM_038_B1_E12		ZM_038_B1_E12_MR
37534	ZM_038_B1_F01	ZM_038_B1_F01_T7C	
37535	ZM_038_B1_F01		ZM_038_B1_F01_MR
37536	ZM_038_B1_F02	ZM_038_B1_F02_T7C	
37537	ZM_038_B1_F02		ZM_038_B1_F02_MR
37538	ZM_038_B1_F04	ZM_038_B1_F04_T7C	
37539	ZM_038_B1_F04		ZM_038_B1_F04_MR
37540	ZM_038_B1_F05	ZM_038_B1_F05_T7C	
37541	ZM_038_B1_F05		ZM_038_B1_F05_MR
37542	ZM_038_B1_F06	ZM_038_B1_F06_T7C	
37543	ZM_038_B1_F06		ZM_038_B1_F06_MR
37544	ZM_038_B1_F07	ZM_038_B1_F07_T7C	
37545	ZM_038_B1_F07		ZM_038_B1_F07_MR
37546	ZM_038_B1_F08	ZM_038_B1_F08_T7C	
37547	ZM_038_B1_F08		ZM_038_B1_F08_MR
37548	ZM_038_B1_F09	ZM_038_B1_F09_T7C	
37549	ZM_038_B1_F09		ZM_038_B1_F09_MR
37550	ZM_038_B1_F10	ZM_038_B1_F10_T7C	
37551	ZM_038_B1_F10		ZM_038_B1_F10_MR
37552	ZM_038_B1_F11	ZM_038_B1_F11_T7C	
37553	ZM_038_B1_F11		ZM_038_B1_F11_MR
37554	ZM_038_B1_F12	ZM_038_B1_F12_T7C	
37555	ZM_038_B1_F12		ZM_038_B1_F12_MR
37556	ZM_038_B1_G02	ZM_038_B1_G02_T7C	
37557	ZM_038_B1_G02		ZM_038_B1_G02_MR
37558	ZM_038_B1_G03	ZM_038_B1_G03_T7C	
37559	ZM_038_B1_G03		ZM_038_B1_G03_MR
37560	ZM_038_B1_G04	ZM_038_B1_G04_T7C	
37561	ZM_038_B1_G04		ZM_038_B1_G04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37562	ZM_038_B1_G05	ZM_038_B1_G05_T7C	
37563	ZM_038_B1_G05		ZM_038_B1_G05_MR
37564	ZM_038_B1_G06	ZM_038_B1_G06_T7C	
37565	ZM_038_B1_G06		ZM_038_B1_G06_MR
37566	ZM_038_B1_G07	ZM_038_B1_G07_T7C	
37567	ZM_038_B1_G07		ZM_038_B1_G07_MR
37568	ZM_038_B1_G08	ZM_038_B1_G08_T7C	
37569	ZM_038_B1_G08		ZM_038_B1_G08_MR
37570	ZM_038_B1_G10	ZM_038_B1_G10_T7C	
37571	ZM_038_B1_G10		ZM_038_B1_G10_MR
37572	ZM_038_B1_G11	ZM_038_B1_G11_T7C	
37573	ZM_038_B1_G11		ZM_038_B1_G11_MR
37574	ZM_038_B1_G12	ZM_038_B1_G12_T7C	
37575	ZM_038_B1_G12		ZM_038_B1_G12_MR
37576	ZM_038_B1_H01	ZM_038_B1_H01_T7C	
37577	ZM_038_B1_H01		ZM_038_B1_H01_MR
37578	ZM_038_B1_H02	ZM_038_B1_H02_T7C	
37579	ZM_038_B1_H02		ZM_038_B1_H02_MR
37580	ZM_038_B1_H03	ZM_038_B1_H03_T7C	
37581	ZM_038_B1_H03		ZM_038_B1_H03_MR
37582	ZM_038_B1_H04	ZM_038_B1_H04_T7C	
37583	ZM_038_B1_H04		ZM_038_B1_H04_MR
37584	ZM_038_B1_H06	ZM_038_B1_H06_T7C	
37585	ZM_038_B1_H06		ZM_038_B1_H06_MR
37586	ZM_038_B1_H07	ZM_038_B1_H07_T7C	
37587	ZM_038_B1_H07		ZM_038_B1_H07_MR
37588	ZM_038_B1_H08	ZM_038_B1_H08_T7C	
37589	ZM_038_B1_H08		ZM_038_B1_H08_MR
37590	ZM_038_B1_H09	ZM_038_B1_H09_T7C	
37591	ZM_038_B1_H09		ZM_038_B1_H09_MR
37592	ZM_038_B1_H10	ZM_038_B1_H10_T7C	
37593	ZM_038_B1_H10		ZM_038_B1_H10_MR
37594	ZM_038_B1_H11	ZM_038_B1_H11_T7C	
37595	ZM_038_B1_H12	ZM_038_B1_H12_T7C	
37596	ZM_038_B1_H12		ZM_038_B1_H12_MR
37597	ZM_038_B2_A02		ZM_038_B2_A02_MR
37598	ZM_038_B2_A04	ZM_038_B2_A04_T7C	
37599	ZM_038_B2_A04		ZM_038_B2_A04_MR
37600	ZM_038_B2_A05	ZM_038_B2_A05_T7C	
37601	ZM_038_B2_A05		ZM_038_B2_A05_MR
37602	ZM_038_B2_A06	ZM_038_B2_A06_T7C	
37603	ZM_038_B2_A06		ZM_038_B2_A06_MR
37604	ZM_038_B2_A07	ZM_038_B2_A07_T7C	
37605	ZM_038_B2_A07		ZM_038_B2_A07_MR
37606	ZM_038_B2_A10	ZM_038_B2_A10_T7C	
37607	ZM_038_B2_A11	ZM_038_B2_A11_T7C	
37608	ZM_038_B2_A11		ZM_038_B2_A11_MR
37609	ZM_038_B2_A12	ZM_038_B2_A12_T7C	
37610	ZM_038_B2_A12		ZM_038_B2_A12_MR
37611	ZM_038_B2_B01	ZM_038_B2_B01_T7C	
37612	ZM_038_B2_B01		ZM_038_B2_B01_MR
37613	ZM_038_B2_B02	ZM_038_B2_B02_T7C	
37614	ZM_038_B2_B02		ZM_038_B2_B02_MR
37615	ZM_038_B2_B03	ZM_038_B2_B03_T7C	
37616	ZM_038_B2_B03		ZM_038_B2_B03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37617	ZM_038_B2_B04	ZM_038_B2_B04_T7C	
37618	ZM_038_B2_B04		ZM_038_B2_B04_MR
37619	ZM_038_B2_B05	ZM_038_B2_B05_T7C	
37620	ZM_038_B2_B05		ZM_038_B2_B05_MR
37621	ZM_038_B2_B06		ZM_038_B2_B06_MR
37622	ZM_038_B2_B07	ZM_038_B2_B07_T7C	
37623	ZM_038_B2_B07		ZM_038_B2_B07_MR
37624	ZM_038_B2_B08	ZM_038_B2_B08_T7C	
37625	ZM_038_B2_B08		ZM_038_B2_B08_MR
37626	ZM_038_B2_B09	ZM_038_B2_B09_T7C	
37627	ZM_038_B2_B09		ZM_038_B2_B09_MR
37628	ZM_038_B2_B10	ZM_038_B2_B10_T7C	
37629	ZM_038_B2_B10		ZM_038_B2_B10_MR
37630	ZM_038_B2_B11	ZM_038_B2_B11_T7C	
37631	ZM_038_B2_B11		ZM_038_B2_B11_MR
37632	ZM_038_B2_B12	ZM_038_B2_B12_T7C	
37633	ZM_038_B2_B12		ZM_038_B2_B12_MR
37634	ZM_038_B2_C01	ZM_038_B2_C01_T7C	
37635	ZM_038_B2_C01		ZM_038_B2_C01_MR
37636	ZM_038_B2_C02	ZM_038_B2_C02_T7C	
37637	ZM_038_B2_C02		ZM_038_B2_C02_MR
37638	ZM_038_B2_C03	ZM_038_B2_C03_T7C	
37639	ZM_038_B2_C04	ZM_038_B2_C04_T7C	
37640	ZM_038_B2_C04		ZM_038_B2_C04_MR
37641	ZM_038_B2_C05	ZM_038_B2_C05_T7C	
37642	ZM_038_B2_C05		ZM_038_B2_C05_MR
37643	ZM_038_B2_C07	ZM_038_B2_C07_T7C	
37644	ZM_038_B2_C07		ZM_038_B2_C07_MR
37645	ZM_038_B2_C08	ZM_038_B2_C08_T7C	
37646	ZM_038_B2_C08		ZM_038_B2_C08_MR
37647	ZM_038_B2_C09		ZM_038_B2_C09_MR
37648	ZM_038_B2_C10	ZM_038_B2_C10_T7C	
37649	ZM_038_B2_C10		ZM_038_B2_C10_MR
37650	ZM_038_B2_C11	ZM_038_B2_C11_T7C	
37651	ZM_038_B2_C11		ZM_038_B2_C11_MR
37652	ZM_038_B2_C12	ZM_038_B2_C12_T7C	
37653	ZM_038_B2_C12		ZM_038_B2_C12_MR
37654	ZM_038_B2_D01	ZM_038_B2_D01_T7C	
37655	ZM_038_B2_D01		ZM_038_B2_D01_MR
37656	ZM_038_B2_D02	ZM_038_B2_D02_T7C	
37657	ZM_038_B2_D02		ZM_038_B2_D02_MR
37658	ZM_038_B2_D03	ZM_038_B2_D03_T7C	
37659	ZM_038_B2_D03		ZM_038_B2_D03_MR
37660	ZM_038_B2_D04	ZM_038_B2_D04_T7C	
37661	ZM_038_B2_D04		ZM_038_B2_D04_MR
37662	ZM_038_B2_D05	ZM_038_B2_D05_T7C	
37663	ZM_038_B2_D05		ZM_038_B2_D05_MR
37664	ZM_038_B2_D06	ZM_038_B2_D06_T7C	
37665	ZM_038_B2_D06		ZM_038_B2_D06_MR
37666	ZM_038_B2_D07	ZM_038_B2_D07_T7C	
37667	ZM_038_B2_D07		ZM_038_B2_D07_MR
37668	ZM_038_B2_D08	ZM_038_B2_D08_T7C	
37669	ZM_038_B2_D08		ZM_038_B2_D08_MR
37670	ZM_038_B2_D09	ZM_038_B2_D09_T7C	
37671	ZM_038_B2_D09		ZM_038_B2_D09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37672	ZM_038_B2_D10	ZM_038_B2_D10_T7C	
37673	ZM_038_B2_D10		ZM_038_B2_D10_MR
37674	ZM_038_B2_D11	ZM_038_B2_D11_T7C	
37675	ZM_038_B2_D11		ZM_038_B2_D11_MR
37676	ZM_038_B2_D12	ZM_038_B2_D12_T7C	
37677	ZM_038_B2_D12		ZM_038_B2_D12_MR
37678	ZM_038_B2_E01	ZM_038_B2_E01_T7C	
37679	ZM_038_B2_E01		ZM_038_B2_E01_MR
37680	ZM_038_B2_E02	ZM_038_B2_E02_T7C	
37681	ZM_038_B2_E02		ZM_038_B2_E02_MR
37682	ZM_038_B2_E03	ZM_038_B2_E03_T7C	
37683	ZM_038_B2_E03		ZM_038_B2_E03_MR
37684	ZM_038_B2_E04	ZM_038_B2_E04_T7C	
37685	ZM_038_B2_E04		ZM_038_B2_E04_MR
37686	ZM_038_B2_E05	ZM_038_B2_E05_T7C	
37687	ZM_038_B2_E05		ZM_038_B2_E05_MR
37688	ZM_038_B2_E07	ZM_038_B2_E07_T7C	
37689	ZM_038_B2_E07		ZM_038_B2_E07_MR
37690	ZM_038_B2_E08	ZM_038_B2_E08_T7C	
37691	ZM_038_B2_E08		ZM_038_B2_E08_MR
37692	ZM_038_B2_E09	ZM_038_B2_E09_T7C	
37693	ZM_038_B2_E10	ZM_038_B2_E10_T7C	
37694	ZM_038_B2_E10		ZM_038_B2_E10_MR
37695	ZM_038_B2_E11	ZM_038_B2_E11_T7C	
37696	ZM_038_B2_E11		ZM_038_B2_E11_MR
37697	ZM_038_B2_E12	ZM_038_B2_E12_T7C	
37698	ZM_038_B2_E12		ZM_038_B2_E12_MR
37699	ZM_038_B2_F01	ZM_038_B2_F01_T7C	
37700	ZM_038_B2_F01		ZM_038_B2_F01_MR
37701	ZM_038_B2_F02	ZM_038_B2_F02_T7C	
37702	ZM_038_B2_F02		ZM_038_B2_F02_MR
37703	ZM_038_B2_F03	ZM_038_B2_F03_T7C	
37704	ZM_038_B2_F03		ZM_038_B2_F03_MR
37705	ZM_038_B2_F04	ZM_038_B2_F04_T7C	
37706	ZM_038_B2_F04		ZM_038_B2_F04_MR
37707	ZM_038_B2_F05	ZM_038_B2_F05_T7C	
37708	ZM_038_B2_F05		ZM_038_B2_F05_MR
37709	ZM_038_B2_F06	ZM_038_B2_F06_T7C	
37710	ZM_038_B2_F06		ZM_038_B2_F06_MR
37711	ZM_038_B2_F07	ZM_038_B2_F07_T7C	
37712	ZM_038_B2_F07		ZM_038_B2_F07_MR
37713	ZM_038_B2_F08	ZM_038_B2_F08_T7C	
37714	ZM_038_B2_F08		ZM_038_B2_F08_MR
37715	ZM_038_B2_F09	ZM_038_B2_F09_T7C	
37716	ZM_038_B2_F09		ZM_038_B2_F09_MR
37717	ZM_038_B2_F10	ZM_038_B2_F10_T7C	
37718	ZM_038_B2_F10		ZM_038_B2_F10_MR
37719	ZM_038_B2_F11		ZM_038_B2_F11_MR
37720	ZM_038_B2_F12	ZM_038_B2_F12_T7C	
37721	ZM_038_B2_F12		ZM_038_B2_F12_MR
37722	ZM_038_B2_G01	ZM_038_B2_G01_T7C	
37723	ZM_038_B2_G01		ZM_038_B2_G01_MR
37724	ZM_038_B2_G02	ZM_038_B2_G02_T7C	
37725	ZM_038_B2_G03	ZM_038_B2_G03_T7C	
37726	ZM_038_B2_G03		ZM_038_B2_G03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37727	ZM_038_B2_G04	ZM_038_B2_G04_T7C	
37728	ZM_038_B2_G05	ZM_038_B2_G05_T7C	
37729	ZM_038_B2_G07	ZM_038_B2_G07_T7C	
37730	ZM_038_B2_G07		ZM_038_B2_G07_MR
37731	ZM_038_B2_G09	ZM_038_B2_G09_T7C	
37732	ZM_038_B2_G09		ZM_038_B2_G09_MR
37733	ZM_038_B2_G10	ZM_038_B2_G10_T7C	
37734	ZM_038_B2_G10		ZM_038_B2_G10_MR
37735	ZM_038_B2_G11	ZM_038_B2_G11_T7C	
37736	ZM_038_B2_G11		ZM_038_B2_G11_MR
37737	ZM_038_B2_G12	ZM_038_B2_G12_T7C	
37738	ZM_038_B2_G12		ZM_038_B2_G12_MR
37739	ZM_038_B2_H01	ZM_038_B2_H01_T7C	
37740	ZM_038_B2_H01		ZM_038_B2_H01_MR
37741	ZM_038_B2_H02	ZM_038_B2_H02_T7C	
37742	ZM_038_B2_H02		ZM_038_B2_H02_MR
37743	ZM_038_B2_H03	ZM_038_B2_H03_T7C	
37744	ZM_038_B2_H03		ZM_038_B2_H03_MR
37745	ZM_038_B2_H04	ZM_038_B2_H04_T7C	
37746	ZM_038_B2_H04		ZM_038_B2_H04_MR
37747	ZM_038_B2_H05	ZM_038_B2_H05_T7C	
37748	ZM_038_B2_H05		ZM_038_B2_H05_MR
37749	ZM_038_B2_H06	ZM_038_B2_H06_T7C	
37750	ZM_038_B2_H06		ZM_038_B2_H06_MR
37751	ZM_038_B2_H07	ZM_038_B2_H07_T7C	
37752	ZM_038_B2_H07		ZM_038_B2_H07_MR
37753	ZM_038_B2_H08	ZM_038_B2_H08_T7C	
37754	ZM_038_B2_H08		ZM_038_B2_H08_MR
37755	ZM_038_B2_H09	ZM_038_B2_H09_T7C	
37756	ZM_038_B2_H09		ZM_038_B2_H09_MR
37757	ZM_038_B2_H10	ZM_038_B2_H10_T7C	
37758	ZM_038_B2_H11	ZM_038_B2_H11_T7C	
37759	ZM_038_B2_H12	ZM_038_B2_H12_T7C	
37760	ZM_038_B2_H12		ZM_038_B2_H12_MR
37761	ZM_039_A1_A01	ZM_039_A1_A01_T7C	
37762	ZM_039_A1_A02	ZM_039_A1_A02_T7C	
37763	ZM_039_A1_A03	ZM_039_A1_A03_T7C	
37764	ZM_039_A1_A04	ZM_039_A1_A04_T7C	
37765	ZM_039_A1_A05	ZM_039_A1_A05_T7C	
37766	ZM_039_A1_A07	ZM_039_A1_A07_T7C	
37767	ZM_039_A1_A08	ZM_039_A1_A08_T7C	
37768	ZM_039_A1_A09	ZM_039_A1_A09_T7C	
37769	ZM_039_A1_A10	ZM_039_A1_A10_T7C	
37770	ZM_039_A1_A11	ZM_039_A1_A11_T7C	
37771	ZM_039_A1_A12	ZM_039_A1_A12_T7C	
37772	ZM_039_A1_B01	ZM_039_A1_B01_T7C	
37773	ZM_039_A1_B02	ZM_039_A1_B02_T7C	
37774	ZM_039_A1_B03	ZM_039_A1_B03_T7C	
37775	ZM_039_A1_B04	ZM_039_A1_B04_T7C	
37776	ZM_039_A1_B05	ZM_039_A1_B05_T7C	
37777	ZM_039_A1_B06	ZM_039_A1_B06_T7C	
37778	ZM_039_A1_B08	ZM_039_A1_B08_T7C	
37779	ZM_039_A1_B09	ZM_039_A1_B09_T7C	
37780	ZM_039_A1_B10	ZM_039_A1_B10_T7C	
37781	ZM_039_A1_B11	ZM_039_A1_B11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37782	ZM_039_A1_B12	ZM_039_A1_B12_T7C	
37783	ZM_039_A1_C01	ZM_039_A1_C01_T7C	
37784	ZM_039_A1_C02	ZM_039_A1_C02_T7C	
37785	ZM_039_A1_C03	ZM_039_A1_C03_T7C	
37786	ZM_039_A1_C04	ZM_039_A1_C04_T7C	
37787	ZM_039_A1_C05	ZM_039_A1_C05_T7C	
37788	ZM_039_A1_C07	ZM_039_A1_C07_T7C	
37789	ZM_039_A1_C08	ZM_039_A1_C08_T7C	
37790	ZM_039_A1_C09	ZM_039_A1_C09_T7C	
37791	ZM_039_A1_C11	ZM_039_A1_C11_T7C	
37792	ZM_039_A1_C12	ZM_039_A1_C12_T7C	
37793	ZM_039_A1_D04	ZM_039_A1_D04_T7C	
37794	ZM_039_A1_D05	ZM_039_A1_D05_T7C	
37795	ZM_039_A1_D07	ZM_039_A1_D07_T7C	
37796	ZM_039_A1_D08	ZM_039_A1_D08_T7C	
37797	ZM_039_A1_D09	ZM_039_A1_D09_T7C	
37798	ZM_039_A1_D10	ZM_039_A1_D10_T7C	
37799	ZM_039_A1_D11	ZM_039_A1_D11_T7C	
37800	ZM_039_A1_D12	ZM_039_A1_D12_T7C	
37801	ZM_039_A1_E02	ZM_039_A1_E02_T7C	
37802	ZM_039_A1_E04	ZM_039_A1_E04_T7C	
37803	ZM_039_A1_E05	ZM_039_A1_E05_T7C	
37804	ZM_039_A1_E07	ZM_039_A1_E07_T7C	
37805	ZM_039_A1_E09	ZM_039_A1_E09_T7C	
37806	ZM_039_A1_E10	ZM_039_A1_E10_T7C	
37807	ZM_039_A1_E11	ZM_039_A1_E11_T7C	
37808	ZM_039_A1_E12	ZM_039_A1_E12_T7C	
37809	ZM_039_A1_F01	ZM_039_A1_F01_T7C	
37810	ZM_039_A1_F02	ZM_039_A1_F02_T7C	
37811	ZM_039_A1_F03	ZM_039_A1_F03_T7C	
37812	ZM_039_A1_F04	ZM_039_A1_F04_T7C	
37813	ZM_039_A1_F05	ZM_039_A1_F05_T7C	
37814	ZM_039_A1_F06	ZM_039_A1_F06_T7C	
37815	ZM_039_A1_F08	ZM_039_A1_F08_T7C	
37816	ZM_039_A1_F09	ZM_039_A1_F09_T7C	
37817	ZM_039_A1_F10	ZM_039_A1_F10_T7C	
37818	ZM_039_A1_F11	ZM_039_A1_F11_T7C	
37819	ZM_039_A1_F12	ZM_039_A1_F12_T7C	
37820	ZM_039_A1_G01	ZM_039_A1_G01_T7C	
37821	ZM_039_A1_G02	ZM_039_A1_G02_T7C	
37822	ZM_039_A1_G05	ZM_039_A1_G05_T7C	
37823	ZM_039_A1_G06	ZM_039_A1_G06_T7C	
37824	ZM_039_A1_G07	ZM_039_A1_G07_T7C	
37825	ZM_039_A1_G08	ZM_039_A1_G08_T7C	
37826	ZM_039_A1_G09	ZM_039_A1_G09_T7C	
37827	ZM_039_A1_G10	ZM_039_A1_G10_T7C	
37828	ZM_039_A1_G11	ZM_039_A1_G11_T7C	
37829	ZM_039_A1_H01	ZM_039_A1_H01_T7C	
37830	ZM_039_A1_H02	ZM_039_A1_H02_T7C	
37831	ZM_039_A1_H03	ZM_039_A1_H03_T7C	
37832	ZM_039_A1_H04	ZM_039_A1_H04_T7C	
37833	ZM_039_A1_H05	ZM_039_A1_H05_T7C	
37834	ZM_039_A1_H06	ZM_039_A1_H06_T7C	
37835	ZM_039_A1_H07	ZM_039_A1_H07_T7C	
37836	ZM_039_A1_H08	ZM_039_A1_H08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37837	ZM_039_A1_H09	ZM_039_A1_H09_T7C	
37838	ZM_039_A1_H10	ZM_039_A1_H10_T7C	
37839	ZM_039_A1_H11	ZM_039_A1_H11_T7C	
37840	ZM_039_A1_H12	ZM_039_A1_H12_T7C	
37841	ZM_039_A2_A01	ZM_039_A2_A01_T7C	
37842	ZM_039_A2_A01		ZM_039_A2_A01_MR
37843	ZM_039_A2_A02	ZM_039_A2_A02_T7C	
37844	ZM_039_A2_A02		ZM_039_A2_A02_MR
37845	ZM_039_A2_A03		ZM_039_A2_A03_MR
37846	ZM_039_A2_A04	ZM_039_A2_A04_T7C	
37847	ZM_039_A2_A04		ZM_039_A2_A04_MR
37848	ZM_039_A2_A05	ZM_039_A2_A05_T7C	
37849	ZM_039_A2_A05		ZM_039_A2_A05_MR
37850	ZM_039_A2_A06	ZM_039_A2_A06_T7C	
37851	ZM_039_A2_A06		ZM_039_A2_A06_MR
37852	ZM_039_A2_A07	ZM_039_A2_A07_T7C	
37853	ZM_039_A2_A07		ZM_039_A2_A07_MR
37854	ZM_039_A2_A08	ZM_039_A2_A08_T7C	
37855	ZM_039_A2_A08		ZM_039_A2_A08_MR
37856	ZM_039_A2_A09	ZM_039_A2_A09_T7C	
37857	ZM_039_A2_A09		ZM_039_A2_A09_MR
37858	ZM_039_A2_A10	ZM_039_A2_A10_T7C	
37859	ZM_039_A2_A10		ZM_039_A2_A10_MR
37860	ZM_039_A2_A11		ZM_039_A2_A11_MR
37861	ZM_039_A2_A12	ZM_039_A2_A12_T7C	
37862	ZM_039_A2_B01		ZM_039_A2_B01_MR
37863	ZM_039_A2_B02	ZM_039_A2_B02_T7C	
37864	ZM_039_A2_B02		ZM_039_A2_B02_MR
37865	ZM_039_A2_B03	ZM_039_A2_B03_T7C	
37866	ZM_039_A2_B03		ZM_039_A2_B03_MR
37867	ZM_039_A2_B04	ZM_039_A2_B04_T7C	
37868	ZM_039_A2_B04		ZM_039_A2_B04_MR
37869	ZM_039_A2_B05	ZM_039_A2_B05_T7C	
37870	ZM_039_A2_B05		ZM_039_A2_B05_MR
37871	ZM_039_A2_B06	ZM_039_A2_B06_T7C	
37872	ZM_039_A2_B06		ZM_039_A2_B06_MR
37873	ZM_039_A2_B07	ZM_039_A2_B07_T7C	
37874	ZM_039_A2_B07		ZM_039_A2_B07_MR
37875	ZM_039_A2_B08	ZM_039_A2_B08_T7C	
37876	ZM_039_A2_B08		ZM_039_A2_B08_MR
37877	ZM_039_A2_B09	ZM_039_A2_B09_T7C	
37878	ZM_039_A2_B09		ZM_039_A2_B09_MR
37879	ZM_039_A2_B10	ZM_039_A2_B10_T7C	
37880	ZM_039_A2_B10		ZM_039_A2_B10_MR
37881	ZM_039_A2_B11		ZM_039_A2_B11_MR
37882	ZM_039_A2_B12	ZM_039_A2_B12_T7C	
37883	ZM_039_A2_C01	ZM_039_A2_C01_T7C	
37884	ZM_039_A2_C01		ZM_039_A2_C01_MR
37885	ZM_039_A2_C02	ZM_039_A2_C02_T7C	
37886	ZM_039_A2_C02		ZM_039_A2_C02_MR
37887	ZM_039_A2_C03	ZM_039_A2_C03_T7C	
37888	ZM_039_A2_C03		ZM_039_A2_C03_MR
37889	ZM_039_A2_C04	ZM_039_A2_C04_T7C	
37890	ZM_039_A2_C04		ZM_039_A2_C04_MR
37891	ZM_039_A2_C05	ZM_039_A2_C05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37892	ZM_039_A2_C05		ZM_039_A2_C05_MR
37893	ZM_039_A2_C06	ZM_039_A2_C06_T7C	
37894	ZM_039_A2_C06		ZM_039_A2_C06_MR
37895	ZM_039_A2_C07	ZM_039_A2_C07_T7C	
37896	ZM_039_A2_C07		ZM_039_A2_C07_MR
37897	ZM_039_A2_C08	ZM_039_A2_C08_T7C	
37898	ZM_039_A2_C08		ZM_039_A2_C08_MR
37899	ZM_039_A2_C09	ZM_039_A2_C09_T7C	
37900	ZM_039_A2_C09		ZM_039_A2_C09_MR
37901	ZM_039_A2_C10	ZM_039_A2_C10_T7C	
37902	ZM_039_A2_C10		ZM_039_A2_C10_MR
37903	ZM_039_A2_C11	ZM_039_A2_C11_T7C	
37904	ZM_039_A2_C11		ZM_039_A2_C11_MR
37905	ZM_039_A2_C12	ZM_039_A2_C12_T7C	
37906	ZM_039_A2_C12		ZM_039_A2_C12_MR
37907	ZM_039_A2_D01	ZM_039_A2_D01_T7C	
37908	ZM_039_A2_D01		ZM_039_A2_D01_MR
37909	ZM_039_A2_D02	ZM_039_A2_D02_T7C	
37910	ZM_039_A2_D02		ZM_039_A2_D02_MR
37911	ZM_039_A2_D03	ZM_039_A2_D03_T7C	
37912	ZM_039_A2_D03		ZM_039_A2_D03_MR
37913	ZM_039_A2_D04	ZM_039_A2_D04_T7C	
37914	ZM_039_A2_D04		ZM_039_A2_D04_MR
37915	ZM_039_A2_D05	ZM_039_A2_D05_T7C	
37916	ZM_039_A2_D05		ZM_039_A2_D05_MR
37917	ZM_039_A2_D06	ZM_039_A2_D06_T7C	
37918	ZM_039_A2_D06		ZM_039_A2_D06_MR
37919	ZM_039_A2_D07	ZM_039_A2_D07_T7C	
37920	ZM_039_A2_D07		ZM_039_A2_D07_MR
37921	ZM_039_A2_D08	ZM_039_A2_D08_T7C	
37922	ZM_039_A2_D08		ZM_039_A2_D08_MR
37923	ZM_039_A2_D09	ZM_039_A2_D09_T7C	
37924	ZM_039_A2_D09		ZM_039_A2_D09_MR
37925	ZM_039_A2_D10	ZM_039_A2_D10_T7C	
37926	ZM_039_A2_D10		ZM_039_A2_D10_MR
37927	ZM_039_A2_D11	ZM_039_A2_D11_T7C	
37928	ZM_039_A2_D11		ZM_039_A2_D11_MR
37929	ZM_039_A2_D12	ZM_039_A2_D12_T7C	
37930	ZM_039_A2_D12		ZM_039_A2_D12_MR
37931	ZM_039_A2_E01	ZM_039_A2_E01_T7C	
37932	ZM_039_A2_E01		ZM_039_A2_E01_MR
37933	ZM_039_A2_E02	ZM_039_A2_E02_T7C	
37934	ZM_039_A2_E02		ZM_039_A2_E02_MR
37935	ZM_039_A2_E03	ZM_039_A2_E03_T7C	
37936	ZM_039_A2_E03		ZM_039_A2_E03_MR
37937	ZM_039_A2_E04	ZM_039_A2_E04_T7C	
37938	ZM_039_A2_E04		ZM_039_A2_E04_MR
37939	ZM_039_A2_E05	ZM_039_A2_E05_T7C	
37940	ZM_039_A2_E05		ZM_039_A2_E05_MR
37941	ZM_039_A2_E06	ZM_039_A2_E06_T7C	
37942	ZM_039_A2_E06		ZM_039_A2_E06_MR
37943	ZM_039_A2_E07	ZM_039_A2_E07_T7C	
37944	ZM_039_A2_E07		ZM_039_A2_E07_MR
37945	ZM_039_A2_E08		ZM_039_A2_E08_MR
37946	ZM_039_A2_E09		ZM_039_A2_E09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
37947	ZM_039_A2_E10	ZM_039_A2_E10_T7C	
37948	ZM_039_A2_E10		ZM_039_A2_E10_MR
37949	ZM_039_A2_E12	ZM_039_A2_E12_T7C	
37950	ZM_039_A2_F01	ZM_039_A2_F01_T7C	
37951	ZM_039_A2_F01		ZM_039_A2_F01_MR
37952	ZM_039_A2_F02	ZM_039_A2_F02_T7C	
37953	ZM_039_A2_F02		ZM_039_A2_F02_MR
37954	ZM_039_A2_F03	ZM_039_A2_F03_T7C	
37955	ZM_039_A2_F03		ZM_039_A2_F03_MR
37956	ZM_039_A2_F04	ZM_039_A2_F04_T7C	
37957	ZM_039_A2_F04		ZM_039_A2_F04_MR
37958	ZM_039_A2_F05	ZM_039_A2_F05_T7C	
37959	ZM_039_A2_F05		ZM_039_A2_F05_MR
37960	ZM_039_A2_F06	ZM_039_A2_F06_T7C	
37961	ZM_039_A2_F06		ZM_039_A2_F06_MR
37962	ZM_039_A2_F07	ZM_039_A2_F07_T7C	
37963	ZM_039_A2_F07		ZM_039_A2_F07_MR
37964	ZM_039_A2_F08	ZM_039_A2_F08_T7C	
37965	ZM_039_A2_F08		ZM_039_A2_F08_MR
37966	ZM_039_A2_F09	ZM_039_A2_F09_T7C	
37967	ZM_039_A2_F09		ZM_039_A2_F09_MR
37968	ZM_039_A2_F10	ZM_039_A2_F10_T7C	
37969	ZM_039_A2_F10		ZM_039_A2_F10_MR
37970	ZM_039_A2_F11		ZM_039_A2_F11_MR
37971	ZM_039_A2_F12	ZM_039_A2_F12_T7C	
37972	ZM_039_A2_G01	ZM_039_A2_G01_T7C	
37973	ZM_039_A2_G01		ZM_039_A2_G01_MR
37974	ZM_039_A2_G02	ZM_039_A2_G02_T7C	
37975	ZM_039_A2_G02		ZM_039_A2_G02_MR
37976	ZM_039_A2_G03	ZM_039_A2_G03_T7C	
37977	ZM_039_A2_G03		ZM_039_A2_G03_MR
37978	ZM_039_A2_G04	ZM_039_A2_G04_T7C	
37979	ZM_039_A2_G04		ZM_039_A2_G04_MR
37980	ZM_039_A2_G05	ZM_039_A2_G05_T7C	
37981	ZM_039_A2_G05		ZM_039_A2_G05_MR
37982	ZM_039_A2_G06	ZM_039_A2_G06_T7C	
37983	ZM_039_A2_G06		ZM_039_A2_G06_MR
37984	ZM_039_A2_G07	ZM_039_A2_G07_T7C	
37985	ZM_039_A2_G07		ZM_039_A2_G07_MR
37986	ZM_039_A2_G09	ZM_039_A2_G09_T7C	
37987	ZM_039_A2_G09		ZM_039_A2_G09_MR
37988	ZM_039_A2_G10	ZM_039_A2_G10_T7C	
37989	ZM_039_A2_G10		ZM_039_A2_G10_MR
37990	ZM_039_A2_G11	ZM_039_A2_G11_T7C	
37991	ZM_039_A2_G11		ZM_039_A2_G11_MR
37992	ZM_039_A2_G12	ZM_039_A2_G12_T7C	
37993	ZM_039_A2_H01	ZM_039_A2_H01_T7C	
37994	ZM_039_A2_H01		ZM_039_A2_H01_MR
37995	ZM_039_A2_H03	ZM_039_A2_H03_T7C	
37996	ZM_039_A2_H03		ZM_039_A2_H03_MR
37997	ZM_039_A2_H04	ZM_039_A2_H04_T7C	
37998	ZM_039_A2_H04		ZM_039_A2_H04_MR
37999	ZM_039_A2_H05	ZM_039_A2_H05_T7C	
38000	ZM_039_A2_H06	ZM_039_A2_H06_T7C	
38001	ZM_039_A2_H06		ZM_039_A2_H06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38002	ZM_039_A2_H07	ZM_039_A2_H07_T7C	
38003	ZM_039_A2_H07		ZM_039_A2_H07_MR
38004	ZM_039_A2_H08	ZM_039_A2_H08_T7C	
38005	ZM_039_A2_H08		ZM_039_A2_H08_MR
38006	ZM_039_A2_H09	ZM_039_A2_H09_T7C	
38007	ZM_039_A2_H09		ZM_039_A2_H09_MR
38008	ZM_039_A2_H10	ZM_039_A2_H10_T7C	
38009	ZM_039_A2_H10		ZM_039_A2_H10_MR
38010	ZM_039_A2_H11	ZM_039_A2_H11_T7C	
38011	ZM_039_A2_H12	ZM_039_A2_H12_T7C	
38012	ZM_039_A2_H12		ZM_039_A2_H12_MR
38013	ZM_039_B1_A01	ZM_039_B1_A01_T7C	
38014	ZM_039_B1_A04	ZM_039_B1_A04_T7C	
38015	ZM_039_B1_A05	ZM_039_B1_A05_T7C	
38016	ZM_039_B1_A06	ZM_039_B1_A06_T7C	
38017	ZM_039_B1_A07	ZM_039_B1_A07_T7C	
38018	ZM_039_B1_A08	ZM_039_B1_A08_T7C	
38019	ZM_039_B1_A09	ZM_039_B1_A09_T7C	
38020	ZM_039_B1_A10	ZM_039_B1_A10_T7C	
38021	ZM_039_B1_A11	ZM_039_B1_A11_T7C	
38022	ZM_039_B1_A12	ZM_039_B1_A12_T7C	
38023	ZM_039_B1_B01	ZM_039_B1_B01_T7C	
38024	ZM_039_B1_B02	ZM_039_B1_B02_T7C	
38025	ZM_039_B1_B03	ZM_039_B1_B03_T7C	
38026	ZM_039_B1_B04	ZM_039_B1_B04_T7C	
38027	ZM_039_B1_B05	ZM_039_B1_B05_T7C	
38028	ZM_039_B1_B06	ZM_039_B1_B06_T7C	
38029	ZM_039_B1_B07	ZM_039_B1_B07_T7C	
38030	ZM_039_B1_B08	ZM_039_B1_B08_T7C	
38031	ZM_039_B1_B09	ZM_039_B1_B09_T7C	
38032	ZM_039_B1_B10	ZM_039_B1_B10_T7C	
38033	ZM_039_B1_B11	ZM_039_B1_B11_T7C	
38034	ZM_039_B1_B12	ZM_039_B1_B12_T7C	
38035	ZM_039_B1_C01	ZM_039_B1_C01_T7C	
38036	ZM_039_B1_C03	ZM_039_B1_C03_T7C	
38037	ZM_039_B1_C04	ZM_039_B1_C04_T7C	
38038	ZM_039_B1_C05	ZM_039_B1_C05_T7C	
38039	ZM_039_B1_C06	ZM_039_B1_C06_T7C	
38040	ZM_039_B1_C07	ZM_039_B1_C07_T7C	
38041	ZM_039_B1_C08	ZM_039_B1_C08_T7C	
38042	ZM_039_B1_C09	ZM_039_B1_C09_T7C	
38043	ZM_039_B1_C10	ZM_039_B1_C10_T7C	
38044	ZM_039_B1_C11	ZM_039_B1_C11_T7C	
38045	ZM_039_B1_C12	ZM_039_B1_C12_T7C	
38046	ZM_039_B1_D01	ZM_039_B1_D01_T7C	
38047	ZM_039_B1_D02	ZM_039_B1_D02_T7C	
38048	ZM_039_B1_D03	ZM_039_B1_D03_T7C	
38049	ZM_039_B1_D04	ZM_039_B1_D04_T7C	
38050	ZM_039_B1_D05	ZM_039_B1_D05_T7C	
38051	ZM_039_B1_D06	ZM_039_B1_D06_T7C	
38052	ZM_039_B1_D07	ZM_039_B1_D07_T7C	
38053	ZM_039_B1_D08	ZM_039_B1_D08_T7C	
38054	ZM_039_B1_D09	ZM_039_B1_D09_T7C	
38055	ZM_039_B1_D10	ZM_039_B1_D10_T7C	
38056	ZM_039_B1_D11	ZM_039_B1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38057	ZM_039_B1_D12	ZM_039_B1_D12_T7C	
38058	ZM_039_B1_E01	ZM_039_B1_E01_T7C	
38059	ZM_039_B1_E02	ZM_039_B1_E02_T7C	
38060	ZM_039_B1_E04	ZM_039_B1_E04_T7C	
38061	ZM_039_B1_E05	ZM_039_B1_E05_T7C	
38062	ZM_039_B1_E07	ZM_039_B1_E07_T7C	
38063	ZM_039_B1_E10	ZM_039_B1_E10_T7C	
38064	ZM_039_B1_E11	ZM_039_B1_E11_T7C	
38065	ZM_039_B1_E12	ZM_039_B1_E12_T7C	
38066	ZM_039_B1_F01	ZM_039_B1_F01_T7C	
38067	ZM_039_B1_F02	ZM_039_B1_F02_T7C	
38068	ZM_039_B1_F03	ZM_039_B1_F03_T7C	
38069	ZM_039_B1_F04	ZM_039_B1_F04_T7C	
38070	ZM_039_B1_F05	ZM_039_B1_F05_T7C	
38071	ZM_039_B1_F06	ZM_039_B1_F06_T7C	
38072	ZM_039_B1_F07	ZM_039_B1_F07_T7C	
38073	ZM_039_B1_F08	ZM_039_B1_F08_T7C	
38074	ZM_039_B1_F10	ZM_039_B1_F10_T7C	
38075	ZM_039_B1_F11	ZM_039_B1_F11_T7C	
38076	ZM_039_B1_F12	ZM_039_B1_F12_T7C	
38077	ZM_039_B1_G02	ZM_039_B1_G02_T7C	
38078	ZM_039_B1_G03	ZM_039_B1_G03_T7C	
38079	ZM_039_B1_G04	ZM_039_B1_G04_T7C	
38080	ZM_039_B1_G05	ZM_039_B1_G05_T7C	
38081	ZM_039_B1_G06	ZM_039_B1_G06_T7C	
38082	ZM_039_B1_G07	ZM_039_B1_G07_T7C	
38083	ZM_039_B1_G08	ZM_039_B1_G08_T7C	
38084	ZM_039_B1_G09	ZM_039_B1_G09_T7C	
38085	ZM_039_B1_G10	ZM_039_B1_G10_T7C	
38086	ZM_039_B1_G11	ZM_039_B1_G11_T7C	
38087	ZM_039_B1_G12	ZM_039_B1_G12_T7C	
38088	ZM_039_B1_H01	ZM_039_B1_H01_T7C	
38089	ZM_039_B1_H02	ZM_039_B1_H02_T7C	
38090	ZM_039_B1_H03	ZM_039_B1_H03_T7C	
38091	ZM_039_B1_H04	ZM_039_B1_H04_T7C	
38092	ZM_039_B1_H05	ZM_039_B1_H05_T7C	
38093	ZM_039_B1_H06	ZM_039_B1_H06_T7C	
38094	ZM_039_B1_H07	ZM_039_B1_H07_T7C	
38095	ZM_039_B1_H08	ZM_039_B1_H08_T7C	
38096	ZM_039_B1_H09	ZM_039_B1_H09_T7C	
38097	ZM_039_B1_H10	ZM_039_B1_H10_T7C	
38098	ZM_039_B1_H11	ZM_039_B1_H11_T7C	
38099	ZM_039_B1_H12	ZM_039_B1_H12_T7C	
38100	ZM_039_B2_A07	ZM_039_B2_A07_T7C	
38101	ZM_039_B2_A07		ZM_039_B2_A07_MR
38102	ZM_039_B2_A09	ZM_039_B2_A09_T7C	
38103	ZM_039_B2_A09		ZM_039_B2_A09_MR
38104	ZM_039_B2_A10	ZM_039_B2_A10_T7C	
38105	ZM_039_B2_A10		ZM_039_B2_A10_MR
38106	ZM_039_B2_A11	ZM_039_B2_A11_T7C	
38107	ZM_039_B2_A12	ZM_039_B2_A12_T7C	
38108	ZM_039_B2_B01	ZM_039_B2_B01_T7C	
38109	ZM_039_B2_B01		ZM_039_B2_B01_MR
38110	ZM_039_B2_B02	ZM_039_B2_B02_T7C	
38111	ZM_039_B2_B02		ZM_039_B2_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38112	ZM_039_B2_B03	ZM_039_B2_B03_T7C	
38113	ZM_039_B2_B03		ZM_039_B2_B03_MR
38114	ZM_039_B2_B04	ZM_039_B2_B04_T7C	
38115	ZM_039_B2_B04		ZM_039_B2_B04_MR
38116	ZM_039_B2_B05	ZM_039_B2_B05_T7C	
38117	ZM_039_B2_B05		ZM_039_B2_B05_MR
38118	ZM_039_B2_B06	ZM_039_B2_B06_T7C	
38119	ZM_039_B2_B06		ZM_039_B2_B06_MR
38120	ZM_039_B2_B07	ZM_039_B2_B07_T7C	
38121	ZM_039_B2_B07		ZM_039_B2_B07_MR
38122	ZM_039_B2_B08	ZM_039_B2_B08_T7C	
38123	ZM_039_B2_B08		ZM_039_B2_B08_MR
38124	ZM_039_B2_B09	ZM_039_B2_B09_T7C	
38125	ZM_039_B2_B09		ZM_039_B2_B09_MR
38126	ZM_039_B2_B10	ZM_039_B2_B10_T7C	
38127	ZM_039_B2_B10		ZM_039_B2_B10_MR
38128	ZM_039_B2_B11	ZM_039_B2_B11_T7C	
38129	ZM_039_B2_B11		ZM_039_B2_B11_MR
38130	ZM_039_B2_B12	ZM_039_B2_B12_T7C	
38131	ZM_039_B2_C01	ZM_039_B2_C01_T7C	
38132	ZM_039_B2_C01		ZM_039_B2_C01_MR
38133	ZM_039_B2_C02	ZM_039_B2_C02_T7C	
38134	ZM_039_B2_C02		ZM_039_B2_C02_MR
38135	ZM_039_B2_C03	ZM_039_B2_C03_T7C	
38136	ZM_039_B2_C04	ZM_039_B2_C04_T7C	
38137	ZM_039_B2_C04		ZM_039_B2_C04_MR
38138	ZM_039_B2_C05	ZM_039_B2_C05_T7C	
38139	ZM_039_B2_C05		ZM_039_B2_C05_MR
38140	ZM_039_B2_C06	ZM_039_B2_C06_T7C	
38141	ZM_039_B2_C07	ZM_039_B2_C07_T7C	
38142	ZM_039_B2_C07		ZM_039_B2_C07_MR
38143	ZM_039_B2_C08	ZM_039_B2_C08_T7C	
38144	ZM_039_B2_C08		ZM_039_B2_C08_MR
38145	ZM_039_B2_C09	ZM_039_B2_C09_T7C	
38146	ZM_039_B2_C09		ZM_039_B2_C09_MR
38147	ZM_039_B2_C10	ZM_039_B2_C10_T7C	
38148	ZM_039_B2_C10		ZM_039_B2_C10_MR
38149	ZM_039_B2_C11	ZM_039_B2_C11_T7C	
38150	ZM_039_B2_C11		ZM_039_B2_C11_MR
38151	ZM_039_B2_C12	ZM_039_B2_C12_T7C	
38152	ZM_039_B2_C12		ZM_039_B2_C12_MR
38153	ZM_039_B2_D01	ZM_039_B2_D01_T7C	
38154	ZM_039_B2_D01		ZM_039_B2_D01_MR
38155	ZM_039_B2_D02	ZM_039_B2_D02_T7C	
38156	ZM_039_B2_D02		ZM_039_B2_D02_MR
38157	ZM_039_B2_D04	ZM_039_B2_D04_T7C	
38158	ZM_039_B2_D04		ZM_039_B2_D04_MR
38159	ZM_039_B2_D05	ZM_039_B2_D05_T7C	
38160	ZM_039_B2_D05		ZM_039_B2_D05_MR
38161	ZM_039_B2_D06	ZM_039_B2_D06_T7C	
38162	ZM_039_B2_D06		ZM_039_B2_D06_MR
38163	ZM_039_B2_D07	ZM_039_B2_D07_T7C	
38164	ZM_039_B2_D07		ZM_039_B2_D07_MR
38165	ZM_039_B2_D08	ZM_039_B2_D08_T7C	
38166	ZM_039_B2_D08		ZM_039_B2_D08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38167	ZM_039_B2_D09	ZM_039_B2_D09_T7C	
38168	ZM_039_B2_D10	ZM_039_B2_D10_T7C	
38169	ZM_039_B2_D10		ZM_039_B2_D10_MR
38170	ZM_039_B2_D11	ZM_039_B2_D11_T7C	
38171	ZM_039_B2_D11		ZM_039_B2_D11_MR
38172	ZM_039_B2_D12	ZM_039_B2_D12_T7C	
38173	ZM_039_B2_E01	ZM_039_B2_E01_T7C	
38174	ZM_039_B2_E07		ZM_039_B2_E07_MR
38175	ZM_039_B2_E08	ZM_039_B2_E08_T7C	
38176	ZM_039_B2_E08		ZM_039_B2_E08_MR
38177	ZM_039_B2_E09	ZM_039_B2_E09_T7C	
38178	ZM_039_B2_E10	ZM_039_B2_E10_T7C	
38179	ZM_039_B2_E10		ZM_039_B2_E10_MR
38180	ZM_039_B2_E11	ZM_039_B2_E11_T7C	
38181	ZM_039_B2_E11		ZM_039_B2_E11_MR
38182	ZM_039_B2_E12	ZM_039_B2_E12_T7C	
38183	ZM_039_B2_F01	ZM_039_B2_F01_T7C	
38184	ZM_039_B2_F01		ZM_039_B2_F01_MR
38185	ZM_039_B2_F02	ZM_039_B2_F02_T7C	
38186	ZM_039_B2_F02		ZM_039_B2_F02_MR
38187	ZM_039_B2_F03	ZM_039_B2_F03_T7C	
38188	ZM_039_B2_F03		ZM_039_B2_F03_MR
38189	ZM_039_B2_F04	ZM_039_B2_F04_T7C	
38190	ZM_039_B2_F05	ZM_039_B2_F05_T7C	
38191	ZM_039_B2_F05		ZM_039_B2_F05_MR
38192	ZM_039_B2_F06	ZM_039_B2_F06_T7C	
38193	ZM_039_B2_F06		ZM_039_B2_F06_MR
38194	ZM_039_B2_F07	ZM_039_B2_F07_T7C	
38195	ZM_039_B2_F07		ZM_039_B2_F07_MR
38196	ZM_039_B2_F08	ZM_039_B2_F08_T7C	
38197	ZM_039_B2_F09	ZM_039_B2_F09_T7C	
38198	ZM_039_B2_F10	ZM_039_B2_F10_T7C	
38199	ZM_039_B2_F10		ZM_039_B2_F10_MR
38200	ZM_039_B2_F11	ZM_039_B2_F11_T7C	
38201	ZM_039_B2_F11		ZM_039_B2_F11_MR
38202	ZM_039_B2_F12	ZM_039_B2_F12_T7C	
38203	ZM_039_B2_F12		ZM_039_B2_F12_MR
38204	ZM_039_B2_G01	ZM_039_B2_G01_T7C	
38205	ZM_039_B2_G01		ZM_039_B2_G01_MR
38206	ZM_039_B2_G02	ZM_039_B2_G02_T7C	
38207	ZM_039_B2_G02		ZM_039_B2_G02_MR
38208	ZM_039_B2_G03	ZM_039_B2_G03_T7C	
38209	ZM_039_B2_G03		ZM_039_B2_G03_MR
38210	ZM_039_B2_G04	ZM_039_B2_G04_T7C	
38211	ZM_039_B2_G04		ZM_039_B2_G04_MR
38212	ZM_039_B2_G05	ZM_039_B2_G05_T7C	
38213	ZM_039_B2_G05		ZM_039_B2_G05_MR
38214	ZM_039_B2_G06	ZM_039_B2_G06_T7C	
38215	ZM_039_B2_G06		ZM_039_B2_G06_MR
38216	ZM_039_B2_G07		ZM_039_B2_G07_MR
38217	ZM_039_B2_G08	ZM_039_B2_G08_T7C	
38218	ZM_039_B2_G08		ZM_039_B2_G08_MR
38219	ZM_039_B2_G09	ZM_039_B2_G09_T7C	
38220	ZM_039_B2_G09		ZM_039_B2_G09_MR
38221	ZM_039_B2_G10	ZM_039_B2_G10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38222	ZM_039_B2_G10		ZM_039_B2_G10_MR
38223	ZM_039_B2_G11	ZM_039_B2_G11_T7C	
38224	ZM_039_B2_G11		ZM_039_B2_G11_MR
38225	ZM_039_B2_G12		ZM_039_B2_G12_MR
38226	ZM_039_B2_H01	ZM_039_B2_H01_T7C	
38227	ZM_039_B2_H01		ZM_039_B2_H01_MR
38228	ZM_039_B2_H03	ZM_039_B2_H03_T7C	
38229	ZM_039_B2_H03		ZM_039_B2_H03_MR
38230	ZM_039_B2_H04	ZM_039_B2_H04_T7C	
38231	ZM_039_B2_H04		ZM_039_B2_H04_MR
38232	ZM_039_B2_H05	ZM_039_B2_H05_T7C	
38233	ZM_039_B2_H05		ZM_039_B2_H05_MR
38234	ZM_039_B2_H06	ZM_039_B2_H06_T7C	
38235	ZM_039_B2_H06		ZM_039_B2_H06_MR
38236	ZM_039_B2_H07	ZM_039_B2_H07_T7C	
38237	ZM_039_B2_H07		ZM_039_B2_H07_MR
38238	ZM_039_B2_H08	ZM_039_B2_H08_T7C	
38239	ZM_039_B2_H08		ZM_039_B2_H08_MR
38240	ZM_039_B2_H09	ZM_039_B2_H09_T7C	
38241	ZM_039_B2_H09		ZM_039_B2_H09_MR
38242	ZM_039_B2_H10	ZM_039_B2_H10_T7C	
38243	ZM_039_B2_H10		ZM_039_B2_H10_MR
38244	ZM_039_B2_H11	ZM_039_B2_H11_T7C	
38245	ZM_039_B2_H11		ZM_039_B2_H11_MR
38246	ZM_039_B2_H12	ZM_039_B2_H12_T7C	
38247	ZM_039_B2_H12		ZM_039_B2_H12_MR
38248	ZM_040_A1_A01	ZM_040_A1_A01_T7C	
38249	ZM_040_A1_A02	ZM_040_A1_A02_T7C	
38250	ZM_040_A1_A03	ZM_040_A1_A03_T7C	
38251	ZM_040_A1_A03		ZM_040_A1_A03_MR
38252	ZM_040_A1_A04	ZM_040_A1_A04_T7C	
38253	ZM_040_A1_A05	ZM_040_A1_A05_T7C	
38254	ZM_040_A1_A05		ZM_040_A1_A05_MR
38255	ZM_040_A1_A06	ZM_040_A1_A06_T7C	
38256	ZM_040_A1_A06		ZM_040_A1_A06_MR
38257	ZM_040_A1_A07	ZM_040_A1_A07_T7C	
38258	ZM_040_A1_A08		ZM_040_A1_A08_MR
38259	ZM_040_A1_A09	ZM_040_A1_A09_T7C	
38260	ZM_040_A1_A10	ZM_040_A1_A10_T7C	
38261	ZM_040_A1_A11	ZM_040_A1_A11_T7C	
38262	ZM_040_A1_A11		ZM_040_A1_A11_MR
38263	ZM_040_A1_A12	ZM_040_A1_A12_T7C	
38264	ZM_040_A1_A12		ZM_040_A1_A12_MR
38265	ZM_040_A1_B02	ZM_040_A1_B02_T7C	
38266	ZM_040_A1_B02		ZM_040_A1_B02_MR
38267	ZM_040_A1_B04	ZM_040_A1_B04_T7C	
38268	ZM_040_A1_B05	ZM_040_A1_B05_T7C	
38269	ZM_040_A1_B06	ZM_040_A1_B06_T7C	
38270	ZM_040_A1_B07	ZM_040_A1_B07_T7C	
38271	ZM_040_A1_B08		ZM_040_A1_B08_MR
38272	ZM_040_A1_B09	ZM_040_A1_B09_T7C	
38273	ZM_040_A1_B09		ZM_040_A1_B09_MR
38274	ZM_040_A1_B10	ZM_040_A1_B10_T7C	
38275	ZM_040_A1_B10		ZM_040_A1_B10_MR
38276	ZM_040_A1_B11	ZM_040_A1_B11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38277	ZM_040_A1_B12	ZM_040_A1_B12_T7C	
38278	ZM_040_A1_C01	ZM_040_A1_C01_T7C	
38279	ZM_040_A1_C02	ZM_040_A1_C02_T7C	
38280	ZM_040_A1_C02		ZM_040_A1_C02_MR
38281	ZM_040_A1_C03	ZM_040_A1_C03_T7C	
38282	ZM_040_A1_C04	ZM_040_A1_C04_T7C	
38283	ZM_040_A1_C05	ZM_040_A1_C05_T7C	
38284	ZM_040_A1_C06	ZM_040_A1_C06_T7C	
38285	ZM_040_A1_C07	ZM_040_A1_C07_T7C	
38286	ZM_040_A1_C08	ZM_040_A1_C08_T7C	
38287	ZM_040_A1_C09	ZM_040_A1_C09_T7C	
38288	ZM_040_A1_C10	ZM_040_A1_C10_T7C	
38289	ZM_040_A1_C11	ZM_040_A1_C11_T7C	
38290	ZM_040_A1_C11		ZM_040_A1_C11_MR
38291	ZM_040_A1_C12	ZM_040_A1_C12_T7C	
38292	ZM_040_A1_D01	ZM_040_A1_D01_T7C	
38293	ZM_040_A1_D02	ZM_040_A1_D02_T7C	
38294	ZM_040_A1_D02		ZM_040_A1_D02_MR
38295	ZM_040_A1_D04	ZM_040_A1_D04_T7C	
38296	ZM_040_A1_D05	ZM_040_A1_D05_T7C	
38297	ZM_040_A1_D06	ZM_040_A1_D06_T7C	
38298	ZM_040_A1_D07	ZM_040_A1_D07_T7C	
38299	ZM_040_A1_D08	ZM_040_A1_D08_T7C	
38300	ZM_040_A1_D09	ZM_040_A1_D09_T7C	
38301	ZM_040_A1_D09		ZM_040_A1_D09_MR
38302	ZM_040_A1_D10	ZM_040_A1_D10_T7C	
38303	ZM_040_A1_D11	ZM_040_A1_D11_T7C	
38304	ZM_040_A1_D12	ZM_040_A1_D12_T7C	
38305	ZM_040_A1_E01	ZM_040_A1_E01_T7C	
38306	ZM_040_A1_E01		ZM_040_A1_E01_MR
38307	ZM_040_A1_E02	ZM_040_A1_E02_T7C	
38308	ZM_040_A1_E02		ZM_040_A1_E02_MR
38309	ZM_040_A1_E03	ZM_040_A1_E03_T7C	
38310	ZM_040_A1_E03		ZM_040_A1_E03_MR
38311	ZM_040_A1_E04	ZM_040_A1_E04_T7C	
38312	ZM_040_A1_E06	ZM_040_A1_E06_T7C	
38313	ZM_040_A1_E07	ZM_040_A1_E07_T7C	
38314	ZM_040_A1_E08	ZM_040_A1_E08_T7C	
38315	ZM_040_A1_E09	ZM_040_A1_E09_T7C	
38316	ZM_040_A1_E10	ZM_040_A1_E10_T7C	
38317	ZM_040_A1_E12	ZM_040_A1_E12_T7C	
38318	ZM_040_A1_F01	ZM_040_A1_F01_T7C	
38319	ZM_040_A1_F01		ZM_040_A1_F01_MR
38320	ZM_040_A1_F02	ZM_040_A1_F02_T7C	
38321	ZM_040_A1_F02		ZM_040_A1_F02_MR
38322	ZM_040_A1_F03	ZM_040_A1_F03_T7C	
38323	ZM_040_A1_F03		ZM_040_A1_F03_MR
38324	ZM_040_A1_F04	ZM_040_A1_F04_T7C	
38325	ZM_040_A1_F05	ZM_040_A1_F05_T7C	
38326	ZM_040_A1_F05		ZM_040_A1_F05_MR
38327	ZM_040_A1_F06	ZM_040_A1_F06_T7C	
38328	ZM_040_A1_F07	ZM_040_A1_F07_T7C	
38329	ZM_040_A1_F08	ZM_040_A1_F08_T7C	
38330	ZM_040_A1_F09	ZM_040_A1_F09_T7C	
38331	ZM_040_A1_F10	ZM_040_A1_F10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38332	ZM_040_A1_F12	ZM_040_A1_F12_T7C	
38333	ZM_040_A1_F12		ZM_040_A1_F12_MR
38334	ZM_040_A1_G01		ZM_040_A1_G01_MR
38335	ZM_040_A1_G02	ZM_040_A1_G02_T7C	
38336	ZM_040_A1_G02		ZM_040_A1_G02_MR
38337	ZM_040_A1_G03	ZM_040_A1_G03_T7C	
38338	ZM_040_A1_G04	ZM_040_A1_G04_T7C	
38339	ZM_040_A1_G05	ZM_040_A1_G05_T7C	
38340	ZM_040_A1_G06	ZM_040_A1_G06_T7C	
38341	ZM_040_A1_G07	ZM_040_A1_G07_T7C	
38342	ZM_040_A1_G08	ZM_040_A1_G08_T7C	
38343	ZM_040_A1_G08		ZM_040_A1_G08_MR
38344	ZM_040_A1_G09	ZM_040_A1_G09_T7C	
38345	ZM_040_A1_G12	ZM_040_A1_G12_T7C	
38346	ZM_040_A1_H01		ZM_040_A1_H01_MR
38347	ZM_040_A1_H02	ZM_040_A1_H02_T7C	
38348	ZM_040_A1_H02		ZM_040_A1_H02_MR
38349	ZM_040_A1_H03	ZM_040_A1_H03_T7C	
38350	ZM_040_A1_H04	ZM_040_A1_H04_T7C	
38351	ZM_040_A1_H05	ZM_040_A1_H05_T7C	
38352	ZM_040_A1_H06		ZM_040_A1_H06_MR
38353	ZM_040_A1_H07	ZM_040_A1_H07_T7C	
38354	ZM_040_A1_H08	ZM_040_A1_H08_T7C	
38355	ZM_040_A1_H08		ZM_040_A1_H08_MR
38356	ZM_040_A1_H09	ZM_040_A1_H09_T7C	
38357	ZM_040_A1_H10	ZM_040_A1_H10_T7C	
38358	ZM_040_A1_H10		ZM_040_A1_H10_MR
38359	ZM_040_A1_H12	ZM_040_A1_H12_T7C	
38360	ZM_040_A2_A01	ZM_040_A2_A01_T7C	
38361	ZM_040_A2_A01		ZM_040_A2_A01_MR
38362	ZM_040_A2_A02	ZM_040_A2_A02_T7C	
38363	ZM_040_A2_A02		ZM_040_A2_A02_MR
38364	ZM_040_A2_A03	ZM_040_A2_A03_T7C	
38365	ZM_040_A2_A03		ZM_040_A2_A03_MR
38366	ZM_040_A2_A04	ZM_040_A2_A04_T7C	
38367	ZM_040_A2_A04		ZM_040_A2_A04_MR
38368	ZM_040_A2_A05	ZM_040_A2_A05_T7C	
38369	ZM_040_A2_A05		ZM_040_A2_A05_MR
38370	ZM_040_A2_A06	ZM_040_A2_A06_T7C	
38371	ZM_040_A2_A06		ZM_040_A2_A06_MR
38372	ZM_040_A2_A07	ZM_040_A2_A07_T7C	
38373	ZM_040_A2_A07		ZM_040_A2_A07_MR
38374	ZM_040_A2_A08	ZM_040_A2_A08_T7C	
38375	ZM_040_A2_A08		ZM_040_A2_A08_MR
38376	ZM_040_A2_A10	ZM_040_A2_A10_T7C	
38377	ZM_040_A2_A11	ZM_040_A2_A11_T7C	
38378	ZM_040_A2_A11		ZM_040_A2_A11_MR
38379	ZM_040_A2_A12	ZM_040_A2_A12_T7C	
38380	ZM_040_A2_A12		ZM_040_A2_A12_MR
38381	ZM_040_A2_B01	ZM_040_A2_B01_T7C	
38382	ZM_040_A2_B01		ZM_040_A2_B01_MR
38383	ZM_040_A2_B02	ZM_040_A2_B02_T7C	
38384	ZM_040_A2_B02		ZM_040_A2_B02_MR
38385	ZM_040_A2_B03	ZM_040_A2_B03_T7C	
38386	ZM_040_A2_B03		ZM_040_A2_B03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38387	ZM_040_A2_B04	ZM_040_A2_B04_T7C	
38388	ZM_040_A2_B04		ZM_040_A2_B04_MR
38389	ZM_040_A2_B05	ZM_040_A2_B05_T7C	
38390	ZM_040_A2_B05		ZM_040_A2_B05_MR
38391	ZM_040_A2_B06	ZM_040_A2_B06_T7C	
38392	ZM_040_A2_B06		ZM_040_A2_B06_MR
38393	ZM_040_A2_B07	ZM_040_A2_B07_T7C	
38394	ZM_040_A2_B07		ZM_040_A2_B07_MR
38395	ZM_040_A2_B08	ZM_040_A2_B08_T7C	
38396	ZM_040_A2_B08		ZM_040_A2_B08_MR
38397	ZM_040_A2_B10	ZM_040_A2_B10_T7C	
38398	ZM_040_A2_B10		ZM_040_A2_B10_MR
38399	ZM_040_A2_B11	ZM_040_A2_B11_T7C	
38400	ZM_040_A2_B11		ZM_040_A2_B11_MR
38401	ZM_040_A2_B12	ZM_040_A2_B12_T7C	
38402	ZM_040_A2_B12		ZM_040_A2_B12_MR
38403	ZM_040_A2_C01		ZM_040_A2_C01_MR
38404	ZM_040_A2_C02		ZM_040_A2_C02_MR
38405	ZM_040_A2_C03	ZM_040_A2_C03_T7C	
38406	ZM_040_A2_C03		ZM_040_A2_C03_MR
38407	ZM_040_A2_C04	ZM_040_A2_C04_T7C	
38408	ZM_040_A2_C04		ZM_040_A2_C04_MR
38409	ZM_040_A2_C05	ZM_040_A2_C05_T7C	
38410	ZM_040_A2_C05		ZM_040_A2_C05_MR
38411	ZM_040_A2_C06	ZM_040_A2_C06_T7C	
38412	ZM_040_A2_C06		ZM_040_A2_C06_MR
38413	ZM_040_A2_C07	ZM_040_A2_C07_T7C	
38414	ZM_040_A2_C07		ZM_040_A2_C07_MR
38415	ZM_040_A2_C08	ZM_040_A2_C08_T7C	
38416	ZM_040_A2_C10	ZM_040_A2_C10_T7C	
38417	ZM_040_A2_C10		ZM_040_A2_C10_MR
38418	ZM_040_A2_C11	ZM_040_A2_C11_T7C	
38419	ZM_040_A2_C11		ZM_040_A2_C11_MR
38420	ZM_040_A2_C12	ZM_040_A2_C12_T7C	
38421	ZM_040_A2_C12		ZM_040_A2_C12_MR
38422	ZM_040_A2_D01		ZM_040_A2_D01_MR
38423	ZM_040_A2_D02	ZM_040_A2_D02_T7C	
38424	ZM_040_A2_D02		ZM_040_A2_D02_MR
38425	ZM_040_A2_D03	ZM_040_A2_D03_T7C	
38426	ZM_040_A2_D03		ZM_040_A2_D03_MR
38427	ZM_040_A2_D04	ZM_040_A2_D04_T7C	
38428	ZM_040_A2_D04		ZM_040_A2_D04_MR
38429	ZM_040_A2_D05	ZM_040_A2_D05_T7C	
38430	ZM_040_A2_D05		ZM_040_A2_D05_MR
38431	ZM_040_A2_D06	ZM_040_A2_D06_T7C	
38432	ZM_040_A2_D06		ZM_040_A2_D06_MR
38433	ZM_040_A2_D07	ZM_040_A2_D07_T7C	
38434	ZM_040_A2_D07		ZM_040_A2_D07_MR
38435	ZM_040_A2_D08	ZM_040_A2_D08_T7C	
38436	ZM_040_A2_D08		ZM_040_A2_D08_MR
38437	ZM_040_A2_D10	ZM_040_A2_D10_T7C	
38438	ZM_040_A2_D10		ZM_040_A2_D10_MR
38439	ZM_040_A2_D11	ZM_040_A2_D11_T7C	
38440	ZM_040_A2_D11		ZM_040_A2_D11_MR
38441	ZM_040_A2_D12	ZM_040_A2_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38442	ZM_040_A2_D12		ZM_040_A2_D12_MR
38443	ZM_040_A2_E01	ZM_040_A2_E01_T7C	
38444	ZM_040_A2_E01		ZM_040_A2_E01_MR
38445	ZM_040_A2_E02	ZM_040_A2_E02_T7C	
38446	ZM_040_A2_E02		ZM_040_A2_E02_MR
38447	ZM_040_A2_E03	ZM_040_A2_E03_T7C	
38448	ZM_040_A2_E03		ZM_040_A2_E03_MR
38449	ZM_040_A2_E04	ZM_040_A2_E04_T7C	
38450	ZM_040_A2_E04		ZM_040_A2_E04_MR
38451	ZM_040_A2_E05		ZM_040_A2_E05_MR
38452	ZM_040_A2_E06	ZM_040_A2_E06_T7C	
38453	ZM_040_A2_E06		ZM_040_A2_E06_MR
38454	ZM_040_A2_E07	ZM_040_A2_E07_T7C	
38455	ZM_040_A2_E07		ZM_040_A2_E07_MR
38456	ZM_040_A2_E08	ZM_040_A2_E08_T7C	
38457	ZM_040_A2_E08		ZM_040_A2_E08_MR
38458	ZM_040_A2_E10	ZM_040_A2_E10_T7C	
38459	ZM_040_A2_E10		ZM_040_A2_E10_MR
38460	ZM_040_A2_E11	ZM_040_A2_E11_T7C	
38461	ZM_040_A2_E11		ZM_040_A2_E11_MR
38462	ZM_040_A2_E12		ZM_040_A2_E12_MR
38463	ZM_040_A2_F01	ZM_040_A2_F01_T7C	
38464	ZM_040_A2_F02	ZM_040_A2_F02_T7C	
38465	ZM_040_A2_F02		ZM_040_A2_F02_MR
38466	ZM_040_A2_F03	ZM_040_A2_F03_T7C	
38467	ZM_040_A2_F03		ZM_040_A2_F03_MR
38468	ZM_040_A2_F04	ZM_040_A2_F04_T7C	
38469	ZM_040_A2_F04		ZM_040_A2_F04_MR
38470	ZM_040_A2_F05	ZM_040_A2_F05_T7C	
38471	ZM_040_A2_F05		ZM_040_A2_F05_MR
38472	ZM_040_A2_F07	ZM_040_A2_F07_T7C	
38473	ZM_040_A2_F07		ZM_040_A2_F07_MR
38474	ZM_040_A2_F08	ZM_040_A2_F08_T7C	
38475	ZM_040_A2_F08		ZM_040_A2_F08_MR
38476	ZM_040_A2_F10	ZM_040_A2_F10_T7C	
38477	ZM_040_A2_F10		ZM_040_A2_F10_MR
38478	ZM_040_A2_F11	ZM_040_A2_F11_T7C	
38479	ZM_040_A2_F11		ZM_040_A2_F11_MR
38480	ZM_040_A2_F12	ZM_040_A2_F12_T7C	
38481	ZM_040_A2_F12		ZM_040_A2_F12_MR
38482	ZM_040_A2_G01	ZM_040_A2_G01_T7C	
38483	ZM_040_A2_G01		ZM_040_A2_G01_MR
38484	ZM_040_A2_G02		ZM_040_A2_G02_MR
38485	ZM_040_A2_G03	ZM_040_A2_G03_T7C	
38486	ZM_040_A2_G03		ZM_040_A2_G03_MR
38487	ZM_040_A2_G04	ZM_040_A2_G04_T7C	
38488	ZM_040_A2_G04		ZM_040_A2_G04_MR
38489	ZM_040_A2_G05	ZM_040_A2_G05_T7C	
38490	ZM_040_A2_G05		ZM_040_A2_G05_MR
38491	ZM_040_A2_G06	ZM_040_A2_G06_T7C	
38492	ZM_040_A2_G06		ZM_040_A2_G06_MR
38493	ZM_040_A2_G07	ZM_040_A2_G07_T7C	
38494	ZM_040_A2_G07		ZM_040_A2_G07_MR
38495	ZM_040_A2_G08	ZM_040_A2_G08_T7C	
38496	ZM_040_A2_G08		ZM_040_A2_G08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38497	ZM_040_A2_G10	ZM_040_A2_G10_T7C	
38498	ZM_040_A2_G10		ZM_040_A2_G10_MR
38499	ZM_040_A2_G11	ZM_040_A2_G11_T7C	
38500	ZM_040_A2_G12	ZM_040_A2_G12_T7C	
38501	ZM_040_A2_G12		ZM_040_A2_G12_MR
38502	ZM_040_A2_H01		ZM_040_A2_H01_MR
38503	ZM_040_A2_H02	ZM_040_A2_H02_T7C	
38504	ZM_040_A2_H02		ZM_040_A2_H02_MR
38505	ZM_040_A2_H03	ZM_040_A2_H03_T7C	
38506	ZM_040_A2_H03		ZM_040_A2_H03_MR
38507	ZM_040_A2_H06	ZM_040_A2_H06_T7C	
38508	ZM_040_A2_H07	ZM_040_A2_H07_T7C	
38509	ZM_040_A2_H07		ZM_040_A2_H07_MR
38510	ZM_040_A2_H08		ZM_040_A2_H08_MR
38511	ZM_040_A2_H11	ZM_040_A2_H11_T7C	
38512	ZM_040_A2_H11		ZM_040_A2_H11_MR
38513	ZM_040_A2_H12	ZM_040_A2_H12_T7C	
38514	ZM_040_A2_H12		ZM_040_A2_H12_MR
38515	ZM_040_B1_A01	ZM_040_B1_A01_T7C	
38516	ZM_040_B1_A01		ZM_040_B1_A01_MR
38517	ZM_040_B1_A02	ZM_040_B1_A02_T7C	
38518	ZM_040_B1_A02		ZM_040_B1_A02_MR
38519	ZM_040_B1_A03	ZM_040_B1_A03_T7C	
38520	ZM_040_B1_A03		ZM_040_B1_A03_MR
38521	ZM_040_B1_A04	ZM_040_B1_A04_T7C	
38522	ZM_040_B1_A04		ZM_040_B1_A04_MR
38523	ZM_040_B1_A05	ZM_040_B1_A05_T7C	
38524	ZM_040_B1_A05		ZM_040_B1_A05_MR
38525	ZM_040_B1_A06		ZM_040_B1_A06_MR
38526	ZM_040_B1_A07		ZM_040_B1_A07_MR
38527	ZM_040_B1_A08	ZM_040_B1_A08_T7C	
38528	ZM_040_B1_A08		ZM_040_B1_A08_MR
38529	ZM_040_B1_A09	ZM_040_B1_A09_T7C	
38530	ZM_040_B1_A10	ZM_040_B1_A10_T7C	
38531	ZM_040_B1_A10		ZM_040_B1_A10_MR
38532	ZM_040_B1_A11		ZM_040_B1_A11_MR
38533	ZM_040_B1_A12		ZM_040_B1_A12_MR
38534	ZM_040_B1_B01		ZM_040_B1_B01_MR
38535	ZM_040_B1_B02	ZM_040_B1_B02_T7C	
38536	ZM_040_B1_B02		ZM_040_B1_B02_MR
38537	ZM_040_B1_B03	ZM_040_B1_B03_T7C	
38538	ZM_040_B1_B03		ZM_040_B1_B03_MR
38539	ZM_040_B1_B04	ZM_040_B1_B04_T7C	
38540	ZM_040_B1_B04		ZM_040_B1_B04_MR
38541	ZM_040_B1_B05	ZM_040_B1_B05_T7C	
38542	ZM_040_B1_B05		ZM_040_B1_B05_MR
38543	ZM_040_B1_B06	ZM_040_B1_B06_T7C	
38544	ZM_040_B1_B07	ZM_040_B1_B07_T7C	
38545	ZM_040_B1_B07		ZM_040_B1_B07_MR
38546	ZM_040_B1_B08	ZM_040_B1_B08_T7C	
38547	ZM_040_B1_B08		ZM_040_B1_B08_MR
38548	ZM_040_B1_B09		ZM_040_B1_B09_MR
38549	ZM_040_B1_B10	ZM_040_B1_B10_T7C	
38550	ZM_040_B1_B10		ZM_040_B1_B10_MR
38551	ZM_040_B1_B11		ZM_040_B1_B11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38552	ZM_040_B1_B12	ZM_040_B1_B12_T7C	
38553	ZM_040_B1_C02	ZM_040_B1_C02_T7C	
38554	ZM_040_B1_C02		ZM_040_B1_C02_MR
38555	ZM_040_B1_C03	ZM_040_B1_C03_T7C	
38556	ZM_040_B1_C03		ZM_040_B1_C03_MR
38557	ZM_040_B1_C04	ZM_040_B1_C04_T7C	
38558	ZM_040_B1_C04		ZM_040_B1_C04_MR
38559	ZM_040_B1_C05	ZM_040_B1_C05_T7C	
38560	ZM_040_B1_C05		ZM_040_B1_C05_MR
38561	ZM_040_B1_C06	ZM_040_B1_C06_T7C	
38562	ZM_040_B1_C07		ZM_040_B1_C07_MR
38563	ZM_040_B1_C08	ZM_040_B1_C08_T7C	
38564	ZM_040_B1_C08		ZM_040_B1_C08_MR
38565	ZM_040_B1_C09	ZM_040_B1_C09_T7C	
38566	ZM_040_B1_C09		ZM_040_B1_C09_MR
38567	ZM_040_B1_C10	ZM_040_B1_C10_T7C	
38568	ZM_040_B1_C10		ZM_040_B1_C10_MR
38569	ZM_040_B1_C11		ZM_040_B1_C11_MR
38570	ZM_040_B1_C12	ZM_040_B1_C12_T7C	
38571	ZM_040_B1_C12		ZM_040_B1_C12_MR
38572	ZM_040_B1_D01	ZM_040_B1_D01_T7C	
38573	ZM_040_B1_D01		ZM_040_B1_D01_MR
38574	ZM_040_B1_D02	ZM_040_B1_D02_T7C	
38575	ZM_040_B1_D02		ZM_040_B1_D02_MR
38576	ZM_040_B1_D03	ZM_040_B1_D03_T7C	
38577	ZM_040_B1_D03		ZM_040_B1_D03_MR
38578	ZM_040_B1_D04	ZM_040_B1_D04_T7C	
38579	ZM_040_B1_D04		ZM_040_B1_D04_MR
38580	ZM_040_B1_D05	ZM_040_B1_D05_T7C	
38581	ZM_040_B1_D05		ZM_040_B1_D05_MR
38582	ZM_040_B1_D06	ZM_040_B1_D06_T7C	
38583	ZM_040_B1_D06		ZM_040_B1_D06_MR
38584	ZM_040_B1_D07		ZM_040_B1_D07_MR
38585	ZM_040_B1_D08	ZM_040_B1_D08_T7C	
38586	ZM_040_B1_D08		ZM_040_B1_D08_MR
38587	ZM_040_B1_D09	ZM_040_B1_D09_T7C	
38588	ZM_040_B1_D09		ZM_040_B1_D09_MR
38589	ZM_040_B1_D10	ZM_040_B1_D10_T7C	
38590	ZM_040_B1_D10		ZM_040_B1_D10_MR
38591	ZM_040_B1_D11		ZM_040_B1_D11_MR
38592	ZM_040_B1_D12	ZM_040_B1_D12_T7C	
38593	ZM_040_B1_D12		ZM_040_B1_D12_MR
38594	ZM_040_B1_E01		ZM_040_B1_E01_MR
38595	ZM_040_B1_E02	ZM_040_B1_E02_T7C	
38596	ZM_040_B1_E03	ZM_040_B1_E03_T7C	
38597	ZM_040_B1_E03		ZM_040_B1_E03_MR
38598	ZM_040_B1_E04	ZM_040_B1_E04_T7C	
38599	ZM_040_B1_E05	ZM_040_B1_E05_T7C	
38600	ZM_040_B1_E05		ZM_040_B1_E05_MR
38601	ZM_040_B1_E10	ZM_040_B1_E10_T7C	
38602	ZM_040_B1_E10		ZM_040_B1_E10_MR
38603	ZM_040_B1_E11		ZM_040_B1_E11_MR
38604	ZM_040_B1_E12	ZM_040_B1_E12_T7C	
38605	ZM_040_B1_F01		ZM_040_B1_F01_MR
38606	ZM_040_B1_F02	ZM_040_B1_F02_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38607	ZM_040_B1_F03	ZM_040_B1_F03_T7C	
38608	ZM_040_B1_F03		ZM_040_B1_F03_MR
38609	ZM_040_B1_F04	ZM_040_B1_F04_T7C	
38610	ZM_040_B1_F04		ZM_040_B1_F04_MR
38611	ZM_040_B1_F05	ZM_040_B1_F05_T7C	
38612	ZM_040_B1_F05		ZM_040_B1_F05_MR
38613	ZM_040_B1_F07	ZM_040_B1_F07_T7C	
38614	ZM_040_B1_F07		ZM_040_B1_F07_MR
38615	ZM_040_B1_F09	ZM_040_B1_F09_T7C	
38616	ZM_040_B1_F09		ZM_040_B1_F09_MR
38617	ZM_040_B1_F10	ZM_040_B1_F10_T7C	
38618	ZM_040_B1_F10		ZM_040_B1_F10_MR
38619	ZM_040_B1_G01		ZM_040_B1_G01_MR
38620	ZM_040_B1_G02		ZM_040_B1_G02_MR
38621	ZM_040_B1_G03		ZM_040_B1_G03_MR
38622	ZM_040_B1_G04	ZM_040_B1_G04_T7C	
38623	ZM_040_B1_G04		ZM_040_B1_G04_MR
38624	ZM_040_B1_G05	ZM_040_B1_G05_T7C	
38625	ZM_040_B1_G05		ZM_040_B1_G05_MR
38626	ZM_040_B1_G06		ZM_040_B1_G06_MR
38627	ZM_040_B1_G07		ZM_040_B1_G07_MR
38628	ZM_040_B1_G08	ZM_040_B1_G08_T7C	
38629	ZM_040_B1_G09		ZM_040_B1_G09_MR
38630	ZM_040_B1_G10	ZM_040_B1_G10_T7C	
38631	ZM_040_B1_G10		ZM_040_B1_G10_MR
38632	ZM_040_B1_G11	ZM_040_B1_G11_T7C	
38633	ZM_040_B1_G11		ZM_040_B1_G11_MR
38634	ZM_040_B1_G12		ZM_040_B1_G12_MR
38635	ZM_040_B1_H01	ZM_040_B1_H01_T7C	
38636	ZM_040_B1_H01		ZM_040_B1_H01_MR
38637	ZM_040_B1_H02	ZM_040_B1_H02_T7C	
38638	ZM_040_B1_H03		ZM_040_B1_H03_MR
38639	ZM_040_B1_H04	ZM_040_B1_H04_T7C	
38640	ZM_040_B1_H04		ZM_040_B1_H04_MR
38641	ZM_040_B1_H05	ZM_040_B1_H05_T7C	
38642	ZM_040_B1_H06	ZM_040_B1_H06_T7C	
38643	ZM_040_B1_H06		ZM_040_B1_H06_MR
38644	ZM_040_B1_H07	ZM_040_B1_H07_T7C	
38645	ZM_040_B1_H07		ZM_040_B1_H07_MR
38646	ZM_040_B1_H08	ZM_040_B1_H08_T7C	
38647	ZM_040_B1_H09	ZM_040_B1_H09_T7C	
38648	ZM_040_B1_H09		ZM_040_B1_H09_MR
38649	ZM_040_B1_H10	ZM_040_B1_H10_T7C	
38650	ZM_040_B1_H10		ZM_040_B1_H10_MR
38651	ZM_040_B1_H11	ZM_040_B1_H11_T7C	
38652	ZM_040_B1_H11		ZM_040_B1_H11_MR
38653	ZM_040_B1_H12	ZM_040_B1_H12_T7C	
38654	ZM_040_B1_H12		ZM_040_B1_H12_MR
38655	ZM_040_B2_A03	ZM_040_B2_A03_T7C	
38656	ZM_040_B2_A10	ZM_040_B2_A10_T7C	
38657	ZM_040_B2_B01	ZM_040_B2_B01_T7C	
38658	ZM_040_B2_B02	ZM_040_B2_B02_T7C	
38659	ZM_040_B2_B06	ZM_040_B2_B06_T7C	
38660	ZM_040_B2_B07	ZM_040_B2_B07_T7C	
38661	ZM_040_B2_B08	ZM_040_B2_B08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38662	ZM_040_B2_B10	ZM_040_B2_B10_T7C	
38663	ZM_040_B2_B11	ZM_040_B2_B11_T7C	
38664	ZM_040_B2_B12	ZM_040_B2_B12_T7C	
38665	ZM_040_B2_C01	ZM_040_B2_C01_T7C	
38666	ZM_040_B2_C03	ZM_040_B2_C03_T7C	
38667	ZM_040_B2_C04	ZM_040_B2_C04_T7C	
38668	ZM_040_B2_C07	ZM_040_B2_C07_T7C	
38669	ZM_040_B2_C08	ZM_040_B2_C08_T7C	
38670	ZM_040_B2_C09	ZM_040_B2_C09_T7C	
38671	ZM_040_B2_C10	ZM_040_B2_C10_T7C	
38672	ZM_040_B2_C11	ZM_040_B2_C11_T7C	
38673	ZM_040_B2_C12	ZM_040_B2_C12_T7C	
38674	ZM_040_B2_D01	ZM_040_B2_D01_T7C	
38675	ZM_040_B2_D02	ZM_040_B2_D02_T7C	
38676	ZM_040_B2_D03	ZM_040_B2_D03_T7C	
38677	ZM_040_B2_D04	ZM_040_B2_D04_T7C	
38678	ZM_040_B2_D05	ZM_040_B2_D05_T7C	
38679	ZM_040_B2_D07	ZM_040_B2_D07_T7C	
38680	ZM_040_B2_D09	ZM_040_B2_D09_T7C	
38681	ZM_040_B2_D10	ZM_040_B2_D10_T7C	
38682	ZM_040_B2_D11	ZM_040_B2_D11_T7C	
38683	ZM_040_B2_D12	ZM_040_B2_D12_T7C	
38684	ZM_040_B2_E11	ZM_040_B2_E11_T7C	
38685	ZM_040_B2_E12	ZM_040_B2_E12_T7C	
38686	ZM_040_B2_F04	ZM_040_B2_F04_T7C	
38687	ZM_040_B2_F07	ZM_040_B2_F07_T7C	
38688	ZM_040_B2_F09	ZM_040_B2_F09_T7C	
38689	ZM_040_B2_F10	ZM_040_B2_F10_T7C	
38690	ZM_040_B2_F11	ZM_040_B2_F11_T7C	
38691	ZM_040_B2_G01	ZM_040_B2_G01_T7C	
38692	ZM_040_B2_G02	ZM_040_B2_G02_T7C	
38693	ZM_040_B2_G03	ZM_040_B2_G03_T7C	
38694	ZM_040_B2_G04	ZM_040_B2_G04_T7C	
38695	ZM_040_B2_G05	ZM_040_B2_G05_T7C	
38696	ZM_040_B2_G06	ZM_040_B2_G06_T7C	
38697	ZM_040_B2_G07	ZM_040_B2_G07_T7C	
38698	ZM_040_B2_G08	ZM_040_B2_G08_T7C	
38699	ZM_040_B2_G09	ZM_040_B2_G09_T7C	
38700	ZM_040_B2_G10	ZM_040_B2_G10_T7C	
38701	ZM_040_B2_G11	ZM_040_B2_G11_T7C	
38702	ZM_040_B2_H01	ZM_040_B2_H01_T7C	
38703	ZM_040_B2_H02	ZM_040_B2_H02_T7C	
38704	ZM_040_B2_H03	ZM_040_B2_H03_T7C	
38705	ZM_040_B2_H04	ZM_040_B2_H04_T7C	
38706	ZM_040_B2_H05	ZM_040_B2_H05_T7C	
38707	ZM_040_B2_H06	ZM_040_B2_H06_T7C	
38708	ZM_040_B2_H07	ZM_040_B2_H07_T7C	
38709	ZM_040_B2_H08	ZM_040_B2_H08_T7C	
38710	ZM_040_B2_H09	ZM_040_B2_H09_T7C	
38711	ZM_040_B2_H10	ZM_040_B2_H10_T7C	
38712	ZM_040_B2_H11	ZM_040_B2_H11_T7C	
38713	ZM_040_B2_H12	ZM_040_B2_H12_T7C	
38714	ZM_041_A2_A01	ZM_041_A2_A01_T7C	
38715	ZM_041_A2_A01		ZM_041_A2_A01_MR
38716	ZM_041_A2_A02	ZM_041_A2_A02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38717	ZM_041_A2_A03	ZM_041_A2_A03_T7C	
38718	ZM_041_A2_A04	ZM_041_A2_A04_T7C	
38719	ZM_041_A2_A04		ZM_041_A2_A04_MR
38720	ZM_041_A2_A05	ZM_041_A2_A05_T7C	
38721	ZM_041_A2_A05		ZM_041_A2_A05_MR
38722	ZM_041_A2_A06	ZM_041_A2_A06_T7C	
38723	ZM_041_A2_A06		ZM_041_A2_A06_MR
38724	ZM_041_A2_A07	ZM_041_A2_A07_T7C	
38725	ZM_041_A2_A07		ZM_041_A2_A07_MR
38726	ZM_041_A2_A08	ZM_041_A2_A08_T7C	
38727	ZM_041_A2_A08		ZM_041_A2_A08_MR
38728	ZM_041_A2_A09	ZM_041_A2_A09_T7C	
38729	ZM_041_A2_A09		ZM_041_A2_A09_MR
38730	ZM_041_A2_A10	ZM_041_A2_A10_T7C	
38731	ZM_041_A2_A10		ZM_041_A2_A10_MR
38732	ZM_041_A2_A11	ZM_041_A2_A11_T7C	
38733	ZM_041_A2_A11		ZM_041_A2_A11_MR
38734	ZM_041_A2_A12	ZM_041_A2_A12_T7C	
38735	ZM_041_A2_A12		ZM_041_A2_A12_MR
38736	ZM_041_A2_B01	ZM_041_A2_B01_T7C	
38737	ZM_041_A2_B01		ZM_041_A2_B01_MR
38738	ZM_041_A2_B02	ZM_041_A2_B02_T7C	
38739	ZM_041_A2_B02		ZM_041_A2_B02_MR
38740	ZM_041_A2_B03	ZM_041_A2_B03_T7C	
38741	ZM_041_A2_B03		ZM_041_A2_B03_MR
38742	ZM_041_A2_B04	ZM_041_A2_B04_T7C	
38743	ZM_041_A2_B04		ZM_041_A2_B04_MR
38744	ZM_041_A2_B05	ZM_041_A2_B05_T7C	
38745	ZM_041_A2_B05		ZM_041_A2_B05_MR
38746	ZM_041_A2_B06	ZM_041_A2_B06_T7C	
38747	ZM_041_A2_B06		ZM_041_A2_B06_MR
38748	ZM_041_A2_B07	ZM_041_A2_B07_T7C	
38749	ZM_041_A2_B07		ZM_041_A2_B07_MR
38750	ZM_041_A2_B08	ZM_041_A2_B08_T7C	
38751	ZM_041_A2_B08		ZM_041_A2_B08_MR
38752	ZM_041_A2_B09	ZM_041_A2_B09_T7C	
38753	ZM_041_A2_B09		ZM_041_A2_B09_MR
38754	ZM_041_A2_B10	ZM_041_A2_B10_T7C	
38755	ZM_041_A2_B10		ZM_041_A2_B10_MR
38756	ZM_041_A2_B11	ZM_041_A2_B11_T7C	
38757	ZM_041_A2_B11		ZM_041_A2_B11_MR
38758	ZM_041_A2_C01	ZM_041_A2_C01_T7C	
38759	ZM_041_A2_C01		ZM_041_A2_C01_MR
38760	ZM_041_A2_C02	ZM_041_A2_C02_T7C	
38761	ZM_041_A2_C02		ZM_041_A2_C02_MR
38762	ZM_041_A2_C03	ZM_041_A2_C03_T7C	
38763	ZM_041_A2_C03		ZM_041_A2_C03_MR
38764	ZM_041_A2_C04	ZM_041_A2_C04_T7C	
38765	ZM_041_A2_C04		ZM_041_A2_C04_MR
38766	ZM_041_A2_C05	ZM_041_A2_C05_T7C	
38767	ZM_041_A2_C05		ZM_041_A2_C05_MR
38768	ZM_041_A2_C06	ZM_041_A2_C06_T7C	
38769	ZM_041_A2_C06		ZM_041_A2_C06_MR
38770	ZM_041_A2_C07	ZM_041_A2_C07_T7C	
38771	ZM_041_A2_C07		ZM_041_A2_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38772	ZM_041_A2_C08	ZM_041_A2_C08_T7C	
38773	ZM_041_A2_C08		ZM_041_A2_C08_MR
38774	ZM_041_A2_C09	ZM_041_A2_C09_T7C	
38775	ZM_041_A2_C09		ZM_041_A2_C09_MR
38776	ZM_041_A2_C10	ZM_041_A2_C10_T7C	
38777	ZM_041_A2_C10		ZM_041_A2_C10_MR
38778	ZM_041_A2_C11	ZM_041_A2_C11_T7C	
38779	ZM_041_A2_C11		ZM_041_A2_C11_MR
38780	ZM_041_A2_C12	ZM_041_A2_C12_T7C	
38781	ZM_041_A2_C12		ZM_041_A2_C12_MR
38782	ZM_041_A2_D01	ZM_041_A2_D01_T7C	
38783	ZM_041_A2_D01		ZM_041_A2_D01_MR
38784	ZM_041_A2_D02		ZM_041_A2_D02_MR
38785	ZM_041_A2_D03	ZM_041_A2_D03_T7C	
38786	ZM_041_A2_D03		ZM_041_A2_D03_MR
38787	ZM_041_A2_D04	ZM_041_A2_D04_T7C	
38788	ZM_041_A2_D04		ZM_041_A2_D04_MR
38789	ZM_041_A2_D05	ZM_041_A2_D05_T7C	
38790	ZM_041_A2_D05		ZM_041_A2_D05_MR
38791	ZM_041_A2_D06	ZM_041_A2_D06_T7C	
38792	ZM_041_A2_D06		ZM_041_A2_D06_MR
38793	ZM_041_A2_D08	ZM_041_A2_D08_T7C	
38794	ZM_041_A2_D08		ZM_041_A2_D08_MR
38795	ZM_041_A2_D09	ZM_041_A2_D09_T7C	
38796	ZM_041_A2_D09		ZM_041_A2_D09_MR
38797	ZM_041_A2_D10	ZM_041_A2_D10_T7C	
38798	ZM_041_A2_D10		ZM_041_A2_D10_MR
38799	ZM_041_A2_D11	ZM_041_A2_D11_T7C	
38800	ZM_041_A2_D11		ZM_041_A2_D11_MR
38801	ZM_041_A2_D12	ZM_041_A2_D12_T7C	
38802	ZM_041_A2_D12		ZM_041_A2_D12_MR
38803	ZM_041_A2_E01	ZM_041_A2_E01_T7C	
38804	ZM_041_A2_E01		ZM_041_A2_E01_MR
38805	ZM_041_A2_E02	ZM_041_A2_E02_T7C	
38806	ZM_041_A2_E02		ZM_041_A2_E02_MR
38807	ZM_041_A2_E03	ZM_041_A2_E03_T7C	
38808	ZM_041_A2_E03		ZM_041_A2_E03_MR
38809	ZM_041_A2_E04	ZM_041_A2_E04_T7C	
38810	ZM_041_A2_E04		ZM_041_A2_E04_MR
38811	ZM_041_A2_E05	ZM_041_A2_E05_T7C	
38812	ZM_041_A2_E05		ZM_041_A2_E05_MR
38813	ZM_041_A2_E06	ZM_041_A2_E06_T7C	
38814	ZM_041_A2_E06		ZM_041_A2_E06_MR
38815	ZM_041_A2_E07	ZM_041_A2_E07_T7C	
38816	ZM_041_A2_E07		ZM_041_A2_E07_MR
38817	ZM_041_A2_E08	ZM_041_A2_E08_T7C	
38818	ZM_041_A2_E09	ZM_041_A2_E09_T7C	
38819	ZM_041_A2_E09		ZM_041_A2_E09_MR
38820	ZM_041_A2_E10	ZM_041_A2_E10_T7C	
38821	ZM_041_A2_E10		ZM_041_A2_E10_MR
38822	ZM_041_A2_E11	ZM_041_A2_E11_T7C	
38823	ZM_041_A2_E11		ZM_041_A2_E11_MR
38824	ZM_041_A2_E12	ZM_041_A2_E12_T7C	
38825	ZM_041_A2_E12		ZM_041_A2_E12_MR
38826	ZM_041_A2_F01	ZM_041_A2_F01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38827	ZM_041_A2_F01		ZM_041_A2_F01_MR
38828	ZM_041_A2_F02	ZM_041_A2_F02_T7C	
38829	ZM_041_A2_F02		ZM_041_A2_F02_MR
38830	ZM_041_A2_F03	ZM_041_A2_F03_T7C	
38831	ZM_041_A2_F03		ZM_041_A2_F03_MR
38832	ZM_041_A2_F04	ZM_041_A2_F04_T7C	
38833	ZM_041_A2_F04		ZM_041_A2_F04_MR
38834	ZM_041_A2_F05	ZM_041_A2_F05_T7C	
38835	ZM_041_A2_F05		ZM_041_A2_F05_MR
38836	ZM_041_A2_F06	ZM_041_A2_F06_T7C	
38837	ZM_041_A2_F06		ZM_041_A2_F06_MR
38838	ZM_041_A2_F07	ZM_041_A2_F07_T7C	
38839	ZM_041_A2_F07		ZM_041_A2_F07_MR
38840	ZM_041_A2_F08	ZM_041_A2_F08_T7C	
38841	ZM_041_A2_F08		ZM_041_A2_F08_MR
38842	ZM_041_A2_F09	ZM_041_A2_F09_T7C	
38843	ZM_041_A2_F09		ZM_041_A2_F09_MR
38844	ZM_041_A2_F10	ZM_041_A2_F10_T7C	
38845	ZM_041_A2_F10		ZM_041_A2_F10_MR
38846	ZM_041_A2_F11	ZM_041_A2_F11_T7C	
38847	ZM_041_A2_F11		ZM_041_A2_F11_MR
38848	ZM_041_A2_F12	ZM_041_A2_F12_T7C	
38849	ZM_041_A2_F12		ZM_041_A2_F12_MR
38850	ZM_041_A2_G01	ZM_041_A2_G01_T7C	
38851	ZM_041_A2_G01		ZM_041_A2_G01_MR
38852	ZM_041_A2_G02	ZM_041_A2_G02_T7C	
38853	ZM_041_A2_G02		ZM_041_A2_G02_MR
38854	ZM_041_A2_G03	ZM_041_A2_G03_T7C	
38855	ZM_041_A2_G03		ZM_041_A2_G03_MR
38856	ZM_041_A2_G04	ZM_041_A2_G04_T7C	
38857	ZM_041_A2_G04		ZM_041_A2_G04_MR
38858	ZM_041_A2_G05	ZM_041_A2_G05_T7C	
38859	ZM_041_A2_G05		ZM_041_A2_G05_MR
38860	ZM_041_A2_G06	ZM_041_A2_G06_T7C	
38861	ZM_041_A2_G06		ZM_041_A2_G06_MR
38862	ZM_041_A2_G07	ZM_041_A2_G07_T7C	
38863	ZM_041_A2_G07		ZM_041_A2_G07_MR
38864	ZM_041_A2_G08	ZM_041_A2_G08_T7C	
38865	ZM_041_A2_G08		ZM_041_A2_G08_MR
38866	ZM_041_A2_G09	ZM_041_A2_G09_T7C	
38867	ZM_041_A2_G09		ZM_041_A2_G09_MR
38868	ZM_041_A2_G10	ZM_041_A2_G10_T7C	
38869	ZM_041_A2_G10		ZM_041_A2_G10_MR
38870	ZM_041_A2_G11	ZM_041_A2_G11_T7C	
38871	ZM_041_A2_G11		ZM_041_A2_G11_MR
38872	ZM_041_A2_G12	ZM_041_A2_G12_T7C	
38873	ZM_041_A2_G12		ZM_041_A2_G12_MR
38874	ZM_041_A2_H02	ZM_041_A2_H02_T7C	
38875	ZM_041_A2_H02		ZM_041_A2_H02_MR
38876	ZM_041_A2_H03	ZM_041_A2_H03_T7C	
38877	ZM_041_A2_H03		ZM_041_A2_H03_MR
38878	ZM_041_A2_H04	ZM_041_A2_H04_T7C	
38879	ZM_041_A2_H04		ZM_041_A2_H04_MR
38880	ZM_041_A2_H05	ZM_041_A2_H05_T7C	
38881	ZM_041_A2_H05		ZM_041_A2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38882	ZM_041_A2_H06	ZM_041_A2_H06_T7C	
38883	ZM_041_A2_H06		ZM_041_A2_H06_MR
38884	ZM_041_A2_H07	ZM_041_A2_H07_T7C	
38885	ZM_041_A2_H07		ZM_041_A2_H07_MR
38886	ZM_041_A2_H08	ZM_041_A2_H08_T7C	
38887	ZM_041_A2_H08		ZM_041_A2_H08_MR
38888	ZM_041_A2_H09	ZM_041_A2_H09_T7C	
38889	ZM_041_A2_H09		ZM_041_A2_H09_MR
38890	ZM_041_A2_H10	ZM_041_A2_H10_T7C	
38891	ZM_041_A2_H10		ZM_041_A2_H10_MR
38892	ZM_041_A2_H11	ZM_041_A2_H11_T7C	
38893	ZM_041_A2_H11		ZM_041_A2_H11_MR
38894	ZM_041_A2_H12	ZM_041_A2_H12_T7C	
38895	ZM_041_A2_H12		ZM_041_A2_H12_MR
38896	ZM_041_B2_A01		ZM_041_B2_A01_MR
38897	ZM_041_B2_A02		ZM_041_B2_A02_MR
38898	ZM_041_B2_A04		ZM_041_B2_A04_MR
38899	ZM_041_B2_A05		ZM_041_B2_A05_MR
38900	ZM_041_B2_A06		ZM_041_B2_A06_MR
38901	ZM_041_B2_A07		ZM_041_B2_A07_MR
38902	ZM_041_B2_A08		ZM_041_B2_A08_MR
38903	ZM_041_B2_A09		ZM_041_B2_A09_MR
38904	ZM_041_B2_A10		ZM_041_B2_A10_MR
38905	ZM_041_B2_A12		ZM_041_B2_A12_MR
38906	ZM_041_B2_B01		ZM_041_B2_B01_MR
38907	ZM_041_B2_B03		ZM_041_B2_B03_MR
38908	ZM_041_B2_B04		ZM_041_B2_B04_MR
38909	ZM_041_B2_B05		ZM_041_B2_B05_MR
38910	ZM_041_B2_B06		ZM_041_B2_B06_MR
38911	ZM_041_B2_B07		ZM_041_B2_B07_MR
38912	ZM_041_B2_B08		ZM_041_B2_B08_MR
38913	ZM_041_B2_B09		ZM_041_B2_B09_MR
38914	ZM_041_B2_B10		ZM_041_B2_B10_MR
38915	ZM_041_B2_C01		ZM_041_B2_C01_MR
38916	ZM_041_B2_C03		ZM_041_B2_C03_MR
38917	ZM_041_B2_C04		ZM_041_B2_C04_MR
38918	ZM_041_B2_C05		ZM_041_B2_C05_MR
38919	ZM_041_B2_C08		ZM_041_B2_C08_MR
38920	ZM_041_B2_C09		ZM_041_B2_C09_MR
38921	ZM_041_B2_C10		ZM_041_B2_C10_MR
38922	ZM_041_B2_C11		ZM_041_B2_C11_MR
38923	ZM_041_B2_C12		ZM_041_B2_C12_MR
38924	ZM_041_B2_D01		ZM_041_B2_D01_MR
38925	ZM_041_B2_D02		ZM_041_B2_D02_MR
38926	ZM_041_B2_D03		ZM_041_B2_D03_MR
38927	ZM_041_B2_D04		ZM_041_B2_D04_MR
38928	ZM_041_B2_D05		ZM_041_B2_D05_MR
38929	ZM_041_B2_D08		ZM_041_B2_D08_MR
38930	ZM_041_B2_D09		ZM_041_B2_D09_MR
38931	ZM_041_B2_D10		ZM_041_B2_D10_MR
38932	ZM_041_B2_D11		ZM_041_B2_D11_MR
38933	ZM_041_B2_D12		ZM_041_B2_D12_MR
38934	ZM_041_B2_E01		ZM_041_B2_E01_MR
38935	ZM_041_B2_E02		ZM_041_B2_E02_MR
38936	ZM_041_B2_E03		ZM_041_B2_E03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38937	ZM_041_B2_E04		ZM_041_B2_E04_MR
38938	ZM_041_B2_E05		ZM_041_B2_E05_MR
38939	ZM_041_B2_E07		ZM_041_B2_E07_MR
38940	ZM_041_B2_E09		ZM_041_B2_E09_MR
38941	ZM_041_B2_E11		ZM_041_B2_E11_MR
38942	ZM_041_B2_E12		ZM_041_B2_E12_MR
38943	ZM_041_B2_F01		ZM_041_B2_F01_MR
38944	ZM_041_B2_F02		ZM_041_B2_F02_MR
38945	ZM_041_B2_F03		ZM_041_B2_F03_MR
38946	ZM_041_B2_F04		ZM_041_B2_F04_MR
38947	ZM_041_B2_F05		ZM_041_B2_F05_MR
38948	ZM_041_B2_F06		ZM_041_B2_F06_MR
38949	ZM_041_B2_F07		ZM_041_B2_F07_MR
38950	ZM_041_B2_F08		ZM_041_B2_F08_MR
38951	ZM_041_B2_F09		ZM_041_B2_F09_MR
38952	ZM_041_B2_F10		ZM_041_B2_F10_MR
38953	ZM_041_B2_F11		ZM_041_B2_F11_MR
38954	ZM_041_B2_F12		ZM_041_B2_F12_MR
38955	ZM_041_B2_G01		ZM_041_B2_G01_MR
38956	ZM_041_B2_G02		ZM_041_B2_G02_MR
38957	ZM_041_B2_G03		ZM_041_B2_G03_MR
38958	ZM_041_B2_G04		ZM_041_B2_G04_MR
38959	ZM_041_B2_G05		ZM_041_B2_G05_MR
38960	ZM_041_B2_G06		ZM_041_B2_G06_MR
38961	ZM_041_B2_G07		ZM_041_B2_G07_MR
38962	ZM_041_B2_G08		ZM_041_B2_G08_MR
38963	ZM_041_B2_G09		ZM_041_B2_G09_MR
38964	ZM_041_B2_G10		ZM_041_B2_G10_MR
38965	ZM_041_B2_G11		ZM_041_B2_G11_MR
38966	ZM_041_B2_G12		ZM_041_B2_G12_MR
38967	ZM_041_B2_H01		ZM_041_B2_H01_MR
38968	ZM_041_B2_H02		ZM_041_B2_H02_MR
38969	ZM_041_B2_H03		ZM_041_B2_H03_MR
38970	ZM_041_B2_H04		ZM_041_B2_H04_MR
38971	ZM_041_B2_H05		ZM_041_B2_H05_MR
38972	ZM_041_B2_H06		ZM_041_B2_H06_MR
38973	ZM_041_B2_H07		ZM_041_B2_H07_MR
38974	ZM_041_B2_H08		ZM_041_B2_H08_MR
38975	ZM_041_B2_H09		ZM_041_B2_H09_MR
38976	ZM_041_B2_H10		ZM_041_B2_H10_MR
38977	ZM_041_B2_H11		ZM_041_B2_H11_MR
38978	ZM_041_B2_H12		ZM_041_B2_H12_MR
38979	ZM_042_A1_A05		ZM_042_A1_A05_MR
38980	ZM_042_A1_A08	ZM_042_A1_A08_T7C	
38981	ZM_042_A1_A10	ZM_042_A1_A10_T7C	
38982	ZM_042_A1_B03		ZM_042_A1_B03_MR
38983	ZM_042_A1_B08	ZM_042_A1_B08_T7C	
38984	ZM_042_A1_B10	ZM_042_A1_B10_T7C	
38985	ZM_042_A1_B12		ZM_042_A1_B12_MR
38986	ZM_042_A1_C01		ZM_042_A1_C01_MR
38987	ZM_042_A1_C03	ZM_042_A1_C03_T7C	
38988	ZM_042_A1_C05	ZM_042_A1_C05_T7C	
38989	ZM_042_A1_D05	ZM_042_A1_D05_T7C	
38990	ZM_042_A1_D11	ZM_042_A1_D11_T7C	
38991	ZM_042_A1_D11		ZM_042_A1_D11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
38992	ZM_042_A1_E01	ZM_042_A1_E01_T7C	
38993	ZM_042_A1_E04	ZM_042_A1_E04_T7C	
38994	ZM_042_A1_G04	ZM_042_A1_G04_T7C	
38995	ZM_042_A1_H01		ZM_042_A1_H01_MR
38996	ZM_042_A1_H03	ZM_042_A1_H03_T7C	
38997	ZM_042_A1_H07		ZM_042_A1_H07_MR
38998	ZM_042_A1_H12	ZM_042_A1_H12_T7C	
38999	ZM_042_A2_A01	ZM_042_A2_A01_T7C	
39000	ZM_042_A2_A02	ZM_042_A2_A02_T7C	
39001	ZM_042_A2_A03	ZM_042_A2_A03_T7C	
39002	ZM_042_A2_A05	ZM_042_A2_A05_T7C	
39003	ZM_042_A2_A06	ZM_042_A2_A06_T7C	
39004	ZM_042_A2_A07	ZM_042_A2_A07_T7C	
39005	ZM_042_A2_A08	ZM_042_A2_A08_T7C	
39006	ZM_042_A2_A09	ZM_042_A2_A09_T7C	
39007	ZM_042_A2_A10	ZM_042_A2_A10_T7C	
39008	ZM_042_A2_A11	ZM_042_A2_A11_T7C	
39009	ZM_042_A2_B01	ZM_042_A2_B01_T7C	
39010	ZM_042_A2_B02	ZM_042_A2_B02_T7C	
39011	ZM_042_A2_B03	ZM_042_A2_B03_T7C	
39012	ZM_042_A2_B04	ZM_042_A2_B04_T7C	
39013	ZM_042_A2_B05	ZM_042_A2_B05_T7C	
39014	ZM_042_A2_B06	ZM_042_A2_B06_T7C	
39015	ZM_042_A2_B07	ZM_042_A2_B07_T7C	
39016	ZM_042_A2_B08	ZM_042_A2_B08_T7C	
39017	ZM_042_A2_B09	ZM_042_A2_B09_T7C	
39018	ZM_042_A2_B10	ZM_042_A2_B10_T7C	
39019	ZM_042_A2_B11	ZM_042_A2_B11_T7C	
39020	ZM_042_A2_B12	ZM_042_A2_B12_T7C	
39021	ZM_042_A2_C01	ZM_042_A2_C01_T7C	
39022	ZM_042_A2_C02	ZM_042_A2_C02_T7C	
39023	ZM_042_A2_C03	ZM_042_A2_C03_T7C	
39024	ZM_042_A2_C04	ZM_042_A2_C04_T7C	
39025	ZM_042_A2_C05	ZM_042_A2_C05_T7C	
39026	ZM_042_A2_C06	ZM_042_A2_C06_T7C	
39027	ZM_042_A2_C07	ZM_042_A2_C07_T7C	
39028	ZM_042_A2_C08	ZM_042_A2_C08_T7C	
39029	ZM_042_A2_C09	ZM_042_A2_C09_T7C	
39030	ZM_042_A2_C10	ZM_042_A2_C10_T7C	
39031	ZM_042_A2_C11	ZM_042_A2_C11_T7C	
39032	ZM_042_A2_C12	ZM_042_A2_C12_T7C	
39033	ZM_042_A2_D02	ZM_042_A2_D02_T7C	
39034	ZM_042_A2_D03	ZM_042_A2_D03_T7C	
39035	ZM_042_A2_D04	ZM_042_A2_D04_T7C	
39036	ZM_042_A2_D05	ZM_042_A2_D05_T7C	
39037	ZM_042_A2_D06	ZM_042_A2_D06_T7C	
39038	ZM_042_A2_D07	ZM_042_A2_D07_T7C	
39039	ZM_042_A2_D08	ZM_042_A2_D08_T7C	
39040	ZM_042_A2_D09	ZM_042_A2_D09_T7C	
39041	ZM_042_A2_D10	ZM_042_A2_D10_T7C	
39042	ZM_042_A2_D11	ZM_042_A2_D11_T7C	
39043	ZM_042_A2_D12	ZM_042_A2_D12_T7C	
39044	ZM_042_A2_E01	ZM_042_A2_E01_T7C	
39045	ZM_042_A2_E03	ZM_042_A2_E03_T7C	
39046	ZM_042_A2_E04	ZM_042_A2_E04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39047	ZM_042_A2_E06	ZM_042_A2_E06_T7C	
39048	ZM_042_A2_E07	ZM_042_A2_E07_T7C	
39049	ZM_042_A2_E08	ZM_042_A2_E08_T7C	
39050	ZM_042_A2_E09	ZM_042_A2_E09_T7C	
39051	ZM_042_A2_E10	ZM_042_A2_E10_T7C	
39052	ZM_042_A2_E11	ZM_042_A2_E11_T7C	
39053	ZM_042_A2_E12	ZM_042_A2_E12_T7C	
39054	ZM_042_A2_F01	ZM_042_A2_F01_T7C	
39055	ZM_042_A2_F02	ZM_042_A2_F02_T7C	
39056	ZM_042_A2_F03	ZM_042_A2_F03_T7C	
39057	ZM_042_A2_F04	ZM_042_A2_F04_T7C	
39058	ZM_042_A2_F05	ZM_042_A2_F05_T7C	
39059	ZM_042_A2_F06	ZM_042_A2_F06_T7C	
39060	ZM_042_A2_F07	ZM_042_A2_F07_T7C	
39061	ZM_042_A2_F08	ZM_042_A2_F08_T7C	
39062	ZM_042_A2_F09	ZM_042_A2_F09_T7C	
39063	ZM_042_A2_F10	ZM_042_A2_F10_T7C	
39064	ZM_042_A2_F11	ZM_042_A2_F11_T7C	
39065	ZM_042_A2_F12	ZM_042_A2_F12_T7C	
39066	ZM_042_A2_G01	ZM_042_A2_G01_T7C	
39067	ZM_042_A2_G02	ZM_042_A2_G02_T7C	
39068	ZM_042_A2_G03	ZM_042_A2_G03_T7C	
39069	ZM_042_A2_G04	ZM_042_A2_G04_T7C	
39070	ZM_042_A2_G05	ZM_042_A2_G05_T7C	
39071	ZM_042_A2_G06	ZM_042_A2_G06_T7C	
39072	ZM_042_A2_G07	ZM_042_A2_G07_T7C	
39073	ZM_042_A2_G08	ZM_042_A2_G08_T7C	
39074	ZM_042_A2_G09	ZM_042_A2_G09_T7C	
39075	ZM_042_A2_G10	ZM_042_A2_G10_T7C	
39076	ZM_042_A2_G11	ZM_042_A2_G11_T7C	
39077	ZM_042_A2_G12	ZM_042_A2_G12_T7C	
39078	ZM_042_A2_H01	ZM_042_A2_H01_T7C	
39079	ZM_042_A2_H02	ZM_042_A2_H02_T7C	
39080	ZM_042_A2_H03	ZM_042_A2_H03_T7C	
39081	ZM_042_A2_H04	ZM_042_A2_H04_T7C	
39082	ZM_042_A2_H05	ZM_042_A2_H05_T7C	
39083	ZM_042_A2_H06	ZM_042_A2_H06_T7C	
39084	ZM_042_A2_H07	ZM_042_A2_H07_T7C	
39085	ZM_042_A2_H08	ZM_042_A2_H08_T7C	
39086	ZM_042_A2_H09	ZM_042_A2_H09_T7C	
39087	ZM_042_A2_H10	ZM_042_A2_H10_T7C	
39088	ZM_042_A2_H11	ZM_042_A2_H11_T7C	
39089	ZM_042_B1_A01		ZM_042_B1_A01_MR
39090	ZM_042_B1_A02		ZM_042_B1_A02_MR
39091	ZM_042_B1_A03		ZM_042_B1_A03_MR
39092	ZM_042_B1_A05		ZM_042_B1_A05_MR
39093	ZM_042_B1_A07		ZM_042_B1_A07_MR
39094	ZM_042_B1_A08		ZM_042_B1_A08_MR
39095	ZM_042_B1_A09		ZM_042_B1_A09_MR
39096	ZM_042_B1_A10		ZM_042_B1_A10_MR
39097	ZM_042_B1_A12		ZM_042_B1_A12_MR
39098	ZM_042_B1_B01		ZM_042_B1_B01_MR
39099	ZM_042_B1_B03		ZM_042_B1_B03_MR
39100	ZM_042_B1_B04		ZM_042_B1_B04_MR
39101	ZM_042_B1_B05		ZM_042_B1_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39102	ZM_042_B1_B07		ZM_042_B1_B07_MR
39103	ZM_042_B1_B09		ZM_042_B1_B09_MR
39104	ZM_042_B1_C01		ZM_042_B1_C01_MR
39105	ZM_042_B1_C05		ZM_042_B1_C05_MR
39106	ZM_042_B1_C06		ZM_042_B1_C06_MR
39107	ZM_042_B1_C07		ZM_042_B1_C07_MR
39108	ZM_042_B1_C08		ZM_042_B1_C08_MR
39109	ZM_042_B1_C09		ZM_042_B1_C09_MR
39110	ZM_042_B1_C11		ZM_042_B1_C11_MR
39111	ZM_042_B1_C12		ZM_042_B1_C12_MR
39112	ZM_042_B1_D01		ZM_042_B1_D01_MR
39113	ZM_042_B1_D02		ZM_042_B1_D02_MR
39114	ZM_042_B1_D04		ZM_042_B1_D04_MR
39115	ZM_042_B1_D05		ZM_042_B1_D05_MR
39116	ZM_042_B1_D06		ZM_042_B1_D06_MR
39117	ZM_042_B1_D07		ZM_042_B1_D07_MR
39118	ZM_042_B1_D08		ZM_042_B1_D08_MR
39119	ZM_042_B1_D09		ZM_042_B1_D09_MR
39120	ZM_042_B1_D10		ZM_042_B1_D10_MR
39121	ZM_042_B1_D11		ZM_042_B1_D11_MR
39122	ZM_042_B1_D12		ZM_042_B1_D12_MR
39123	ZM_042_B1_E01		ZM_042_B1_E01_MR
39124	ZM_042_B1_E02		ZM_042_B1_E02_MR
39125	ZM_042_B1_E04		ZM_042_B1_E04_MR
39126	ZM_042_B1_E07		ZM_042_B1_E07_MR
39127	ZM_042_B1_E09		ZM_042_B1_E09_MR
39128	ZM_042_B1_E10		ZM_042_B1_E10_MR
39129	ZM_042_B1_E11		ZM_042_B1_E11_MR
39130	ZM_042_B1_E12		ZM_042_B1_E12_MR
39131	ZM_042_B1_F01		ZM_042_B1_F01_MR
39132	ZM_042_B1_F07		ZM_042_B1_F07_MR
39133	ZM_042_B1_F10		ZM_042_B1_F10_MR
39134	ZM_042_B1_G04		ZM_042_B1_G04_MR
39135	ZM_042_B1_G07		ZM_042_B1_G07_MR
39136	ZM_042_B1_G08		ZM_042_B1_G08_MR
39137	ZM_042_B1_G09		ZM_042_B1_G09_MR
39138	ZM_042_B1_G10		ZM_042_B1_G10_MR
39139	ZM_042_B1_G12		ZM_042_B1_G12_MR
39140	ZM_042_B1_H03		ZM_042_B1_H03_MR
39141	ZM_042_B1_H04		ZM_042_B1_H04_MR
39142	ZM_042_B1_H05		ZM_042_B1_H05_MR
39143	ZM_042_B1_H06		ZM_042_B1_H06_MR
39144	ZM_042_B1_H08		ZM_042_B1_H08_MR
39145	ZM_042_B1_H10		ZM_042_B1_H10_MR
39146	ZM_042_B1_H11		ZM_042_B1_H11_MR
39147	ZM_042_B2_A01	ZM_042_B2_A01_T7C	ZM_042_B2_A01_MR
39148	ZM_042_B2_A01		ZM_042_B2_A02_MR
39149	ZM_042_B2_A02		
39150	ZM_042_B2_A03	ZM_042_B2_A03_T7C	
39151	ZM_042_B2_A04	ZM_042_B2_A04_T7C	ZM_042_B2_A04_MR
39152	ZM_042_B2_A04		
39153	ZM_042_B2_A05	ZM_042_B2_A05_T7C	ZM_042_B2_A05_MR
39154	ZM_042_B2_A05		
39155	ZM_042_B2_A06	ZM_042_B2_A06_T7C	ZM_042_B2_A06_MR
39156	ZM_042_B2_A06		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39157	ZM_042_B2_A07	ZM_042_B2_A07_T7C	
39158	ZM_042_B2_A07		ZM_042_B2_A07_MR
39159	ZM_042_B2_A08	ZM_042_B2_A08_T7C	
39160	ZM_042_B2_A08		ZM_042_B2_A08_MR
39161	ZM_042_B2_A09	ZM_042_B2_A09_T7C	
39162	ZM_042_B2_A09		ZM_042_B2_A09_MR
39163	ZM_042_B2_A10	ZM_042_B2_A10_T7C	
39164	ZM_042_B2_A10		ZM_042_B2_A10_MR
39165	ZM_042_B2_A12	ZM_042_B2_A12_T7C	
39166	ZM_042_B2_A12		ZM_042_B2_A12_MR
39167	ZM_042_B2_B01	ZM_042_B2_B01_T7C	
39168	ZM_042_B2_B01		ZM_042_B2_B01_MR
39169	ZM_042_B2_B02		ZM_042_B2_B02_MR
39170	ZM_042_B2_B03	ZM_042_B2_B03_T7C	
39171	ZM_042_B2_B03		ZM_042_B2_B03_MR
39172	ZM_042_B2_B04	ZM_042_B2_B04_T7C	
39173	ZM_042_B2_B04		ZM_042_B2_B04_MR
39174	ZM_042_B2_B06		ZM_042_B2_B06_MR
39175	ZM_042_B2_B07	ZM_042_B2_B07_T7C	
39176	ZM_042_B2_B07		ZM_042_B2_B07_MR
39177	ZM_042_B2_B08	ZM_042_B2_B08_T7C	
39178	ZM_042_B2_B09	ZM_042_B2_B09_T7C	
39179	ZM_042_B2_B10	ZM_042_B2_B10_T7C	
39180	ZM_042_B2_B10		ZM_042_B2_B10_MR
39181	ZM_042_B2_B11		ZM_042_B2_B11_MR
39182	ZM_042_B2_B12	ZM_042_B2_B12_T7C	
39183	ZM_042_B2_C01	ZM_042_B2_C01_T7C	
39184	ZM_042_B2_C01		ZM_042_B2_C01_MR
39185	ZM_042_B2_C02		ZM_042_B2_C02_MR
39186	ZM_042_B2_C03	ZM_042_B2_C03_T7C	
39187	ZM_042_B2_C03		ZM_042_B2_C03_MR
39188	ZM_042_B2_C04		ZM_042_B2_C04_MR
39189	ZM_042_B2_C05	ZM_042_B2_C05_T7C	
39190	ZM_042_B2_C06		ZM_042_B2_C06_MR
39191	ZM_042_B2_C07	ZM_042_B2_C07_T7C	
39192	ZM_042_B2_C07		ZM_042_B2_C07_MR
39193	ZM_042_B2_C08	ZM_042_B2_C08_T7C	
39194	ZM_042_B2_C08		ZM_042_B2_C08_MR
39195	ZM_042_B2_C09		ZM_042_B2_C09_MR
39196	ZM_042_B2_C10	ZM_042_B2_C10_T7C	
39197	ZM_042_B2_C10		ZM_042_B2_C10_MR
39198	ZM_042_B2_C11	ZM_042_B2_C11_T7C	
39199	ZM_042_B2_C11		ZM_042_B2_C11_MR
39200	ZM_042_B2_C12	ZM_042_B2_C12_T7C	
39201	ZM_042_B2_D01	ZM_042_B2_D01_T7C	
39202	ZM_042_B2_D01		ZM_042_B2_D01_MR
39203	ZM_042_B2_D02	ZM_042_B2_D02_T7C	
39204	ZM_042_B2_D02		ZM_042_B2_D02_MR
39205	ZM_042_B2_D03	ZM_042_B2_D03_T7C	
39206	ZM_042_B2_D03		ZM_042_B2_D03_MR
39207	ZM_042_B2_D04	ZM_042_B2_D04_T7C	
39208	ZM_042_B2_D04		ZM_042_B2_D04_MR
39209	ZM_042_B2_D05	ZM_042_B2_D05_T7C	
39210	ZM_042_B2_D07	ZM_042_B2_D07_T7C	
39211	ZM_042_B2_D08	ZM_042_B2_D08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39212	ZM_042_B2_D08		ZM_042_B2_D08_MR
39213	ZM_042_B2_D09	ZM_042_B2_D09_T7C	
39214	ZM_042_B2_D09		ZM_042_B2_D09_MR
39215	ZM_042_B2_D10	ZM_042_B2_D10_T7C	
39216	ZM_042_B2_D10		ZM_042_B2_D10_MR
39217	ZM_042_B2_D11	ZM_042_B2_D11_T7C	
39218	ZM_042_B2_D11		ZM_042_B2_D11_MR
39219	ZM_042_B2_D12	ZM_042_B2_D12_T7C	
39220	ZM_042_B2_D12		ZM_042_B2_D12_MR
39221	ZM_042_B2_E01	ZM_042_B2_E01_T7C	
39222	ZM_042_B2_E01		ZM_042_B2_E01_MR
39223	ZM_042_B2_E02	ZM_042_B2_E02_T7C	
39224	ZM_042_B2_E02		ZM_042_B2_E02_MR
39225	ZM_042_B2_E03	ZM_042_B2_E03_T7C	
39226	ZM_042_B2_E03		ZM_042_B2_E03_MR
39227	ZM_042_B2_E05	ZM_042_B2_E05_T7C	
39228	ZM_042_B2_E05		ZM_042_B2_E05_MR
39229	ZM_042_B2_E06	ZM_042_B2_E06_T7C	
39230	ZM_042_B2_E06		ZM_042_B2_E06_MR
39231	ZM_042_B2_E07	ZM_042_B2_E07_T7C	
39232	ZM_042_B2_E07		ZM_042_B2_E07_MR
39233	ZM_042_B2_E08	ZM_042_B2_E08_T7C	
39234	ZM_042_B2_E08		ZM_042_B2_E08_MR
39235	ZM_042_B2_E09	ZM_042_B2_E09_T7C	
39236	ZM_042_B2_E09		ZM_042_B2_E09_MR
39237	ZM_042_B2_E11	ZM_042_B2_E11_T7C	
39238	ZM_042_B2_E11		ZM_042_B2_E11_MR
39239	ZM_042_B2_E12	ZM_042_B2_E12_T7C	
39240	ZM_042_B2_E12		ZM_042_B2_E12_MR
39241	ZM_042_B2_F01	ZM_042_B2_F01_T7C	
39242	ZM_042_B2_F01		ZM_042_B2_F01_MR
39243	ZM_042_B2_F03	ZM_042_B2_F03_T7C	
39244	ZM_042_B2_F04		ZM_042_B2_F04_MR
39245	ZM_042_B2_F05		ZM_042_B2_F05_MR
39246	ZM_042_B2_F07		ZM_042_B2_F07_MR
39247	ZM_042_B2_F10	ZM_042_B2_F10_T7C	
39248	ZM_042_B2_F11		ZM_042_B2_F11_MR
39249	ZM_042_B2_F12	ZM_042_B2_F12_T7C	
39250	ZM_042_B2_G01	ZM_042_B2_G01_T7C	
39251	ZM_042_B2_G03		ZM_042_B2_G03_MR
39252	ZM_042_B2_G04	ZM_042_B2_G04_T7C	
39253	ZM_042_B2_G04		ZM_042_B2_G04_MR
39254	ZM_042_B2_G05	ZM_042_B2_G05_T7C	
39255	ZM_042_B2_G05		ZM_042_B2_G05_MR
39256	ZM_042_B2_G06	ZM_042_B2_G06_T7C	
39257	ZM_042_B2_G06		ZM_042_B2_G06_MR
39258	ZM_042_B2_G07	ZM_042_B2_G07_T7C	
39259	ZM_042_B2_G09	ZM_042_B2_G09_T7C	
39260	ZM_042_B2_G09		ZM_042_B2_G09_MR
39261	ZM_042_B2_G10		ZM_042_B2_G10_MR
39262	ZM_042_B2_G11	ZM_042_B2_G11_T7C	
39263	ZM_042_B2_G11		ZM_042_B2_G11_MR
39264	ZM_042_B2_G12	ZM_042_B2_G12_T7C	
39265	ZM_042_B2_H01		ZM_042_B2_H01_MR
39266	ZM_042_B2_H03	ZM_042_B2_H03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39267	ZM_042_B2_H03		ZM_042_B2_H03_MR
39268	ZM_042_B2_H05	ZM_042_B2_H05_T7C	
39269	ZM_042_B2_H05		ZM_042_B2_H05_MR
39270	ZM_042_B2_H06	ZM_042_B2_H06_T7C	
39271	ZM_042_B2_H06		ZM_042_B2_H06_MR
39272	ZM_042_B2_H07	ZM_042_B2_H07_T7C	
39273	ZM_042_B2_H07		ZM_042_B2_H07_MR
39274	ZM_042_B2_H08	ZM_042_B2_H08_T7C	
39275	ZM_042_B2_H09	ZM_042_B2_H09_T7C	
39276	ZM_042_B2_H09		ZM_042_B2_H09_MR
39277	ZM_042_B2_H10	ZM_042_B2_H10_T7C	
39278	ZM_042_B2_H10		ZM_042_B2_H10_MR
39279	ZM_042_B2_H11	ZM_042_B2_H11_T7C	
39280	ZM_042_B2_H11		ZM_042_B2_H11_MR
39281	ZM_043_A1_A01	ZM_043_A1_A01_T7C	
39282	ZM_043_A1_A02	ZM_043_A1_A02_T7C	
39283	ZM_043_A1_A02		ZM_043_A1_A02_MR
39284	ZM_043_A1_A03	ZM_043_A1_A03_T7C	
39285	ZM_043_A1_A03		ZM_043_A1_A03_MR
39286	ZM_043_A1_A05	ZM_043_A1_A05_T7C	
39287	ZM_043_A1_A07	ZM_043_A1_A07_T7C	
39288	ZM_043_A1_A07		ZM_043_A1_A07_MR
39289	ZM_043_A1_A08	ZM_043_A1_A08_T7C	
39290	ZM_043_A1_A08		ZM_043_A1_A08_MR
39291	ZM_043_A1_A09	ZM_043_A1_A09_T7C	
39292	ZM_043_A1_A09		ZM_043_A1_A09_MR
39293	ZM_043_A1_A10	ZM_043_A1_A10_T7C	
39294	ZM_043_A1_A10		ZM_043_A1_A10_MR
39295	ZM_043_A1_A11	ZM_043_A1_A11_T7C	
39296	ZM_043_A1_A12	ZM_043_A1_A12_T7C	
39297	ZM_043_A1_A12		ZM_043_A1_A12_MR
39298	ZM_043_A1_B01	ZM_043_A1_B01_T7C	
39299	ZM_043_A1_B01		ZM_043_A1_B01_MR
39300	ZM_043_A1_B02	ZM_043_A1_B02_T7C	
39301	ZM_043_A1_B02		ZM_043_A1_B02_MR
39302	ZM_043_A1_B03	ZM_043_A1_B03_T7C	
39303	ZM_043_A1_B03		ZM_043_A1_B03_MR
39304	ZM_043_A1_B04	ZM_043_A1_B04_T7C	
39305	ZM_043_A1_B04		ZM_043_A1_B04_MR
39306	ZM_043_A1_B05	ZM_043_A1_B05_T7C	
39307	ZM_043_A1_B05		ZM_043_A1_B05_MR
39308	ZM_043_A1_B07	ZM_043_A1_B07_T7C	
39309	ZM_043_A1_B07		ZM_043_A1_B07_MR
39310	ZM_043_A1_B08	ZM_043_A1_B08_T7C	
39311	ZM_043_A1_B08		ZM_043_A1_B08_MR
39312	ZM_043_A1_B09	ZM_043_A1_B09_T7C	
39313	ZM_043_A1_B09		ZM_043_A1_B09_MR
39314	ZM_043_A1_B10	ZM_043_A1_B10_T7C	
39315	ZM_043_A1_B10		ZM_043_A1_B10_MR
39316	ZM_043_A1_B11	ZM_043_A1_B11_T7C	
39317	ZM_043_A1_B11		ZM_043_A1_B11_MR
39318	ZM_043_A1_B12	ZM_043_A1_B12_T7C	
39319	ZM_043_A1_B12		ZM_043_A1_B12_MR
39320	ZM_043_A1_C01	ZM_043_A1_C01_T7C	
39321	ZM_043_A1_C01		ZM_043_A1_C01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39322	ZM_043_A1_C02	ZM_043_A1_C02_T7C	ZM_043_A1_C02_MR
39323	ZM_043_A1_C02		
39324	ZM_043_A1_C03	ZM_043_A1_C03_T7C	ZM_043_A1_C03_MR
39325	ZM_043_A1_C03		
39326	ZM_043_A1_C04	ZM_043_A1_C04_T7C	ZM_043_A1_C04_MR
39327	ZM_043_A1_C04		
39328	ZM_043_A1_C05	ZM_043_A1_C05_T7C	ZM_043_A1_C05_MR
39329	ZM_043_A1_C05		
39330	ZM_043_A1_C06	ZM_043_A1_C06_T7C	ZM_043_A1_C06_MR
39331	ZM_043_A1_C06		
39332	ZM_043_A1_C07	ZM_043_A1_C07_T7C	ZM_043_A1_C07_MR
39333	ZM_043_A1_C07		
39334	ZM_043_A1_C08	ZM_043_A1_C08_T7C	ZM_043_A1_C08_MR
39335	ZM_043_A1_C08		
39336	ZM_043_A1_C09	ZM_043_A1_C09_T7C	ZM_043_A1_C09_MR
39337	ZM_043_A1_C09		
39338	ZM_043_A1_C10	ZM_043_A1_C10_T7C	ZM_043_A1_C10_MR
39339	ZM_043_A1_C10		
39340	ZM_043_A1_C11	ZM_043_A1_C11_T7C	ZM_043_A1_C11_MR
39341	ZM_043_A1_C11		
39342	ZM_043_A1_C12	ZM_043_A1_C12_T7C	ZM_043_A1_C12_MR
39343	ZM_043_A1_C12		
39344	ZM_043_A1_D01	ZM_043_A1_D01_T7C	ZM_043_A1_D01_MR
39345	ZM_043_A1_D01		
39346	ZM_043_A1_D02	ZM_043_A1_D02_T7C	ZM_043_A1_D02_MR
39347	ZM_043_A1_D02		
39348	ZM_043_A1_D03	ZM_043_A1_D03_T7C	ZM_043_A1_D03_MR
39349	ZM_043_A1_D03		
39350	ZM_043_A1_D04	ZM_043_A1_D04_T7C	ZM_043_A1_D04_MR
39351	ZM_043_A1_D04		
39352	ZM_043_A1_D05	ZM_043_A1_D05_T7C	ZM_043_A1_D05_MR
39353	ZM_043_A1_D05		
39354	ZM_043_A1_D06	ZM_043_A1_D06_T7C	ZM_043_A1_D06_MR
39355	ZM_043_A1_D06		
39356	ZM_043_A1_D07	ZM_043_A1_D07_T7C	ZM_043_A1_D07_MR
39357	ZM_043_A1_D07		
39358	ZM_043_A1_D08	ZM_043_A1_D08_T7C	
39359	ZM_043_A1_D09	ZM_043_A1_D09_T7C	ZM_043_A1_D09_MR
39360	ZM_043_A1_D09		
39361	ZM_043_A1_D10	ZM_043_A1_D10_T7C	
39362	ZM_043_A1_D11	ZM_043_A1_D11_T7C	ZM_043_A1_D11_MR
39363	ZM_043_A1_D11		
39364	ZM_043_A1_D12	ZM_043_A1_D12_T7C	
39365	ZM_043_A1_E01	ZM_043_A1_E01_T7C	
39366	ZM_043_A1_E01		ZM_043_A1_E01_MR
39367	ZM_043_A1_E02	ZM_043_A1_E02_T7C	
39368	ZM_043_A1_E02		ZM_043_A1_E02_MR
39369	ZM_043_A1_E03	ZM_043_A1_E03_T7C	
39370	ZM_043_A1_E03		ZM_043_A1_E03_MR
39371	ZM_043_A1_E04	ZM_043_A1_E04_T7C	
39372	ZM_043_A1_E04		ZM_043_A1_E04_MR
39373	ZM_043_A1_E06	ZM_043_A1_E06_T7C	
39374	ZM_043_A1_E06		ZM_043_A1_E06_MR
39375	ZM_043_A1_E07	ZM_043_A1_E07_T7C	
39376	ZM_043_A1_E07		ZM_043_A1_E07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39377	ZM_043_A1_E08	ZM_043_A1_E08_T7C	
39378	ZM_043_A1_E08		ZM_043_A1_E08_MR
39379	ZM_043_A1_E09	ZM_043_A1_E09_T7C	
39380	ZM_043_A1_E09		ZM_043_A1_E09_MR
39381	ZM_043_A1_E10	ZM_043_A1_E10_T7C	
39382	ZM_043_A1_E10		ZM_043_A1_E10_MR
39383	ZM_043_A1_E11	ZM_043_A1_E11_T7C	
39384	ZM_043_A1_E11		ZM_043_A1_E11_MR
39385	ZM_043_A1_E12	ZM_043_A1_E12_T7C	
39386	ZM_043_A1_E12		ZM_043_A1_E12_MR
39387	ZM_043_A1_F01	ZM_043_A1_F01_T7C	
39388	ZM_043_A1_F01		ZM_043_A1_F01_MR
39389	ZM_043_A1_F02	ZM_043_A1_F02_T7C	
39390	ZM_043_A1_F02		ZM_043_A1_F02_MR
39391	ZM_043_A1_F03	ZM_043_A1_F03_T7C	
39392	ZM_043_A1_F03		ZM_043_A1_F03_MR
39393	ZM_043_A1_F04	ZM_043_A1_F04_T7C	
39394	ZM_043_A1_F04		ZM_043_A1_F04_MR
39395	ZM_043_A1_F05	ZM_043_A1_F05_T7C	
39396	ZM_043_A1_F05		ZM_043_A1_F05_MR
39397	ZM_043_A1_F06	ZM_043_A1_F06_T7C	
39398	ZM_043_A1_F07	ZM_043_A1_F07_T7C	
39399	ZM_043_A1_F07		ZM_043_A1_F07_MR
39400	ZM_043_A1_F08	ZM_043_A1_F08_T7C	
39401	ZM_043_A1_F08		ZM_043_A1_F08_MR
39402	ZM_043_A1_F09	ZM_043_A1_F09_T7C	
39403	ZM_043_A1_F09		ZM_043_A1_F09_MR
39404	ZM_043_A1_F10	ZM_043_A1_F10_T7C	
39405	ZM_043_A1_F10		ZM_043_A1_F10_MR
39406	ZM_043_A1_F11	ZM_043_A1_F11_T7C	
39407	ZM_043_A1_F11		ZM_043_A1_F11_MR
39408	ZM_043_A1_F12	ZM_043_A1_F12_T7C	
39409	ZM_043_A1_F12		ZM_043_A1_F12_MR
39410	ZM_043_A1_G01	ZM_043_A1_G01_T7C	
39411	ZM_043_A1_G02		ZM_043_A1_G02_MR
39412	ZM_043_A1_G03	ZM_043_A1_G03_T7C	
39413	ZM_043_A1_G03		ZM_043_A1_G03_MR
39414	ZM_043_A1_G04	ZM_043_A1_G04_T7C	
39415	ZM_043_A1_G04		ZM_043_A1_G04_MR
39416	ZM_043_A1_G05	ZM_043_A1_G05_T7C	
39417	ZM_043_A1_G05		ZM_043_A1_G05_MR
39418	ZM_043_A1_G06	ZM_043_A1_G06_T7C	
39419	ZM_043_A1_G07	ZM_043_A1_G07_T7C	
39420	ZM_043_A1_G07		ZM_043_A1_G07_MR
39421	ZM_043_A1_G08	ZM_043_A1_G08_T7C	
39422	ZM_043_A1_G08		ZM_043_A1_G08_MR
39423	ZM_043_A1_G10	ZM_043_A1_G10_T7C	
39424	ZM_043_A1_G10		ZM_043_A1_G10_MR
39425	ZM_043_A1_G11	ZM_043_A1_G11_T7C	
39426	ZM_043_A1_G11		ZM_043_A1_G11_MR
39427	ZM_043_A1_G12	ZM_043_A1_G12_T7C	
39428	ZM_043_A1_H01	ZM_043_A1_H01_T7C	
39429	ZM_043_A1_H01		ZM_043_A1_H01_MR
39430	ZM_043_A1_H02	ZM_043_A1_H02_T7C	
39431	ZM_043_A1_H02		ZM_043_A1_H02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39432	ZM_043_A1_H03	ZM_043_A1_H03_T7C	
39433	ZM_043_A1_H04	ZM_043_A1_H04_T7C	
39434	ZM_043_A1_H04		ZM_043_A1_H04_MR
39435	ZM_043_A1_H05	ZM_043_A1_H05_T7C	
39436	ZM_043_A1_H05		ZM_043_A1_H05_MR
39437	ZM_043_A1_H07	ZM_043_A1_H07_T7C	
39438	ZM_043_A1_H07		ZM_043_A1_H07_MR
39439	ZM_043_A1_H08	ZM_043_A1_H08_T7C	
39440	ZM_043_A1_H08		ZM_043_A1_H08_MR
39441	ZM_043_A1_H09	ZM_043_A1_H09_T7C	
39442	ZM_043_A1_H09		ZM_043_A1_H09_MR
39443	ZM_043_A1_H10	ZM_043_A1_H10_T7C	
39444	ZM_043_A1_H10		ZM_043_A1_H10_MR
39445	ZM_043_A1_H11	ZM_043_A1_H11_T7C	
39446	ZM_043_A1_H11		ZM_043_A1_H11_MR
39447	ZM_043_A1_H12	ZM_043_A1_H12_T7C	
39448	ZM_043_A1_H12		ZM_043_A1_H12_MR
39449	ZM_043_A2_A01	ZM_043_A2_A01_T7C	
39450	ZM_043_A2_A01		ZM_043_A2_A01_MR
39451	ZM_043_A2_A02	ZM_043_A2_A02_T7C	
39452	ZM_043_A2_A02		ZM_043_A2_A02_MR
39453	ZM_043_A2_A03	ZM_043_A2_A03_T7C	
39454	ZM_043_A2_A03		ZM_043_A2_A03_MR
39455	ZM_043_A2_A04		ZM_043_A2_A04_MR
39456	ZM_043_A2_A05	ZM_043_A2_A05_T7C	
39457	ZM_043_A2_A05		ZM_043_A2_A05_MR
39458	ZM_043_A2_A06		ZM_043_A2_A06_MR
39459	ZM_043_A2_A07	ZM_043_A2_A07_T7C	
39460	ZM_043_A2_A07		ZM_043_A2_A07_MR
39461	ZM_043_A2_A08	ZM_043_A2_A08_T7C	
39462	ZM_043_A2_A08		ZM_043_A2_A08_MR
39463	ZM_043_A2_A09		ZM_043_A2_A09_MR
39464	ZM_043_A2_A10	ZM_043_A2_A10_T7C	
39465	ZM_043_A2_A10		ZM_043_A2_A10_MR
39466	ZM_043_A2_A11	ZM_043_A2_A11_T7C	
39467	ZM_043_A2_A11		ZM_043_A2_A11_MR
39468	ZM_043_A2_A12	ZM_043_A2_A12_T7C	
39469	ZM_043_A2_A12		ZM_043_A2_A12_MR
39470	ZM_043_A2_B01		ZM_043_A2_B01_MR
39471	ZM_043_A2_B02	ZM_043_A2_B02_T7C	
39472	ZM_043_A2_B02		ZM_043_A2_B02_MR
39473	ZM_043_A2_B03	ZM_043_A2_B03_T7C	
39474	ZM_043_A2_B03		ZM_043_A2_B03_MR
39475	ZM_043_A2_B04	ZM_043_A2_B04_T7C	
39476	ZM_043_A2_B04		ZM_043_A2_B04_MR
39477	ZM_043_A2_B05	ZM_043_A2_B05_T7C	
39478	ZM_043_A2_B05		ZM_043_A2_B05_MR
39479	ZM_043_A2_B06	ZM_043_A2_B06_T7C	
39480	ZM_043_A2_B06		ZM_043_A2_B06_MR
39481	ZM_043_A2_B08	ZM_043_A2_B08_T7C	
39482	ZM_043_A2_B08		ZM_043_A2_B08_MR
39483	ZM_043_A2_B09	ZM_043_A2_B09_T7C	
39484	ZM_043_A2_B09		ZM_043_A2_B09_MR
39485	ZM_043_A2_B10	ZM_043_A2_B10_T7C	
39486	ZM_043_A2_B10		ZM_043_A2_B10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39487	ZM_043_A2_B11	ZM_043_A2_B11_T7C	ZM_043_A2_B11_MR
39488	ZM_043_A2_B11		
39489	ZM_043_A2_B12	ZM_043_A2_B12_T7C	ZM_043_A2_B12_MR
39490	ZM_043_A2_B12		
39491	ZM_043_A2_C01	ZM_043_A2_C01_T7C	ZM_043_A2_C01_MR
39492	ZM_043_A2_C01		
39493	ZM_043_A2_C02	ZM_043_A2_C02_T7C	ZM_043_A2_C02_MR
39494	ZM_043_A2_C02		
39495	ZM_043_A2_C03	ZM_043_A2_C03_T7C	ZM_043_A2_C03_MR
39496	ZM_043_A2_C03		
39497	ZM_043_A2_C04	ZM_043_A2_C04_T7C	ZM_043_A2_C04_MR
39498	ZM_043_A2_C04		ZM_043_A2_C05_MR
39499	ZM_043_A2_C05		
39500	ZM_043_A2_C06	ZM_043_A2_C06_T7C	ZM_043_A2_C06_MR
39501	ZM_043_A2_C06		
39502	ZM_043_A2_C07	ZM_043_A2_C07_T7C	ZM_043_A2_C07_MR
39503	ZM_043_A2_C07		ZM_043_A2_C08_MR
39504	ZM_043_A2_C08		
39505	ZM_043_A2_C09	ZM_043_A2_C09_T7C	ZM_043_A2_C09_MR
39506	ZM_043_A2_C09		
39507	ZM_043_A2_C10	ZM_043_A2_C10_T7C	ZM_043_A2_C10_MR
39508	ZM_043_A2_C10		
39509	ZM_043_A2_C11	ZM_043_A2_C11_T7C	ZM_043_A2_C11_MR
39510	ZM_043_A2_C11		
39511	ZM_043_A2_C12	ZM_043_A2_C12_T7C	ZM_043_A2_C12_MR
39512	ZM_043_A2_C12		
39513	ZM_043_A2_D01	ZM_043_A2_D01_T7C	ZM_043_A2_D01_MR
39514	ZM_043_A2_D01		
39515	ZM_043_A2_D02	ZM_043_A2_D02_T7C	ZM_043_A2_D02_MR
39516	ZM_043_A2_D02		
39517	ZM_043_A2_D03	ZM_043_A2_D03_T7C	ZM_043_A2_D03_MR
39518	ZM_043_A2_D03		
39519	ZM_043_A2_D04	ZM_043_A2_D04_T7C	ZM_043_A2_D04_MR
39520	ZM_043_A2_D04		
39521	ZM_043_A2_D05	ZM_043_A2_D05_T7C	ZM_043_A2_D05_MR
39522	ZM_043_A2_D05		ZM_043_A2_D06_MR
39523	ZM_043_A2_D06		
39524	ZM_043_A2_D07	ZM_043_A2_D07_T7C	ZM_043_A2_D07_MR
39525	ZM_043_A2_D07		ZM_043_A2_D08_MR
39526	ZM_043_A2_D08		
39527	ZM_043_A2_D09	ZM_043_A2_D09_T7C	ZM_043_A2_D09_MR
39528	ZM_043_A2_D09		
39529	ZM_043_A2_D11	ZM_043_A2_D11_T7C	ZM_043_A2_D11_MR
39530	ZM_043_A2_D11		
39531	ZM_043_A2_D12	ZM_043_A2_D12_T7C	ZM_043_A2_D12_MR
39532	ZM_043_A2_D12		
39533	ZM_043_A2_E01	ZM_043_A2_E01_T7C	ZM_043_A2_E01_MR
39534	ZM_043_A2_E01		
39535	ZM_043_A2_E02	ZM_043_A2_E02_T7C	ZM_043_A2_E02_MR
39536	ZM_043_A2_E02		
39537	ZM_043_A2_E03	ZM_043_A2_E03_T7C	ZM_043_A2_E03_MR
39538	ZM_043_A2_E03		
39539	ZM_043_A2_E04	ZM_043_A2_E04_T7C	ZM_043_A2_E04_MR
39540	ZM_043_A2_E04		
39541	ZM_043_A2_E05	ZM_043_A2_E05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39542	ZM_043_A2_E05		ZM_043_A2_E05_MR
39543	ZM_043_A2_E06		ZM_043_A2_E06_MR
39544	ZM_043_A2_E07	ZM_043_A2_E07_T7C	
39545	ZM_043_A2_E07		ZM_043_A2_E07_MR
39546	ZM_043_A2_E08	ZM_043_A2_E08_T7C	
39547	ZM_043_A2_E08		ZM_043_A2_E08_MR
39548	ZM_043_A2_E09		ZM_043_A2_E09_MR
39549	ZM_043_A2_E10	ZM_043_A2_E10_T7C	
39550	ZM_043_A2_E10		ZM_043_A2_E10_MR
39551	ZM_043_A2_E11	ZM_043_A2_E11_T7C	
39552	ZM_043_A2_E11		ZM_043_A2_E11_MR
39553	ZM_043_A2_E12	ZM_043_A2_E12_T7C	
39554	ZM_043_A2_E12		ZM_043_A2_E12_MR
39555	ZM_043_A2_F01	ZM_043_A2_F01_T7C	
39556	ZM_043_A2_F01		ZM_043_A2_F01_MR
39557	ZM_043_A2_F02	ZM_043_A2_F02_T7C	
39558	ZM_043_A2_F02		ZM_043_A2_F02_MR
39559	ZM_043_A2_F03	ZM_043_A2_F03_T7C	
39560	ZM_043_A2_F03		ZM_043_A2_F03_MR
39561	ZM_043_A2_F04	ZM_043_A2_F04_T7C	
39562	ZM_043_A2_F04		ZM_043_A2_F04_MR
39563	ZM_043_A2_F05	ZM_043_A2_F05_T7C	
39564	ZM_043_A2_F05		ZM_043_A2_F05_MR
39565	ZM_043_A2_F07	ZM_043_A2_F07_T7C	
39566	ZM_043_A2_F07		ZM_043_A2_F07_MR
39567	ZM_043_A2_F08		ZM_043_A2_F08_MR
39568	ZM_043_A2_F09		ZM_043_A2_F09_MR
39569	ZM_043_A2_F10	ZM_043_A2_F10_T7C	
39570	ZM_043_A2_F10		ZM_043_A2_F10_MR
39571	ZM_043_A2_F11	ZM_043_A2_F11_T7C	
39572	ZM_043_A2_F11		ZM_043_A2_F11_MR
39573	ZM_043_A2_F12	ZM_043_A2_F12_T7C	
39574	ZM_043_A2_F12		ZM_043_A2_F12_MR
39575	ZM_043_A2_G01	ZM_043_A2_G01_T7C	
39576	ZM_043_A2_G02	ZM_043_A2_G02_T7C	
39577	ZM_043_A2_G03	ZM_043_A2_G03_T7C	
39578	ZM_043_A2_G03		ZM_043_A2_G03_MR
39579	ZM_043_A2_G04	ZM_043_A2_G04_T7C	
39580	ZM_043_A2_G04		ZM_043_A2_G04_MR
39581	ZM_043_A2_G06	ZM_043_A2_G06_T7C	
39582	ZM_043_A2_G06		ZM_043_A2_G06_MR
39583	ZM_043_A2_G07	ZM_043_A2_G07_T7C	
39584	ZM_043_A2_G07		ZM_043_A2_G07_MR
39585	ZM_043_A2_G08	ZM_043_A2_G08_T7C	
39586	ZM_043_A2_G09	ZM_043_A2_G09_T7C	
39587	ZM_043_A2_G09		ZM_043_A2_G09_MR
39588	ZM_043_A2_G10	ZM_043_A2_G10_T7C	
39589	ZM_043_A2_G10		ZM_043_A2_G10_MR
39590	ZM_043_A2_G11	ZM_043_A2_G11_T7C	
39591	ZM_043_A2_G11		ZM_043_A2_G11_MR
39592	ZM_043_A2_G12	ZM_043_A2_G12_T7C	
39593	ZM_043_A2_G12		ZM_043_A2_G12_MR
39594	ZM_043_A2_H01	ZM_043_A2_H01_T7C	
39595	ZM_043_A2_H01		ZM_043_A2_H01_MR
39596	ZM_043_A2_H02	ZM_043_A2_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39597	ZM_043_A2_H02		ZM_043_A2_H02_MR
39598	ZM_043_A2_H03		ZM_043_A2_H03_MR
39599	ZM_043_A2_H04		ZM_043_A2_H04_MR
39600	ZM_043_A2_H05	ZM_043_A2_H05_T7C	
39601	ZM_043_A2_H05		ZM_043_A2_H05_MR
39602	ZM_043_A2_H06	ZM_043_A2_H06_T7C	
39603	ZM_043_A2_H06		ZM_043_A2_H06_MR
39604	ZM_043_A2_H07	ZM_043_A2_H07_T7C	
39605	ZM_043_A2_H07		ZM_043_A2_H07_MR
39606	ZM_043_A2_H08	ZM_043_A2_H08_T7C	
39607	ZM_043_A2_H08		ZM_043_A2_H08_MR
39608	ZM_043_A2_H09	ZM_043_A2_H09_T7C	
39609	ZM_043_A2_H09		ZM_043_A2_H09_MR
39610	ZM_043_A2_H10	ZM_043_A2_H10_T7C	
39611	ZM_043_A2_H10		ZM_043_A2_H10_MR
39612	ZM_043_A2_H11	ZM_043_A2_H11_T7C	
39613	ZM_043_A2_H11		ZM_043_A2_H11_MR
39614	ZM_043_A2_H12	ZM_043_A2_H12_T7C	
39615	ZM_043_A2_H12		ZM_043_A2_H12_MR
39616	ZM_043_B1_A02	ZM_043_B1_A02_T7C	
39617	ZM_043_B1_A03	ZM_043_B1_A03_T7C	
39618	ZM_043_B1_A04	ZM_043_B1_A04_T7C	
39619	ZM_043_B1_A05	ZM_043_B1_A05_T7C	
39620	ZM_043_B1_A06	ZM_043_B1_A06_T7C	
39621	ZM_043_B1_A07	ZM_043_B1_A07_T7C	
39622	ZM_043_B1_A08	ZM_043_B1_A08_T7C	
39623	ZM_043_B1_A10	ZM_043_B1_A10_T7C	
39624	ZM_043_B1_A11	ZM_043_B1_A11_T7C	
39625	ZM_043_B1_B01	ZM_043_B1_B01_T7C	
39626	ZM_043_B1_B02	ZM_043_B1_B02_T7C	
39627	ZM_043_B1_B03	ZM_043_B1_B03_T7C	
39628	ZM_043_B1_B04	ZM_043_B1_B04_T7C	
39629	ZM_043_B1_B06	ZM_043_B1_B06_T7C	
39630	ZM_043_B1_B07	ZM_043_B1_B07_T7C	
39631	ZM_043_B1_B08	ZM_043_B1_B08_T7C	
39632	ZM_043_B1_B09	ZM_043_B1_B09_T7C	
39633	ZM_043_B1_B11	ZM_043_B1_B11_T7C	
39634	ZM_043_B1_B12	ZM_043_B1_B12_T7C	
39635	ZM_043_B1_C01	ZM_043_B1_C01_T7C	
39636	ZM_043_B1_C02	ZM_043_B1_C02_T7C	
39637	ZM_043_B1_C03	ZM_043_B1_C03_T7C	
39638	ZM_043_B1_C04	ZM_043_B1_C04_T7C	
39639	ZM_043_B1_C06	ZM_043_B1_C06_T7C	
39640	ZM_043_B1_C07	ZM_043_B1_C07_T7C	
39641	ZM_043_B1_C08	ZM_043_B1_C08_T7C	
39642	ZM_043_B1_C09	ZM_043_B1_C09_T7C	
39643	ZM_043_B1_C10	ZM_043_B1_C10_T7C	
39644	ZM_043_B1_C11	ZM_043_B1_C11_T7C	
39645	ZM_043_B1_C12	ZM_043_B1_C12_T7C	
39646	ZM_043_B1_D01	ZM_043_B1_D01_T7C	
39647	ZM_043_B1_D02	ZM_043_B1_D02_T7C	
39648	ZM_043_B1_D03	ZM_043_B1_D03_T7C	
39649	ZM_043_B1_D04	ZM_043_B1_D04_T7C	
39650	ZM_043_B1_D06	ZM_043_B1_D06_T7C	
39651	ZM_043_B1_D07	ZM_043_B1_D07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39652	ZM_043_B1_D08	ZM_043_B1_D08_T7C	
39653	ZM_043_B1_D09	ZM_043_B1_D09_T7C	
39654	ZM_043_B1_D10	ZM_043_B1_D10_T7C	
39655	ZM_043_B1_D11	ZM_043_B1_D11_T7C	
39656	ZM_043_B1_D12	ZM_043_B1_D12_T7C	
39657	ZM_043_B1_E01	ZM_043_B1_E01_T7C	
39658	ZM_043_B1_E02	ZM_043_B1_E02_T7C	
39659	ZM_043_B1_E03	ZM_043_B1_E03_T7C	
39660	ZM_043_B1_E04	ZM_043_B1_E04_T7C	
39661	ZM_043_B1_E05	ZM_043_B1_E05_T7C	
39662	ZM_043_B1_E06	ZM_043_B1_E06_T7C	
39663	ZM_043_B1_E07	ZM_043_B1_E07_T7C	
39664	ZM_043_B1_E08	ZM_043_B1_E08_T7C	
39665	ZM_043_B1_E09	ZM_043_B1_E09_T7C	
39666	ZM_043_B1_E10	ZM_043_B1_E10_T7C	
39667	ZM_043_B1_E11	ZM_043_B1_E11_T7C	
39668	ZM_043_B1_E12	ZM_043_B1_E12_T7C	
39669	ZM_043_B1_F01	ZM_043_B1_F01_T7C	
39670	ZM_043_B1_F02	ZM_043_B1_F02_T7C	
39671	ZM_043_B1_F03	ZM_043_B1_F03_T7C	
39672	ZM_043_B1_F04	ZM_043_B1_F04_T7C	
39673	ZM_043_B1_F05	ZM_043_B1_F05_T7C	
39674	ZM_043_B1_F06	ZM_043_B1_F06_T7C	
39675	ZM_043_B1_F07	ZM_043_B1_F07_T7C	
39676	ZM_043_B1_F08	ZM_043_B1_F08_T7C	
39677	ZM_043_B1_F09	ZM_043_B1_F09_T7C	
39678	ZM_043_B1_F11	ZM_043_B1_F11_T7C	
39679	ZM_043_B1_F12	ZM_043_B1_F12_T7C	
39680	ZM_043_B1_G01	ZM_043_B1_G01_T7C	
39681	ZM_043_B1_G02	ZM_043_B1_G02_T7C	
39682	ZM_043_B1_G03	ZM_043_B1_G03_T7C	
39683	ZM_043_B1_G04	ZM_043_B1_G04_T7C	
39684	ZM_043_B1_G05	ZM_043_B1_G05_T7C	
39685	ZM_043_B1_G06	ZM_043_B1_G06_T7C	
39686	ZM_043_B1_G07	ZM_043_B1_G07_T7C	
39687	ZM_043_B1_G08	ZM_043_B1_G08_T7C	
39688	ZM_043_B1_G09	ZM_043_B1_G09_T7C	
39689	ZM_043_B1_G10	ZM_043_B1_G10_T7C	
39690	ZM_043_B1_G11	ZM_043_B1_G11_T7C	
39691	ZM_043_B1_G12	ZM_043_B1_G12_T7C	
39692	ZM_043_B1_H03	ZM_043_B1_H03_T7C	
39693	ZM_043_B1_H04	ZM_043_B1_H04_T7C	
39694	ZM_043_B1_H06	ZM_043_B1_H06_T7C	
39695	ZM_043_B1_H07	ZM_043_B1_H07_T7C	
39696	ZM_043_B1_H08	ZM_043_B1_H08_T7C	
39697	ZM_043_B1_H09	ZM_043_B1_H09_T7C	
39698	ZM_043_B1_H11	ZM_043_B1_H11_T7C	
39699	ZM_043_B1_H12	ZM_043_B1_H12_T7C	
39700	ZM_043_B2_A01		ZM_043_B2_A01_MR
39701	ZM_043_B2_A08	ZM_043_B2_A08_T7C	
39702	ZM_043_B2_A10	ZM_043_B2_A10_T7C	
39703	ZM_043_B2_A10		ZM_043_B2_A10_MR
39704	ZM_043_B2_B01	ZM_043_B2_B01_T7C	
39705	ZM_043_B2_B01		ZM_043_B2_B01_MR
39706	ZM_043_B2_B04	ZM_043_B2_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39707	ZM_043_B2_B05		ZM_043_B2_B05_MR
39708	ZM_043_B2_B06	ZM_043_B2_B06_T7C	
39709	ZM_043_B2_B07	ZM_043_B2_B07_T7C	
39710	ZM_043_B2_B10	ZM_043_B2_B10_T7C	
39711	ZM_043_B2_C01	ZM_043_B2_C01_T7C	
39712	ZM_043_B2_C02	ZM_043_B2_C02_T7C	
39713	ZM_043_B2_C04	ZM_043_B2_C04_T7C	
39714	ZM_043_B2_C04		ZM_043_B2_C04_MR
39715	ZM_043_B2_C05	ZM_043_B2_C05_T7C	
39716	ZM_043_B2_C06	ZM_043_B2_C06_T7C	
39717	ZM_043_B2_C07	ZM_043_B2_C07_T7C	
39718	ZM_043_B2_C07		ZM_043_B2_C07_MR
39719	ZM_043_B2_C08	ZM_043_B2_C08_T7C	
39720	ZM_043_B2_C09	ZM_043_B2_C09_T7C	
39721	ZM_043_B2_C10	ZM_043_B2_C10_T7C	
39722	ZM_043_B2_C11	ZM_043_B2_C11_T7C	
39723	ZM_043_B2_C12		ZM_043_B2_C12_MR
39724	ZM_043_B2_D01	ZM_043_B2_D01_T7C	
39725	ZM_043_B2_D01		ZM_043_B2_D01_MR
39726	ZM_043_B2_D03	ZM_043_B2_D03_T7C	
39727	ZM_043_B2_D03		ZM_043_B2_D03_MR
39728	ZM_043_B2_D04	ZM_043_B2_D04_T7C	
39729	ZM_043_B2_D05	ZM_043_B2_D05_T7C	
39730	ZM_043_B2_D07	ZM_043_B2_D07_T7C	
39731	ZM_043_B2_D07		ZM_043_B2_D07_MR
39732	ZM_043_B2_D09	ZM_043_B2_D09_T7C	
39733	ZM_043_B2_D09		ZM_043_B2_D09_MR
39734	ZM_043_B2_D10	ZM_043_B2_D10_T7C	
39735	ZM_043_B2_D10		ZM_043_B2_D10_MR
39736	ZM_043_B2_D12	ZM_043_B2_D12_T7C	
39737	ZM_043_B2_E01	ZM_043_B2_E01_T7C	
39738	ZM_043_B2_E01		ZM_043_B2_E01_MR
39739	ZM_043_B2_E02	ZM_043_B2_E02_T7C	
39740	ZM_043_B2_E07	ZM_043_B2_E07_T7C	
39741	ZM_043_B2_E10	ZM_043_B2_E10_T7C	
39742	ZM_043_B2_E10		ZM_043_B2_E10_MR
39743	ZM_043_B2_E11	ZM_043_B2_E11_T7C	
39744	ZM_043_B2_E12	ZM_043_B2_E12_T7C	
39745	ZM_043_B2_F01	ZM_043_B2_F01_T7C	
39746	ZM_043_B2_F01		ZM_043_B2_F01_MR
39747	ZM_043_B2_F04	ZM_043_B2_F04_T7C	
39748	ZM_043_B2_F10	ZM_043_B2_F10_T7C	
39749	ZM_043_B2_F11	ZM_043_B2_F11_T7C	
39750	ZM_043_B2_F12	ZM_043_B2_F12_T7C	
39751	ZM_043_B2_G05		ZM_043_B2_G05_MR
39752	ZM_043_B2_G07	ZM_043_B2_G07_T7C	
39753	ZM_043_B2_G08	ZM_043_B2_G08_T7C	
39754	ZM_043_B2_G10	ZM_043_B2_G10_T7C	
39755	ZM_043_B2_G10		ZM_043_B2_G10_MR
39756	ZM_043_B2_G12	ZM_043_B2_G12_T7C	
39757	ZM_043_B2_H01	ZM_043_B2_H01_T7C	
39758	ZM_043_B2_H01		ZM_043_B2_H01_MR
39759	ZM_043_B2_H04	ZM_043_B2_H04_T7C	
39760	ZM_043_B2_H05	ZM_043_B2_H05_T7C	
39761	ZM_043_B2_H07	ZM_043_B2_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39762	ZM_043_B2_H07		ZM_043_B2_H07_MR
39763	ZM_043_B2_H08	ZM_043_B2_H08_T7C	
39764	ZM_043_B2_H11	ZM_043_B2_H11_T7C	
39765	ZM_043_B2_H12		ZM_043_B2_H12_MR
39766	ZM_044_A1_A01		ZM_044_A1_A01_MR
39767	ZM_044_A1_A02	ZM_044_A1_A02_T7C	
39768	ZM_044_A1_A02		ZM_044_A1_A02_MR
39769	ZM_044_A1_A03	ZM_044_A1_A03_T7C	
39770	ZM_044_A1_A03		ZM_044_A1_A03_MR
39771	ZM_044_A1_A04	ZM_044_A1_A04_T7C	
39772	ZM_044_A1_A04		ZM_044_A1_A04_MR
39773	ZM_044_A1_A05		ZM_044_A1_A05_MR
39774	ZM_044_A1_A06		ZM_044_A1_A06_MR
39775	ZM_044_A1_A07	ZM_044_A1_A07_T7C	
39776	ZM_044_A1_A07		ZM_044_A1_A07_MR
39777	ZM_044_A1_A08		ZM_044_A1_A08_MR
39778	ZM_044_A1_A09	ZM_044_A1_A09_T7C	
39779	ZM_044_A1_A09		ZM_044_A1_A09_MR
39780	ZM_044_A1_A11	ZM_044_A1_A11_T7C	
39781	ZM_044_A1_A11		ZM_044_A1_A11_MR
39782	ZM_044_A1_A12	ZM_044_A1_A12_T7C	
39783	ZM_044_A1_A12		ZM_044_A1_A12_MR
39784	ZM_044_A1_B01	ZM_044_A1_B01_T7C	
39785	ZM_044_A1_B01		ZM_044_A1_B01_MR
39786	ZM_044_A1_B02	ZM_044_A1_B02_T7C	
39787	ZM_044_A1_B02		ZM_044_A1_B02_MR
39788	ZM_044_A1_B03	ZM_044_A1_B03_T7C	
39789	ZM_044_A1_B03		ZM_044_A1_B03_MR
39790	ZM_044_A1_B04	ZM_044_A1_B04_T7C	
39791	ZM_044_A1_B04		ZM_044_A1_B04_MR
39792	ZM_044_A1_B05	ZM_044_A1_B05_T7C	
39793	ZM_044_A1_B05		ZM_044_A1_B05_MR
39794	ZM_044_A1_B06	ZM_044_A1_B06_T7C	
39795	ZM_044_A1_B06		ZM_044_A1_B06_MR
39796	ZM_044_A1_B07	ZM_044_A1_B07_T7C	
39797	ZM_044_A1_B07		ZM_044_A1_B07_MR
39798	ZM_044_A1_B08		ZM_044_A1_B08_MR
39799	ZM_044_A1_B09	ZM_044_A1_B09_T7C	
39800	ZM_044_A1_B09		ZM_044_A1_B09_MR
39801	ZM_044_A1_B11		ZM_044_A1_B11_MR
39802	ZM_044_A1_C01	ZM_044_A1_C01_T7C	
39803	ZM_044_A1_C01		ZM_044_A1_C01_MR
39804	ZM_044_A1_C02		ZM_044_A1_C02_MR
39805	ZM_044_A1_C03	ZM_044_A1_C03_T7C	
39806	ZM_044_A1_C03		ZM_044_A1_C03_MR
39807	ZM_044_A1_C04	ZM_044_A1_C04_T7C	
39808	ZM_044_A1_C04		ZM_044_A1_C04_MR
39809	ZM_044_A1_C05	ZM_044_A1_C05_T7C	
39810	ZM_044_A1_C05		ZM_044_A1_C05_MR
39811	ZM_044_A1_C06	ZM_044_A1_C06_T7C	
39812	ZM_044_A1_C06		ZM_044_A1_C06_MR
39813	ZM_044_A1_C07	ZM_044_A1_C07_T7C	
39814	ZM_044_A1_C07		ZM_044_A1_C07_MR
39815	ZM_044_A1_C08	ZM_044_A1_C08_T7C	
39816	ZM_044_A1_C08		ZM_044_A1_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39817	ZM_044_A1_C09		ZM_044_A1_C09_MR
39818	ZM_044_A1_C11	ZM_044_A1_C11_T7C	
39819	ZM_044_A1_C11		ZM_044_A1_C11_MR
39820	ZM_044_A1_D01	ZM_044_A1_D01_T7C	
39821	ZM_044_A1_D01		ZM_044_A1_D01_MR
39822	ZM_044_A1_D02	ZM_044_A1_D02_T7C	
39823	ZM_044_A1_D02		ZM_044_A1_D02_MR
39824	ZM_044_A1_D03		ZM_044_A1_D03_MR
39825	ZM_044_A1_D04	ZM_044_A1_D04_T7C	
39826	ZM_044_A1_D04		ZM_044_A1_D04_MR
39827	ZM_044_A1_D05	ZM_044_A1_D05_T7C	
39828	ZM_044_A1_D05		ZM_044_A1_D05_MR
39829	ZM_044_A1_D06		ZM_044_A1_D06_MR
39830	ZM_044_A1_D07	ZM_044_A1_D07_T7C	
39831	ZM_044_A1_D07		ZM_044_A1_D07_MR
39832	ZM_044_A1_D08		ZM_044_A1_D08_MR
39833	ZM_044_A1_D09	ZM_044_A1_D09_T7C	
39834	ZM_044_A1_D09		ZM_044_A1_D09_MR
39835	ZM_044_A1_D10		ZM_044_A1_D10_MR
39836	ZM_044_A1_D11	ZM_044_A1_D11_T7C	
39837	ZM_044_A1_D11		ZM_044_A1_D11_MR
39838	ZM_044_A1_D12	ZM_044_A1_D12_T7C	
39839	ZM_044_A1_D12		ZM_044_A1_D12_MR
39840	ZM_044_A1_E01	ZM_044_A1_E01_T7C	
39841	ZM_044_A1_E02	ZM_044_A1_E02_T7C	
39842	ZM_044_A1_E02		ZM_044_A1_E02_MR
39843	ZM_044_A1_E03	ZM_044_A1_E03_T7C	
39844	ZM_044_A1_E03		ZM_044_A1_E03_MR
39845	ZM_044_A1_E04		ZM_044_A1_E04_MR
39846	ZM_044_A1_E05		ZM_044_A1_E05_MR
39847	ZM_044_A1_E06	ZM_044_A1_E06_T7C	
39848	ZM_044_A1_E06		ZM_044_A1_E06_MR
39849	ZM_044_A1_E07		ZM_044_A1_E07_MR
39850	ZM_044_A1_E08		ZM_044_A1_E08_MR
39851	ZM_044_A1_E09		ZM_044_A1_E09_MR
39852	ZM_044_A1_E10	ZM_044_A1_E10_T7C	
39853	ZM_044_A1_E10		ZM_044_A1_E10_MR
39854	ZM_044_A1_E11	ZM_044_A1_E11_T7C	
39855	ZM_044_A1_E11		ZM_044_A1_E11_MR
39856	ZM_044_A1_E12	ZM_044_A1_E12_T7C	
39857	ZM_044_A1_E12		ZM_044_A1_E12_MR
39858	ZM_044_A1_F01	ZM_044_A1_F01_T7C	
39859	ZM_044_A1_F01		ZM_044_A1_F01_MR
39860	ZM_044_A1_F02	ZM_044_A1_F02_T7C	
39861	ZM_044_A1_F02		ZM_044_A1_F02_MR
39862	ZM_044_A1_F03		ZM_044_A1_F03_MR
39863	ZM_044_A1_F04	ZM_044_A1_F04_T7C	
39864	ZM_044_A1_F04		ZM_044_A1_F04_MR
39865	ZM_044_A1_F05		ZM_044_A1_F05_MR
39866	ZM_044_A1_F06	ZM_044_A1_F06_T7C	
39867	ZM_044_A1_F06		ZM_044_A1_F06_MR
39868	ZM_044_A1_F07	ZM_044_A1_F07_T7C	
39869	ZM_044_A1_F07		ZM_044_A1_F07_MR
39870	ZM_044_A1_F08		ZM_044_A1_F08_MR
39871	ZM_044_A1_F09		ZM_044_A1_F09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39872	ZM_044_A1_F10	ZM_044_A1_F10_T7C	ZM_044_A1_F10_MR
39873	ZM_044_A1_F10		
39874	ZM_044_A1_F11	ZM_044_A1_F11_T7C	ZM_044_A1_F11_MR
39875	ZM_044_A1_F11		
39876	ZM_044_A1_F12	ZM_044_A1_F12_T7C	ZM_044_A1_F12_MR
39877	ZM_044_A1_F12		ZM_044_A1_G01_MR
39878	ZM_044_A1_G01		ZM_044_A1_G02_MR
39879	ZM_044_A1_G02		ZM_044_A1_G03_MR
39880	ZM_044_A1_G03		ZM_044_A1_G04_MR
39881	ZM_044_A1_G04		
39882	ZM_044_A1_G05	ZM_044_A1_G05_T7C	ZM_044_A1_G05_MR
39883	ZM_044_A1_G05		
39884	ZM_044_A1_G06	ZM_044_A1_G06_T7C	ZM_044_A1_G06_MR
39885	ZM_044_A1_G06		
39886	ZM_044_A1_G07	ZM_044_A1_G07_T7C	ZM_044_A1_G07_MR
39887	ZM_044_A1_G07		ZM_044_A1_G08_MR
39888	ZM_044_A1_G08		ZM_044_A1_G09_MR
39889	ZM_044_A1_G09		
39890	ZM_044_A1_G10	ZM_044_A1_G10_T7C	ZM_044_A1_G10_MR
39891	ZM_044_A1_G10		
39892	ZM_044_A1_G11	ZM_044_A1_G11_T7C	ZM_044_A1_G11_MR
39893	ZM_044_A1_G11		ZM_044_A1_G12_MR
39894	ZM_044_A1_G12		
39895	ZM_044_A1_H01	ZM_044_A1_H01_T7C	ZM_044_A1_H01_MR
39896	ZM_044_A1_H01		ZM_044_A1_H02_MR
39897	ZM_044_A1_H02		ZM_044_A1_H03_MR
39898	ZM_044_A1_H03		ZM_044_A1_H04_MR
39899	ZM_044_A1_H04		
39900	ZM_044_A1_H05	ZM_044_A1_H05_T7C	ZM_044_A1_H05_MR
39901	ZM_044_A1_H05		
39902	ZM_044_A1_H06	ZM_044_A1_H06_T7C	ZM_044_A1_H06_MR
39903	ZM_044_A1_H06		
39904	ZM_044_A1_H07	ZM_044_A1_H07_T7C	ZM_044_A1_H07_MR
39905	ZM_044_A1_H07		
39906	ZM_044_A1_H08	ZM_044_A1_H08_T7C	ZM_044_A1_H08_MR
39907	ZM_044_A1_H08		ZM_044_A1_H09_MR
39908	ZM_044_A1_H09		
39909	ZM_044_A1_H10	ZM_044_A1_H10_T7C	ZM_044_A1_H10_MR
39910	ZM_044_A1_H10		
39911	ZM_044_A1_H11	ZM_044_A1_H11_T7C	ZM_044_A1_H11_MR
39912	ZM_044_A1_H11		
39913	ZM_044_A2_A01	ZM_044_A2_A01_T7C	
39914	ZM_044_A2_A02	ZM_044_A2_A02_T7C	
39915	ZM_044_A2_A03	ZM_044_A2_A03_T7C	
39916	ZM_044_A2_A04	ZM_044_A2_A04_T7C	
39917	ZM_044_A2_A05	ZM_044_A2_A05_T7C	
39918	ZM_044_A2_A06	ZM_044_A2_A06_T7C	
39919	ZM_044_A2_A07	ZM_044_A2_A07_T7C	
39920	ZM_044_A2_A08	ZM_044_A2_A08_T7C	
39921	ZM_044_A2_A09	ZM_044_A2_A09_T7C	
39922	ZM_044_A2_A12	ZM_044_A2_A12_T7C	
39923	ZM_044_A2_B01	ZM_044_A2_B01_T7C	
39924	ZM_044_A2_B02	ZM_044_A2_B02_T7C	
39925	ZM_044_A2_B03	ZM_044_A2_B03_T7C	
39926	ZM_044_A2_B04	ZM_044_A2_B04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39927	ZM_044_A2_B05	ZM_044_A2_B05_T7C	
39928	ZM_044_A2_B06	ZM_044_A2_B06_T7C	
39929	ZM_044_A2_B07	ZM_044_A2_B07_T7C	
39930	ZM_044_A2_B08	ZM_044_A2_B08_T7C	
39931	ZM_044_A2_B09	ZM_044_A2_B09_T7C	
39932	ZM_044_A2_B11	ZM_044_A2_B11_T7C	
39933	ZM_044_A2_C01	ZM_044_A2_C01_T7C	
39934	ZM_044_A2_C02	ZM_044_A2_C02_T7C	
39935	ZM_044_A2_C03	ZM_044_A2_C03_T7C	
39936	ZM_044_A2_C04	ZM_044_A2_C04_T7C	
39937	ZM_044_A2_C05	ZM_044_A2_C05_T7C	
39938	ZM_044_A2_C06	ZM_044_A2_C06_T7C	
39939	ZM_044_A2_C07	ZM_044_A2_C07_T7C	
39940	ZM_044_A2_C08	ZM_044_A2_C08_T7C	
39941	ZM_044_A2_C09	ZM_044_A2_C09_T7C	
39942	ZM_044_A2_C11	ZM_044_A2_C11_T7C	
39943	ZM_044_A2_C12	ZM_044_A2_C12_T7C	
39944	ZM_044_A2_D01	ZM_044_A2_D01_T7C	
39945	ZM_044_A2_D02	ZM_044_A2_D02_T7C	
39946	ZM_044_A2_D03	ZM_044_A2_D03_T7C	
39947	ZM_044_A2_D04	ZM_044_A2_D04_T7C	
39948	ZM_044_A2_D05	ZM_044_A2_D05_T7C	
39949	ZM_044_A2_D06	ZM_044_A2_D06_T7C	
39950	ZM_044_A2_D07	ZM_044_A2_D07_T7C	
39951	ZM_044_A2_D08	ZM_044_A2_D08_T7C	
39952	ZM_044_A2_D09	ZM_044_A2_D09_T7C	
39953	ZM_044_A2_D11	ZM_044_A2_D11_T7C	
39954	ZM_044_A2_D12	ZM_044_A2_D12_T7C	
39955	ZM_044_A2_E01	ZM_044_A2_E01_T7C	
39956	ZM_044_A2_E02	ZM_044_A2_E02_T7C	
39957	ZM_044_A2_E03	ZM_044_A2_E03_T7C	
39958	ZM_044_A2_E04	ZM_044_A2_E04_T7C	
39959	ZM_044_A2_E05	ZM_044_A2_E05_T7C	
39960	ZM_044_A2_E06	ZM_044_A2_E06_T7C	
39961	ZM_044_A2_E07	ZM_044_A2_E07_T7C	
39962	ZM_044_A2_E08	ZM_044_A2_E08_T7C	
39963	ZM_044_A2_E09	ZM_044_A2_E09_T7C	
39964	ZM_044_A2_E10	ZM_044_A2_E10_T7C	
39965	ZM_044_A2_E11	ZM_044_A2_E11_T7C	
39966	ZM_044_A2_E12	ZM_044_A2_E12_T7C	
39967	ZM_044_A2_F01	ZM_044_A2_F01_T7C	
39968	ZM_044_A2_F02	ZM_044_A2_F02_T7C	
39969	ZM_044_A2_F03	ZM_044_A2_F03_T7C	
39970	ZM_044_A2_F04	ZM_044_A2_F04_T7C	
39971	ZM_044_A2_F05	ZM_044_A2_F05_T7C	
39972	ZM_044_A2_F06	ZM_044_A2_F06_T7C	
39973	ZM_044_A2_F07	ZM_044_A2_F07_T7C	
39974	ZM_044_A2_F08	ZM_044_A2_F08_T7C	
39975	ZM_044_A2_F09	ZM_044_A2_F09_T7C	
39976	ZM_044_A2_F10	ZM_044_A2_F10_T7C	
39977	ZM_044_A2_F11	ZM_044_A2_F11_T7C	
39978	ZM_044_A2_F12	ZM_044_A2_F12_T7C	
39979	ZM_044_A2_G01	ZM_044_A2_G01_T7C	
39980	ZM_044_A2_G03	ZM_044_A2_G03_T7C	
39981	ZM_044_A2_G04	ZM_044_A2_G04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
39982	ZM_044_A2_G05	ZM_044_A2_G05_T7C	
39983	ZM_044_A2_G06	ZM_044_A2_G06_T7C	
39984	ZM_044_A2_G08	ZM_044_A2_G08_T7C	
39985	ZM_044_A2_G09	ZM_044_A2_G09_T7C	
39986	ZM_044_A2_G10	ZM_044_A2_G10_T7C	
39987	ZM_044_A2_G11	ZM_044_A2_G11_T7C	
39988	ZM_044_A2_G12	ZM_044_A2_G12_T7C	
39989	ZM_044_A2_H02	ZM_044_A2_H02_T7C	
39990	ZM_044_A2_H03	ZM_044_A2_H03_T7C	
39991	ZM_044_A2_H04	ZM_044_A2_H04_T7C	
39992	ZM_044_A2_H05	ZM_044_A2_H05_T7C	
39993	ZM_044_A2_H06	ZM_044_A2_H06_T7C	
39994	ZM_044_A2_H07	ZM_044_A2_H07_T7C	
39995	ZM_044_A2_H08	ZM_044_A2_H08_T7C	
39996	ZM_044_A2_H09	ZM_044_A2_H09_T7C	
39997	ZM_044_A2_H10	ZM_044_A2_H10_T7C	
39998	ZM_044_A2_H11	ZM_044_A2_H11_T7C	
39999	ZM_044_A2_H12	ZM_044_A2_H12_T7C	
40000	ZM_044_B2_A01	ZM_044_B2_A01_T7C	
40001	ZM_044_B2_A01		ZM_044_B2_A01_MR
40002	ZM_044_B2_A02	ZM_044_B2_A02_T7C	
40003	ZM_044_B2_A02		ZM_044_B2_A02_MR
40004	ZM_044_B2_A03	ZM_044_B2_A03_T7C	
40005	ZM_044_B2_A03		ZM_044_B2_A03_MR
40006	ZM_044_B2_A04	ZM_044_B2_A04_T7C	
40007	ZM_044_B2_A04		ZM_044_B2_A04_MR
40008	ZM_044_B2_A05		ZM_044_B2_A05_MR
40009	ZM_044_B2_A06	ZM_044_B2_A06_T7C	
40010	ZM_044_B2_A06		ZM_044_B2_A06_MR
40011	ZM_044_B2_A07	ZM_044_B2_A07_T7C	
40012	ZM_044_B2_A07		ZM_044_B2_A07_MR
40013	ZM_044_B2_A08	ZM_044_B2_A08_T7C	
40014	ZM_044_B2_A08		ZM_044_B2_A08_MR
40015	ZM_044_B2_A09	ZM_044_B2_A09_T7C	
40016	ZM_044_B2_A09		ZM_044_B2_A09_MR
40017	ZM_044_B2_A10	ZM_044_B2_A10_T7C	
40018	ZM_044_B2_A10		ZM_044_B2_A10_MR
40019	ZM_044_B2_A11	ZM_044_B2_A11_T7C	
40020	ZM_044_B2_A11		ZM_044_B2_A11_MR
40021	ZM_044_B2_A12	ZM_044_B2_A12_T7C	
40022	ZM_044_B2_A12		ZM_044_B2_A12_MR
40023	ZM_044_B2_B01	ZM_044_B2_B01_T7C	
40024	ZM_044_B2_B01		ZM_044_B2_B01_MR
40025	ZM_044_B2_B02	ZM_044_B2_B02_T7C	
40026	ZM_044_B2_B02		ZM_044_B2_B02_MR
40027	ZM_044_B2_B03	ZM_044_B2_B03_T7C	
40028	ZM_044_B2_B03		ZM_044_B2_B03_MR
40029	ZM_044_B2_B04	ZM_044_B2_B04_T7C	
40030	ZM_044_B2_B04		ZM_044_B2_B04_MR
40031	ZM_044_B2_B05	ZM_044_B2_B05_T7C	
40032	ZM_044_B2_B05		ZM_044_B2_B05_MR
40033	ZM_044_B2_B06	ZM_044_B2_B06_T7C	
40034	ZM_044_B2_B06		ZM_044_B2_B06_MR
40035	ZM_044_B2_B07	ZM_044_B2_B07_T7C	
40036	ZM_044_B2_B07		ZM_044_B2_B07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40037	ZM_044_B2_B08	ZM_044_B2_B08_T7C	
40038	ZM_044_B2_B09	ZM_044_B2_B09_T7C	
40039	ZM_044_B2_B09		ZM_044_B2_B09_MR
40040	ZM_044_B2_B11	ZM_044_B2_B11_T7C	
40041	ZM_044_B2_B12	ZM_044_B2_B12_T7C	
40042	ZM_044_B2_B12		ZM_044_B2_B12_MR
40043	ZM_044_B2_C01	ZM_044_B2_C01_T7C	
40044	ZM_044_B2_C01		ZM_044_B2_C01_MR
40045	ZM_044_B2_C02	ZM_044_B2_C02_T7C	
40046	ZM_044_B2_C02		ZM_044_B2_C02_MR
40047	ZM_044_B2_C03	ZM_044_B2_C03_T7C	
40048	ZM_044_B2_C03		ZM_044_B2_C03_MR
40049	ZM_044_B2_C04	ZM_044_B2_C04_T7C	
40050	ZM_044_B2_C05	ZM_044_B2_C05_T7C	
40051	ZM_044_B2_C05		ZM_044_B2_C05_MR
40052	ZM_044_B2_C06		ZM_044_B2_C06_MR
40053	ZM_044_B2_C07	ZM_044_B2_C07_T7C	
40054	ZM_044_B2_C07		ZM_044_B2_C07_MR
40055	ZM_044_B2_C08	ZM_044_B2_C08_T7C	
40056	ZM_044_B2_C08		ZM_044_B2_C08_MR
40057	ZM_044_B2_C10	ZM_044_B2_C10_T7C	
40058	ZM_044_B2_C10		ZM_044_B2_C10_MR
40059	ZM_044_B2_C11	ZM_044_B2_C11_T7C	
40060	ZM_044_B2_C11		ZM_044_B2_C11_MR
40061	ZM_044_B2_C12	ZM_044_B2_C12_T7C	
40062	ZM_044_B2_C12		ZM_044_B2_C12_MR
40063	ZM_044_B2_D01	ZM_044_B2_D01_T7C	
40064	ZM_044_B2_D01		ZM_044_B2_D01_MR
40065	ZM_044_B2_D02	ZM_044_B2_D02_T7C	
40066	ZM_044_B2_D02		ZM_044_B2_D02_MR
40067	ZM_044_B2_D03	ZM_044_B2_D03_T7C	
40068	ZM_044_B2_D03		ZM_044_B2_D03_MR
40069	ZM_044_B2_D04	ZM_044_B2_D04_T7C	
40070	ZM_044_B2_D04		ZM_044_B2_D04_MR
40071	ZM_044_B2_D05	ZM_044_B2_D05_T7C	
40072	ZM_044_B2_D05		ZM_044_B2_D05_MR
40073	ZM_044_B2_D06	ZM_044_B2_D06_T7C	
40074	ZM_044_B2_D06		ZM_044_B2_D06_MR
40075	ZM_044_B2_D07	ZM_044_B2_D07_T7C	
40076	ZM_044_B2_D07		ZM_044_B2_D07_MR
40077	ZM_044_B2_D08	ZM_044_B2_D08_T7C	
40078	ZM_044_B2_D08		ZM_044_B2_D08_MR
40079	ZM_044_B2_D09	ZM_044_B2_D09_T7C	
40080	ZM_044_B2_D10	ZM_044_B2_D10_T7C	
40081	ZM_044_B2_D10		ZM_044_B2_D10_MR
40082	ZM_044_B2_D11	ZM_044_B2_D11_T7C	
40083	ZM_044_B2_D11		ZM_044_B2_D11_MR
40084	ZM_044_B2_D12	ZM_044_B2_D12_T7C	
40085	ZM_044_B2_D12		ZM_044_B2_D12_MR
40086	ZM_044_B2_E01	ZM_044_B2_E01_T7C	
40087	ZM_044_B2_E01		ZM_044_B2_E01_MR
40088	ZM_044_B2_E02	ZM_044_B2_E02_T7C	
40089	ZM_044_B2_E02		ZM_044_B2_E02_MR
40090	ZM_044_B2_E03	ZM_044_B2_E03_T7C	
40091	ZM_044_B2_E03		ZM_044_B2_E03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40092	ZM_044_B2_E04	ZM_044_B2_E04_T7C	
40093	ZM_044_B2_E04		ZM_044_B2_E04_MR
40094	ZM_044_B2_E05		ZM_044_B2_E05_MR
40095	ZM_044_B2_E06		ZM_044_B2_E06_MR
40096	ZM_044_B2_E07	ZM_044_B2_E07_T7C	
40097	ZM_044_B2_E07		ZM_044_B2_E07_MR
40098	ZM_044_B2_E08	ZM_044_B2_E08_T7C	
40099	ZM_044_B2_E08		ZM_044_B2_E08_MR
40100	ZM_044_B2_E09	ZM_044_B2_E09_T7C	
40101	ZM_044_B2_E09		ZM_044_B2_E09_MR
40102	ZM_044_B2_E10	ZM_044_B2_E10_T7C	
40103	ZM_044_B2_E11	ZM_044_B2_E11_T7C	
40104	ZM_044_B2_E11		ZM_044_B2_E11_MR
40105	ZM_044_B2_E12	ZM_044_B2_E12_T7C	
40106	ZM_044_B2_E12		ZM_044_B2_E12_MR
40107	ZM_044_B2_F01	ZM_044_B2_F01_T7C	
40108	ZM_044_B2_F01		ZM_044_B2_F01_MR
40109	ZM_044_B2_F02	ZM_044_B2_F02_T7C	
40110	ZM_044_B2_F02		ZM_044_B2_F02_MR
40111	ZM_044_B2_F03	ZM_044_B2_F03_T7C	
40112	ZM_044_B2_F03		ZM_044_B2_F03_MR
40113	ZM_044_B2_F04	ZM_044_B2_F04_T7C	
40114	ZM_044_B2_F05	ZM_044_B2_F05_T7C	
40115	ZM_044_B2_F07	ZM_044_B2_F07_T7C	
40116	ZM_044_B2_F07		ZM_044_B2_F07_MR
40117	ZM_044_B2_F09	ZM_044_B2_F09_T7C	
40118	ZM_044_B2_F09		ZM_044_B2_F09_MR
40119	ZM_044_B2_F10	ZM_044_B2_F10_T7C	
40120	ZM_044_B2_F11	ZM_044_B2_F11_T7C	
40121	ZM_044_B2_F11		ZM_044_B2_F11_MR
40122	ZM_044_B2_F12	ZM_044_B2_F12_T7C	
40123	ZM_044_B2_F12		ZM_044_B2_F12_MR
40124	ZM_044_B2_G01	ZM_044_B2_G01_T7C	
40125	ZM_044_B2_G01		ZM_044_B2_G01_MR
40126	ZM_044_B2_G02	ZM_044_B2_G02_T7C	
40127	ZM_044_B2_G02		ZM_044_B2_G02_MR
40128	ZM_044_B2_G03	ZM_044_B2_G03_T7C	
40129	ZM_044_B2_G03		ZM_044_B2_G03_MR
40130	ZM_044_B2_G04	ZM_044_B2_G04_T7C	
40131	ZM_044_B2_G05	ZM_044_B2_G05_T7C	
40132	ZM_044_B2_G06	ZM_044_B2_G06_T7C	
40133	ZM_044_B2_G06		ZM_044_B2_G06_MR
40134	ZM_044_B2_G07	ZM_044_B2_G07_T7C	
40135	ZM_044_B2_G07		ZM_044_B2_G07_MR
40136	ZM_044_B2_G08	ZM_044_B2_G08_T7C	
40137	ZM_044_B2_G08		ZM_044_B2_G08_MR
40138	ZM_044_B2_G09	ZM_044_B2_G09_T7C	
40139	ZM_044_B2_G10	ZM_044_B2_G10_T7C	
40140	ZM_044_B2_G10		ZM_044_B2_G10_MR
40141	ZM_044_B2_G11	ZM_044_B2_G11_T7C	
40142	ZM_044_B2_G11		ZM_044_B2_G11_MR
40143	ZM_044_B2_G12	ZM_044_B2_G12_T7C	
40144	ZM_044_B2_G12		ZM_044_B2_G12_MR
40145	ZM_044_B2_H01	ZM_044_B2_H01_T7C	
40146	ZM_044_B2_H01		ZM_044_B2_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40147	ZM_044_B2_H02	ZM_044_B2_H02_T7C	
40148	ZM_044_B2_H03	ZM_044_B2_H03_T7C	
40149	ZM_044_B2_H04	ZM_044_B2_H04_T7C	
40150	ZM_044_B2_H04		ZM_044_B2_H04_MR
40151	ZM_044_B2_H05	ZM_044_B2_H05_T7C	
40152	ZM_044_B2_H05		ZM_044_B2_H05_MR
40153	ZM_044_B2_H06	ZM_044_B2_H06_T7C	
40154	ZM_044_B2_H06		ZM_044_B2_H06_MR
40155	ZM_044_B2_H07	ZM_044_B2_H07_T7C	
40156	ZM_044_B2_H07		ZM_044_B2_H07_MR
40157	ZM_044_B2_H08	ZM_044_B2_H08_T7C	
40158	ZM_044_B2_H08		ZM_044_B2_H08_MR
40159	ZM_044_B2_H09	ZM_044_B2_H09_T7C	
40160	ZM_044_B2_H09		ZM_044_B2_H09_MR
40161	ZM_044_B2_H10	ZM_044_B2_H10_T7C	
40162	ZM_044_B2_H10		ZM_044_B2_H10_MR
40163	ZM_044_B2_H11	ZM_044_B2_H11_T7C	
40164	ZM_044_B2_H11		ZM_044_B2_H11_MR
40165	ZM_044_B2_H12	ZM_044_B2_H12_T7C	
40166	ZM_044_B2_H12		ZM_044_B2_H12_MR
40167	ZM_045_B2_A01	ZM_045_B2_A01_T7C	
40168	ZM_045_B2_A02	ZM_045_B2_A02_T7C	
40169	ZM_045_B2_A02		ZM_045_B2_A02_MR
40170	ZM_045_B2_A03	ZM_045_B2_A03_T7C	
40171	ZM_045_B2_A03		ZM_045_B2_A03_MR
40172	ZM_045_B2_A04	ZM_045_B2_A04_T7C	
40173	ZM_045_B2_A04		ZM_045_B2_A04_MR
40174	ZM_045_B2_A05	ZM_045_B2_A05_T7C	
40175	ZM_045_B2_A05		ZM_045_B2_A05_MR
40176	ZM_045_B2_A06	ZM_045_B2_A06_T7C	
40177	ZM_045_B2_A06		ZM_045_B2_A06_MR
40178	ZM_045_B2_A07	ZM_045_B2_A07_T7C	
40179	ZM_045_B2_A07		ZM_045_B2_A07_MR
40180	ZM_045_B2_A08	ZM_045_B2_A08_T7C	
40181	ZM_045_B2_A08		ZM_045_B2_A08_MR
40182	ZM_045_B2_A09	ZM_045_B2_A09_T7C	
40183	ZM_045_B2_A09		ZM_045_B2_A09_MR
40184	ZM_045_B2_A11		ZM_045_B2_A11_MR
40185	ZM_045_B2_A12	ZM_045_B2_A12_T7C	
40186	ZM_045_B2_A12		ZM_045_B2_A12_MR
40187	ZM_045_B2_B01	ZM_045_B2_B01_T7C	
40188	ZM_045_B2_B01		ZM_045_B2_B01_MR
40189	ZM_045_B2_B02		ZM_045_B2_B02_MR
40190	ZM_045_B2_B03		ZM_045_B2_B03_MR
40191	ZM_045_B2_B04	ZM_045_B2_B04_T7C	
40192	ZM_045_B2_B05	ZM_045_B2_B05_T7C	
40193	ZM_045_B2_B05		ZM_045_B2_B05_MR
40194	ZM_045_B2_B07	ZM_045_B2_B07_T7C	
40195	ZM_045_B2_B07		ZM_045_B2_B07_MR
40196	ZM_045_B2_B08	ZM_045_B2_B08_T7C	
40197	ZM_045_B2_B08		ZM_045_B2_B08_MR
40198	ZM_045_B2_B09	ZM_045_B2_B09_T7C	
40199	ZM_045_B2_B09		ZM_045_B2_B09_MR
40200	ZM_045_B2_B10		ZM_045_B2_B10_MR
40201	ZM_045_B2_B11	ZM_045_B2_B11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40202	ZM_045_B2_B11		ZM_045_B2_B11_MR
40203	ZM_045_B2_B12	ZM_045_B2_B12_T7C	
40204	ZM_045_B2_B12		ZM_045_B2_B12_MR
40205	ZM_045_B2_C02	ZM_045_B2_C02_T7C	
40206	ZM_045_B2_C02		ZM_045_B2_C02_MR
40207	ZM_045_B2_C03	ZM_045_B2_C03_T7C	
40208	ZM_045_B2_C03		ZM_045_B2_C03_MR
40209	ZM_045_B2_C04	ZM_045_B2_C04_T7C	
40210	ZM_045_B2_C07	ZM_045_B2_C07_T7C	
40211	ZM_045_B2_C07		ZM_045_B2_C07_MR
40212	ZM_045_B2_D01	ZM_045_B2_D01_T7C	
40213	ZM_045_B2_D01		ZM_045_B2_D01_MR
40214	ZM_045_B2_D03	ZM_045_B2_D03_T7C	
40215	ZM_045_B2_D04	ZM_045_B2_D04_T7C	
40216	ZM_045_B2_D06		ZM_045_B2_D06_MR
40217	ZM_045_B2_D07	ZM_045_B2_D07_T7C	
40218	ZM_045_B2_D07		ZM_045_B2_D07_MR
40219	ZM_045_B2_D08	ZM_045_B2_D08_T7C	
40220	ZM_045_B2_D08		ZM_045_B2_D08_MR
40221	ZM_045_B2_D09		ZM_045_B2_D09_MR
40222	ZM_045_B2_D10	ZM_045_B2_D10_T7C	
40223	ZM_045_B2_D10		ZM_045_B2_D10_MR
40224	ZM_045_B2_D11	ZM_045_B2_D11_T7C	
40225	ZM_045_B2_D11		ZM_045_B2_D11_MR
40226	ZM_045_B2_D12		ZM_045_B2_D12_MR
40227	ZM_045_B2_E01	ZM_045_B2_E01_T7C	
40228	ZM_045_B2_E01		ZM_045_B2_E01_MR
40229	ZM_045_B2_E02	ZM_045_B2_E02_T7C	
40230	ZM_045_B2_E02		ZM_045_B2_E02_MR
40231	ZM_045_B2_E03	ZM_045_B2_E03_T7C	
40232	ZM_045_B2_E03		ZM_045_B2_E03_MR
40233	ZM_045_B2_E04	ZM_045_B2_E04_T7C	
40234	ZM_045_B2_E05	ZM_045_B2_E05_T7C	
40235	ZM_045_B2_E05		ZM_045_B2_E05_MR
40236	ZM_045_B2_E06	ZM_045_B2_E06_T7C	
40237	ZM_045_B2_E06		ZM_045_B2_E06_MR
40238	ZM_045_B2_E07	ZM_045_B2_E07_T7C	
40239	ZM_045_B2_E07		ZM_045_B2_E07_MR
40240	ZM_045_B2_E08		ZM_045_B2_E08_MR
40241	ZM_045_B2_E09	ZM_045_B2_E09_T7C	
40242	ZM_045_B2_E09		ZM_045_B2_E09_MR
40243	ZM_045_B2_E11	ZM_045_B2_E11_T7C	
40244	ZM_045_B2_E11		ZM_045_B2_E11_MR
40245	ZM_045_B2_E12		ZM_045_B2_E12_MR
40246	ZM_045_B2_F01	ZM_045_B2_F01_T7C	
40247	ZM_045_B2_F01		ZM_045_B2_F01_MR
40248	ZM_045_B2_F03	ZM_045_B2_F03_T7C	
40249	ZM_045_B2_F04	ZM_045_B2_F04_T7C	
40250	ZM_045_B2_F05	ZM_045_B2_F05_T7C	
40251	ZM_045_B2_F05		ZM_045_B2_F05_MR
40252	ZM_045_B2_F06		ZM_045_B2_F06_MR
40253	ZM_045_B2_F07	ZM_045_B2_F07_T7C	
40254	ZM_045_B2_F07		ZM_045_B2_F07_MR
40255	ZM_045_B2_F08	ZM_045_B2_F08_T7C	
40256	ZM_045_B2_F08		ZM_045_B2_F08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40257	ZM_045_B2_F09	ZM_045_B2_F09_T7C	ZM_045_B2_F09_MR
40258	ZM_045_B2_F09		
40259	ZM_045_B2_F10	ZM_045_B2_F10_T7C	ZM_045_B2_F10_MR
40260	ZM_045_B2_F10		
40261	ZM_045_B2_F11	ZM_045_B2_F11_T7C	ZM_045_B2_F11_MR
40262	ZM_045_B2_F11		
40263	ZM_045_B2_F12	ZM_045_B2_F12_T7C	ZM_045_B2_F12_MR
40264	ZM_045_B2_F12		
40265	ZM_045_B2_G01	ZM_045_B2_G01_T7C	ZM_045_B2_G01_MR
40266	ZM_045_B2_G01		ZM_045_B2_G02_MR
40267	ZM_045_B2_G02		
40268	ZM_045_B2_G04	ZM_045_B2_G04_T7C	
40269	ZM_045_B2_G05	ZM_045_B2_G05_T7C	ZM_045_B2_G05_MR
40270	ZM_045_B2_G05		ZM_045_B2_G06_MR
40271	ZM_045_B2_G06		
40272	ZM_045_B2_G07	ZM_045_B2_G07_T7C	ZM_045_B2_G07_MR
40273	ZM_045_B2_G07		
40274	ZM_045_B2_G08	ZM_045_B2_G08_T7C	ZM_045_B2_G08_MR
40275	ZM_045_B2_G08		
40276	ZM_045_B2_G09	ZM_045_B2_G09_T7C	ZM_045_B2_G09_MR
40277	ZM_045_B2_G09		
40278	ZM_045_B2_G10	ZM_045_B2_G10_T7C	ZM_045_B2_G10_MR
40279	ZM_045_B2_G10		
40280	ZM_045_B2_G11	ZM_045_B2_G11_T7C	ZM_045_B2_G11_MR
40281	ZM_045_B2_G11		
40282	ZM_045_B2_G12	ZM_045_B2_G12_T7C	ZM_045_B2_G12_MR
40283	ZM_045_B2_G12		ZM_045_B2_H01_MR
40284	ZM_045_B2_H01		
40285	ZM_045_B2_H02	ZM_045_B2_H02_T7C	ZM_045_B2_H02_MR
40286	ZM_045_B2_H02		
40287	ZM_045_B2_H03	ZM_045_B2_H03_T7C	
40288	ZM_045_B2_H04	ZM_045_B2_H04_T7C	
40289	ZM_045_B2_H05	ZM_045_B2_H05_T7C	ZM_045_B2_H05_MR
40290	ZM_045_B2_H05		
40291	ZM_045_B2_H06	ZM_045_B2_H06_T7C	ZM_045_B2_H06_MR
40292	ZM_045_B2_H06		ZM_045_B2_H07_MR
40293	ZM_045_B2_H07		
40294	ZM_045_B2_H08	ZM_045_B2_H08_T7C	ZM_045_B2_H08_MR
40295	ZM_045_B2_H08		ZM_045_B2_H09_MR
40296	ZM_045_B2_H09		
40297	ZM_045_B2_H10	ZM_045_B2_H10_T7C	ZM_045_B2_H10_MR
40298	ZM_045_B2_H10		ZM_045_B2_H11_MR
40299	ZM_045_B2_H11		
40300	ZM_045_B2_H12	ZM_045_B2_H12_T7C	ZM_045_B2_H12_MR
40301	ZM_045_B2_H12		ZM_046_A1_A01_MR
40302	ZM_046_A1_A01		
40303	ZM_046_A1_A02	ZM_046_A1_A02_T7C	ZM_046_A1_A02_MR
40304	ZM_046_A1_A02		
40305	ZM_046_A1_A03	ZM_046_A1_A03_T7C	ZM_046_A1_A03_MR
40306	ZM_046_A1_A03		
40307	ZM_046_A1_A04	ZM_046_A1_A04_T7C	
40308	ZM_046_A1_A05	ZM_046_A1_A05_T7C	
40309	ZM_046_A1_A05		ZM_046_A1_A05_MR
40310	ZM_046_A1_A07		ZM_046_A1_A07_MR
40311	ZM_046_A1_A08		ZM_046_A1_A08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40312	ZM_046_A1_A09		ZM_046_A1_A09_MR
40313	ZM_046_A1_A10	ZM_046_A1_A10_T7C	
40314	ZM_046_A1_A10		ZM_046_A1_A10_MR
40315	ZM_046_A1_A11	ZM_046_A1_A11_T7C	
40316	ZM_046_A1_A11		ZM_046_A1_A11_MR
40317	ZM_046_A1_A12		ZM_046_A1_A12_MR
40318	ZM_046_A1_B01		ZM_046_A1_B01_MR
40319	ZM_046_A1_B02	ZM_046_A1_B02_T7C	
40320	ZM_046_A1_B02		ZM_046_A1_B02_MR
40321	ZM_046_A1_B03	ZM_046_A1_B03_T7C	
40322	ZM_046_A1_B03		ZM_046_A1_B03_MR
40323	ZM_046_A1_B04	ZM_046_A1_B04_T7C	
40324	ZM_046_A1_B04		ZM_046_A1_B04_MR
40325	ZM_046_A1_B05	ZM_046_A1_B05_T7C	
40326	ZM_046_A1_B05		ZM_046_A1_B05_MR
40327	ZM_046_A1_B06	ZM_046_A1_B06_T7C	
40328	ZM_046_A1_B06		ZM_046_A1_B06_MR
40329	ZM_046_A1_B07		ZM_046_A1_B07_MR
40330	ZM_046_A1_B09		ZM_046_A1_B09_MR
40331	ZM_046_A1_B10	ZM_046_A1_B10_T7C	
40332	ZM_046_A1_B10		ZM_046_A1_B10_MR
40333	ZM_046_A1_B11	ZM_046_A1_B11_T7C	
40334	ZM_046_A1_B11		ZM_046_A1_B11_MR
40335	ZM_046_A1_B12	ZM_046_A1_B12_T7C	
40336	ZM_046_A1_B12		ZM_046_A1_B12_MR
40337	ZM_046_A1_C01		ZM_046_A1_C01_MR
40338	ZM_046_A1_C02	ZM_046_A1_C02_T7C	
40339	ZM_046_A1_C02		ZM_046_A1_C02_MR
40340	ZM_046_A1_C03	ZM_046_A1_C03_T7C	
40341	ZM_046_A1_C03		ZM_046_A1_C03_MR
40342	ZM_046_A1_C05	ZM_046_A1_C05_T7C	
40343	ZM_046_A1_C05		ZM_046_A1_C05_MR
40344	ZM_046_A1_C06		ZM_046_A1_C06_MR
40345	ZM_046_A1_C07	ZM_046_A1_C07_T7C	
40346	ZM_046_A1_C07		ZM_046_A1_C07_MR
40347	ZM_046_A1_C08		ZM_046_A1_C08_MR
40348	ZM_046_A1_C09	ZM_046_A1_C09_T7C	
40349	ZM_046_A1_C09		ZM_046_A1_C09_MR
40350	ZM_046_A1_C10	ZM_046_A1_C10_T7C	
40351	ZM_046_A1_C10		ZM_046_A1_C10_MR
40352	ZM_046_A1_C11	ZM_046_A1_C11_T7C	
40353	ZM_046_A1_C11		ZM_046_A1_C11_MR
40354	ZM_046_A1_C12	ZM_046_A1_C12_T7C	
40355	ZM_046_A1_C12		ZM_046_A1_C12_MR
40356	ZM_046_A1_D01	ZM_046_A1_D01_T7C	
40357	ZM_046_A1_D01		ZM_046_A1_D01_MR
40358	ZM_046_A1_D02	ZM_046_A1_D02_T7C	
40359	ZM_046_A1_D02		ZM_046_A1_D02_MR
40360	ZM_046_A1_D03	ZM_046_A1_D03_T7C	
40361	ZM_046_A1_D03		ZM_046_A1_D03_MR
40362	ZM_046_A1_D04	ZM_046_A1_D04_T7C	
40363	ZM_046_A1_D04		ZM_046_A1_D04_MR
40364	ZM_046_A1_D05	ZM_046_A1_D05_T7C	
40365	ZM_046_A1_D05		ZM_046_A1_D05_MR
40366	ZM_046_A1_D06		ZM_046_A1_D06_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40367	ZM_046_A1_D07		ZM_046_A1_D07_MR
40368	ZM_046_A1_D08		ZM_046_A1_D08_MR
40369	ZM_046_A1_D09	ZM_046_A1_D09_T7C	
40370	ZM_046_A1_D09		ZM_046_A1_D09_MR
40371	ZM_046_A1_D10	ZM_046_A1_D10_T7C	
40372	ZM_046_A1_D10		ZM_046_A1_D10_MR
40373	ZM_046_A1_D11	ZM_046_A1_D11_T7C	
40374	ZM_046_A1_D12	ZM_046_A1_D12_T7C	
40375	ZM_046_A1_D12		ZM_046_A1_D12_MR
40376	ZM_046_A1_E01	ZM_046_A1_E01_T7C	
40377	ZM_046_A1_E01		ZM_046_A1_E01_MR
40378	ZM_046_A1_E02		ZM_046_A1_E02_MR
40379	ZM_046_A1_E03	ZM_046_A1_E03_T7C	
40380	ZM_046_A1_E03		ZM_046_A1_E03_MR
40381	ZM_046_A1_E04		ZM_046_A1_E04_MR
40382	ZM_046_A1_E05		ZM_046_A1_E05_MR
40383	ZM_046_A1_E06		ZM_046_A1_E06_MR
40384	ZM_046_A1_E07		ZM_046_A1_E07_MR
40385	ZM_046_A1_E08	ZM_046_A1_E08_T7C	
40386	ZM_046_A1_E08		ZM_046_A1_E08_MR
40387	ZM_046_A1_E10	ZM_046_A1_E10_T7C	
40388	ZM_046_A1_E10		ZM_046_A1_E10_MR
40389	ZM_046_A1_E11	ZM_046_A1_E11_T7C	
40390	ZM_046_A1_E11		ZM_046_A1_E11_MR
40391	ZM_046_A1_E12	ZM_046_A1_E12_T7C	
40392	ZM_046_A1_F01	ZM_046_A1_F01_T7C	
40393	ZM_046_A1_F01		ZM_046_A1_F01_MR
40394	ZM_046_A1_F02		ZM_046_A1_F02_MR
40395	ZM_046_A1_F03	ZM_046_A1_F03_T7C	
40396	ZM_046_A1_F03		ZM_046_A1_F03_MR
40397	ZM_046_A1_F04	ZM_046_A1_F04_T7C	
40398	ZM_046_A1_F04		ZM_046_A1_F04_MR
40399	ZM_046_A1_F05	ZM_046_A1_F05_T7C	
40400	ZM_046_A1_F05		ZM_046_A1_F05_MR
40401	ZM_046_A1_F06	ZM_046_A1_F06_T7C	
40402	ZM_046_A1_F06		ZM_046_A1_F06_MR
40403	ZM_046_A1_F07		ZM_046_A1_F07_MR
40404	ZM_046_A1_F08		ZM_046_A1_F08_MR
40405	ZM_046_A1_F09	ZM_046_A1_F09_T7C	
40406	ZM_046_A1_F09		ZM_046_A1_F09_MR
40407	ZM_046_A1_F10		ZM_046_A1_F10_MR
40408	ZM_046_A1_F11		ZM_046_A1_F11_MR
40409	ZM_046_A1_F12	ZM_046_A1_F12_T7C	
40410	ZM_046_A1_F12		ZM_046_A1_F12_MR
40411	ZM_046_A1_G01		ZM_046_A1_G01_MR
40412	ZM_046_A1_G02	ZM_046_A1_G02_T7C	
40413	ZM_046_A1_G02		ZM_046_A1_G02_MR
40414	ZM_046_A1_G03	ZM_046_A1_G03_T7C	
40415	ZM_046_A1_G03		ZM_046_A1_G03_MR
40416	ZM_046_A1_G04	ZM_046_A1_G04_T7C	
40417	ZM_046_A1_G04		ZM_046_A1_G04_MR
40418	ZM_046_A1_G05	ZM_046_A1_G05_T7C	
40419	ZM_046_A1_G05		ZM_046_A1_G05_MR
40420	ZM_046_A1_G06	ZM_046_A1_G06_T7C	
40421	ZM_046_A1_G06		ZM_046_A1_G06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40422	ZM_046_A1_G07		ZM_046_A1_G07_MR
40423	ZM_046_A1_G08	ZM_046_A1_G08_T7C	
40424	ZM_046_A1_G08		ZM_046_A1_G08_MR
40425	ZM_046_A1_G09	ZM_046_A1_G09_T7C	
40426	ZM_046_A1_G09		ZM_046_A1_G09_MR
40427	ZM_046_A1_G10	ZM_046_A1_G10_T7C	
40428	ZM_046_A1_G10		ZM_046_A1_G10_MR
40429	ZM_046_A1_G11		ZM_046_A1_G11_MR
40430	ZM_046_A1_G12	ZM_046_A1_G12_T7C	
40431	ZM_046_A1_G12		ZM_046_A1_G12_MR
40432	ZM_046_A1_H01	ZM_046_A1_H01_T7C	
40433	ZM_046_A1_H01		ZM_046_A1_H01_MR
40434	ZM_046_A1_H02	ZM_046_A1_H02_T7C	
40435	ZM_046_A1_H02		ZM_046_A1_H02_MR
40436	ZM_046_A1_H03	ZM_046_A1_H03_T7C	
40437	ZM_046_A1_H03		ZM_046_A1_H03_MR
40438	ZM_046_A1_H04	ZM_046_A1_H04_T7C	
40439	ZM_046_A1_H04		ZM_046_A1_H04_MR
40440	ZM_046_A1_H05	ZM_046_A1_H05_T7C	
40441	ZM_046_A1_H05		ZM_046_A1_H05_MR
40442	ZM_046_A1_H06	ZM_046_A1_H06_T7C	
40443	ZM_046_A1_H07	ZM_046_A1_H07_T7C	
40444	ZM_046_A1_H08	ZM_046_A1_H08_T7C	
40445	ZM_046_A1_H08		ZM_046_A1_H08_MR
40446	ZM_046_A1_H09	ZM_046_A1_H09_T7C	
40447	ZM_046_A1_H09		ZM_046_A1_H09_MR
40448	ZM_046_A1_H10	ZM_046_A1_H10_T7C	
40449	ZM_046_A1_H10		ZM_046_A1_H10_MR
40450	ZM_046_A1_H11	ZM_046_A1_H11_T7C	
40451	ZM_046_A1_H12	ZM_046_A1_H12_T7C	
40452	ZM_046_A2_A01	ZM_046_A2_A01_T7C	
40453	ZM_046_A2_A01		ZM_046_A2_A01_MR
40454	ZM_046_A2_A02	ZM_046_A2_A02_T7C	
40455	ZM_046_A2_A02		ZM_046_A2_A02_MR
40456	ZM_046_A2_A03	ZM_046_A2_A03_T7C	
40457	ZM_046_A2_A03		ZM_046_A2_A03_MR
40458	ZM_046_A2_A04	ZM_046_A2_A04_T7C	
40459	ZM_046_A2_A04		ZM_046_A2_A04_MR
40460	ZM_046_A2_A05	ZM_046_A2_A05_T7C	
40461	ZM_046_A2_A05		ZM_046_A2_A05_MR
40462	ZM_046_A2_A06		ZM_046_A2_A06_MR
40463	ZM_046_A2_A07	ZM_046_A2_A07_T7C	
40464	ZM_046_A2_A07		ZM_046_A2_A07_MR
40465	ZM_046_A2_A09	ZM_046_A2_A09_T7C	
40466	ZM_046_A2_A09		ZM_046_A2_A09_MR
40467	ZM_046_A2_A10	ZM_046_A2_A10_T7C	
40468	ZM_046_A2_A10		ZM_046_A2_A10_MR
40469	ZM_046_A2_A12		ZM_046_A2_A12_MR
40470	ZM_046_A2_B01	ZM_046_A2_B01_T7C	
40471	ZM_046_A2_B01		ZM_046_A2_B01_MR
40472	ZM_046_A2_B02		ZM_046_A2_B02_MR
40473	ZM_046_A2_B03		ZM_046_A2_B03_MR
40474	ZM_046_A2_B05	ZM_046_A2_B05_T7C	
40475	ZM_046_A2_B05		ZM_046_A2_B05_MR
40476	ZM_046_A2_B06	ZM_046_A2_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40477	ZM_046_A2_B06		ZM_046_A2_B06_MR
40478	ZM_046_A2_B07	ZM_046_A2_B07_T7C	
40479	ZM_046_A2_B07		ZM_046_A2_B07_MR
40480	ZM_046_A2_B08	ZM_046_A2_B08_T7C	
40481	ZM_046_A2_B08		ZM_046_A2_B08_MR
40482	ZM_046_A2_B09	ZM_046_A2_B09_T7C	
40483	ZM_046_A2_B09		ZM_046_A2_B09_MR
40484	ZM_046_A2_B10	ZM_046_A2_B10_T7C	
40485	ZM_046_A2_B10		ZM_046_A2_B10_MR
40486	ZM_046_A2_B11	ZM_046_A2_B11_T7C	
40487	ZM_046_A2_B11		ZM_046_A2_B11_MR
40488	ZM_046_A2_B12	ZM_046_A2_B12_T7C	
40489	ZM_046_A2_B12		ZM_046_A2_B12_MR
40490	ZM_046_A2_C01	ZM_046_A2_C01_T7C	
40491	ZM_046_A2_C01		ZM_046_A2_C01_MR
40492	ZM_046_A2_C02	ZM_046_A2_C02_T7C	
40493	ZM_046_A2_C02		ZM_046_A2_C02_MR
40494	ZM_046_A2_C03	ZM_046_A2_C03_T7C	
40495	ZM_046_A2_C03		ZM_046_A2_C03_MR
40496	ZM_046_A2_C04	ZM_046_A2_C04_T7C	
40497	ZM_046_A2_C04		ZM_046_A2_C04_MR
40498	ZM_046_A2_C06	ZM_046_A2_C06_T7C	
40499	ZM_046_A2_C06		ZM_046_A2_C06_MR
40500	ZM_046_A2_C07		ZM_046_A2_C07_MR
40501	ZM_046_A2_C08	ZM_046_A2_C08_T7C	
40502	ZM_046_A2_C08		ZM_046_A2_C08_MR
40503	ZM_046_A2_C09	ZM_046_A2_C09_T7C	
40504	ZM_046_A2_C09		ZM_046_A2_C09_MR
40505	ZM_046_A2_C10	ZM_046_A2_C10_T7C	
40506	ZM_046_A2_C10		ZM_046_A2_C10_MR
40507	ZM_046_A2_C12	ZM_046_A2_C12_T7C	
40508	ZM_046_A2_C12		ZM_046_A2_C12_MR
40509	ZM_046_A2_D01	ZM_046_A2_D01_T7C	
40510	ZM_046_A2_D01		ZM_046_A2_D01_MR
40511	ZM_046_A2_D02		ZM_046_A2_D02_MR
40512	ZM_046_A2_D03	ZM_046_A2_D03_T7C	
40513	ZM_046_A2_D03		ZM_046_A2_D03_MR
40514	ZM_046_A2_D04	ZM_046_A2_D04_T7C	
40515	ZM_046_A2_D04		ZM_046_A2_D04_MR
40516	ZM_046_A2_D05	ZM_046_A2_D05_T7C	
40517	ZM_046_A2_D06	ZM_046_A2_D06_T7C	
40518	ZM_046_A2_D06		ZM_046_A2_D06_MR
40519	ZM_046_A2_D07	ZM_046_A2_D07_T7C	
40520	ZM_046_A2_D07		ZM_046_A2_D07_MR
40521	ZM_046_A2_D08	ZM_046_A2_D08_T7C	
40522	ZM_046_A2_D08		ZM_046_A2_D08_MR
40523	ZM_046_A2_D09	ZM_046_A2_D09_T7C	
40524	ZM_046_A2_D09		ZM_046_A2_D09_MR
40525	ZM_046_A2_D10	ZM_046_A2_D10_T7C	
40526	ZM_046_A2_D10		ZM_046_A2_D10_MR
40527	ZM_046_A2_D11	ZM_046_A2_D11_T7C	
40528	ZM_046_A2_D12	ZM_046_A2_D12_T7C	
40529	ZM_046_A2_D12		ZM_046_A2_D12_MR
40530	ZM_046_A2_E01	ZM_046_A2_E01_T7C	
40531	ZM_046_A2_E01		ZM_046_A2_E01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40532	ZM_046_A2_E02	ZM_046_A2_E02_T7C	
40533	ZM_046_A2_E02		ZM_046_A2_E02_MR
40534	ZM_046_A2_E03	ZM_046_A2_E03_T7C	
40535	ZM_046_A2_E03		ZM_046_A2_E03_MR
40536	ZM_046_A2_E04	ZM_046_A2_E04_T7C	
40537	ZM_046_A2_E04		ZM_046_A2_E04_MR
40538	ZM_046_A2_E05	ZM_046_A2_E05_T7C	
40539	ZM_046_A2_E05		ZM_046_A2_E05_MR
40540	ZM_046_A2_E06	ZM_046_A2_E06_T7C	
40541	ZM_046_A2_E06		ZM_046_A2_E06_MR
40542	ZM_046_A2_E07	ZM_046_A2_E07_T7C	
40543	ZM_046_A2_E07		ZM_046_A2_E07_MR
40544	ZM_046_A2_E08		ZM_046_A2_E08_MR
40545	ZM_046_A2_E09	ZM_046_A2_E09_T7C	
40546	ZM_046_A2_E09		ZM_046_A2_E09_MR
40547	ZM_046_A2_E10	ZM_046_A2_E10_T7C	
40548	ZM_046_A2_E10		ZM_046_A2_E10_MR
40549	ZM_046_A2_E11	ZM_046_A2_E11_T7C	
40550	ZM_046_A2_E11		ZM_046_A2_E11_MR
40551	ZM_046_A2_E12	ZM_046_A2_E12_T7C	
40552	ZM_046_A2_E12		ZM_046_A2_E12_MR
40553	ZM_046_A2_F01	ZM_046_A2_F01_T7C	
40554	ZM_046_A2_F01		ZM_046_A2_F01_MR
40555	ZM_046_A2_F02	ZM_046_A2_F02_T7C	
40556	ZM_046_A2_F02		ZM_046_A2_F02_MR
40557	ZM_046_A2_F03	ZM_046_A2_F03_T7C	
40558	ZM_046_A2_F03		ZM_046_A2_F03_MR
40559	ZM_046_A2_F04	ZM_046_A2_F04_T7C	
40560	ZM_046_A2_F04		ZM_046_A2_F04_MR
40561	ZM_046_A2_F05	ZM_046_A2_F05_T7C	
40562	ZM_046_A2_F05		ZM_046_A2_F05_MR
40563	ZM_046_A2_F06		ZM_046_A2_F06_MR
40564	ZM_046_A2_F07	ZM_046_A2_F07_T7C	
40565	ZM_046_A2_F07		ZM_046_A2_F07_MR
40566	ZM_046_A2_F08		ZM_046_A2_F08_MR
40567	ZM_046_A2_F09		ZM_046_A2_F09_MR
40568	ZM_046_A2_F10	ZM_046_A2_F10_T7C	
40569	ZM_046_A2_F10		ZM_046_A2_F10_MR
40570	ZM_046_A2_F11	ZM_046_A2_F11_T7C	
40571	ZM_046_A2_F11		ZM_046_A2_F11_MR
40572	ZM_046_A2_F12		ZM_046_A2_F12_MR
40573	ZM_046_A2_G01	ZM_046_A2_G01_T7C	
40574	ZM_046_A2_G01		ZM_046_A2_G01_MR
40575	ZM_046_A2_G02	ZM_046_A2_G02_T7C	
40576	ZM_046_A2_G02		ZM_046_A2_G02_MR
40577	ZM_046_A2_G03	ZM_046_A2_G03_T7C	
40578	ZM_046_A2_G03		ZM_046_A2_G03_MR
40579	ZM_046_A2_G04	ZM_046_A2_G04_T7C	
40580	ZM_046_A2_G04		ZM_046_A2_G04_MR
40581	ZM_046_A2_G05		ZM_046_A2_G05_MR
40582	ZM_046_A2_G06		ZM_046_A2_G06_MR
40583	ZM_046_A2_G07	ZM_046_A2_G07_T7C	
40584	ZM_046_A2_G07		ZM_046_A2_G07_MR
40585	ZM_046_A2_G08	ZM_046_A2_G08_T7C	
40586	ZM_046_A2_G08		ZM_046_A2_G08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40587	ZM_046_A2_G09	ZM_046_A2_G09_T7C	
40588	ZM_046_A2_G09		ZM_046_A2_G09_MR
40589	ZM_046_A2_G10	ZM_046_A2_G10_T7C	
40590	ZM_046_A2_G11	ZM_046_A2_G11_T7C	
40591	ZM_046_A2_G11		ZM_046_A2_G11_MR
40592	ZM_046_A2_G12		ZM_046_A2_G12_MR
40593	ZM_046_A2_H01	ZM_046_A2_H01_T7C	
40594	ZM_046_A2_H01		ZM_046_A2_H01_MR
40595	ZM_046_A2_H02	ZM_046_A2_H02_T7C	
40596	ZM_046_A2_H02		ZM_046_A2_H02_MR
40597	ZM_046_A2_H03	ZM_046_A2_H03_T7C	
40598	ZM_046_A2_H03		ZM_046_A2_H03_MR
40599	ZM_046_A2_H04	ZM_046_A2_H04_T7C	
40600	ZM_046_A2_H04		ZM_046_A2_H04_MR
40601	ZM_046_A2_H06	ZM_046_A2_H06_T7C	
40602	ZM_046_A2_H06		ZM_046_A2_H06_MR
40603	ZM_046_A2_H07	ZM_046_A2_H07_T7C	
40604	ZM_046_A2_H07		ZM_046_A2_H07_MR
40605	ZM_046_A2_H08	ZM_046_A2_H08_T7C	
40606	ZM_046_A2_H08		ZM_046_A2_H08_MR
40607	ZM_046_A2_H09	ZM_046_A2_H09_T7C	
40608	ZM_046_A2_H10	ZM_046_A2_H10_T7C	
40609	ZM_046_A2_H10		ZM_046_A2_H10_MR
40610	ZM_046_A2_H11	ZM_046_A2_H11_T7C	
40611	ZM_046_A2_H11		ZM_046_A2_H11_MR
40612	ZM_046_A2_H12	ZM_046_A2_H12_T7C	
40613	ZM_046_A2_H12		ZM_046_A2_H12_MR
40614	ZM_046_B2_A01	ZM_046_B2_A01_T7C	
40615	ZM_046_B2_A01		ZM_046_B2_A01_MR
40616	ZM_046_B2_A02	ZM_046_B2_A02_T7C	
40617	ZM_046_B2_A02		ZM_046_B2_A02_MR
40618	ZM_046_B2_A03	ZM_046_B2_A03_T7C	
40619	ZM_046_B2_A03		ZM_046_B2_A03_MR
40620	ZM_046_B2_A04	ZM_046_B2_A04_T7C	
40621	ZM_046_B2_A04		ZM_046_B2_A04_MR
40622	ZM_046_B2_A05	ZM_046_B2_A05_T7C	
40623	ZM_046_B2_A05		ZM_046_B2_A05_MR
40624	ZM_046_B2_A06	ZM_046_B2_A06_T7C	
40625	ZM_046_B2_A06		ZM_046_B2_A06_MR
40626	ZM_046_B2_A07	ZM_046_B2_A07_T7C	
40627	ZM_046_B2_A07		ZM_046_B2_A07_MR
40628	ZM_046_B2_A08	ZM_046_B2_A08_T7C	
40629	ZM_046_B2_A08		ZM_046_B2_A08_MR
40630	ZM_046_B2_A09	ZM_046_B2_A09_T7C	
40631	ZM_046_B2_A09		ZM_046_B2_A09_MR
40632	ZM_046_B2_A10	ZM_046_B2_A10_T7C	
40633	ZM_046_B2_A10		ZM_046_B2_A10_MR
40634	ZM_046_B2_A11	ZM_046_B2_A11_T7C	
40635	ZM_046_B2_A11		ZM_046_B2_A11_MR
40636	ZM_046_B2_A12	ZM_046_B2_A12_T7C	
40637	ZM_046_B2_A12		ZM_046_B2_A12_MR
40638	ZM_046_B2_B01	ZM_046_B2_B01_T7C	
40639	ZM_046_B2_B01		ZM_046_B2_B01_MR
40640	ZM_046_B2_B02	ZM_046_B2_B02_T7C	
40641	ZM_046_B2_B02		ZM_046_B2_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40642	ZM_046_B2_B03	ZM_046_B2_B03_T7C	
40643	ZM_046_B2_B03		ZM_046_B2_B03_MR
40644	ZM_046_B2_B04	ZM_046_B2_B04_T7C	
40645	ZM_046_B2_B04		ZM_046_B2_B04_MR
40646	ZM_046_B2_B05	ZM_046_B2_B05_T7C	
40647	ZM_046_B2_B05		ZM_046_B2_B05_MR
40648	ZM_046_B2_B06	ZM_046_B2_B06_T7C	
40649	ZM_046_B2_B06		ZM_046_B2_B06_MR
40650	ZM_046_B2_B07	ZM_046_B2_B07_T7C	
40651	ZM_046_B2_B07		ZM_046_B2_B07_MR
40652	ZM_046_B2_B08	ZM_046_B2_B08_T7C	
40653	ZM_046_B2_B08		ZM_046_B2_B08_MR
40654	ZM_046_B2_B09	ZM_046_B2_B09_T7C	
40655	ZM_046_B2_B09		ZM_046_B2_B09_MR
40656	ZM_046_B2_B10	ZM_046_B2_B10_T7C	
40657	ZM_046_B2_B10		ZM_046_B2_B10_MR
40658	ZM_046_B2_B11	ZM_046_B2_B11_T7C	
40659	ZM_046_B2_B11		ZM_046_B2_B11_MR
40660	ZM_046_B2_B12	ZM_046_B2_B12_T7C	
40661	ZM_046_B2_B12		ZM_046_B2_B12_MR
40662	ZM_046_B2_C01	ZM_046_B2_C01_T7C	
40663	ZM_046_B2_C01		ZM_046_B2_C01_MR
40664	ZM_046_B2_C02	ZM_046_B2_C02_T7C	
40665	ZM_046_B2_C02		ZM_046_B2_C02_MR
40666	ZM_046_B2_C03		ZM_046_B2_C03_MR
40667	ZM_046_B2_C04	ZM_046_B2_C04_T7C	
40668	ZM_046_B2_C04		ZM_046_B2_C04_MR
40669	ZM_046_B2_C05	ZM_046_B2_C05_T7C	
40670	ZM_046_B2_C05		ZM_046_B2_C05_MR
40671	ZM_046_B2_C06	ZM_046_B2_C06_T7C	
40672	ZM_046_B2_C06		ZM_046_B2_C06_MR
40673	ZM_046_B2_C07	ZM_046_B2_C07_T7C	
40674	ZM_046_B2_C07		ZM_046_B2_C07_MR
40675	ZM_046_B2_C08	ZM_046_B2_C08_T7C	
40676	ZM_046_B2_C08		ZM_046_B2_C08_MR
40677	ZM_046_B2_C09	ZM_046_B2_C09_T7C	
40678	ZM_046_B2_C09		ZM_046_B2_C09_MR
40679	ZM_046_B2_C10	ZM_046_B2_C10_T7C	
40680	ZM_046_B2_C10		ZM_046_B2_C10_MR
40681	ZM_046_B2_C11	ZM_046_B2_C11_T7C	
40682	ZM_046_B2_C11		ZM_046_B2_C11_MR
40683	ZM_046_B2_C12	ZM_046_B2_C12_T7C	
40684	ZM_046_B2_C12		ZM_046_B2_C12_MR
40685	ZM_046_B2_D01	ZM_046_B2_D01_T7C	
40686	ZM_046_B2_D01		ZM_046_B2_D01_MR
40687	ZM_046_B2_D02	ZM_046_B2_D02_T7C	
40688	ZM_046_B2_D02		ZM_046_B2_D02_MR
40689	ZM_046_B2_D03	ZM_046_B2_D03_T7C	
40690	ZM_046_B2_D03		ZM_046_B2_D03_MR
40691	ZM_046_B2_D04	ZM_046_B2_D04_T7C	
40692	ZM_046_B2_D04		ZM_046_B2_D04_MR
40693	ZM_046_B2_D05	ZM_046_B2_D05_T7C	
40694	ZM_046_B2_D05		ZM_046_B2_D05_MR
40695	ZM_046_B2_D06	ZM_046_B2_D06_T7C	
40696	ZM_046_B2_D06		ZM_046_B2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40697	ZM_046_B2_D07	ZM_046_B2_D07_T7C	
40698	ZM_046_B2_D07		ZM_046_B2_D07_MR
40699	ZM_046_B2_D08	ZM_046_B2_D08_T7C	
40700	ZM_046_B2_D08		ZM_046_B2_D08_MR
40701	ZM_046_B2_D09	ZM_046_B2_D09_T7C	
40702	ZM_046_B2_D09		ZM_046_B2_D09_MR
40703	ZM_046_B2_D10	ZM_046_B2_D10_T7C	
40704	ZM_046_B2_D10		ZM_046_B2_D10_MR
40705	ZM_046_B2_D11	ZM_046_B2_D11_T7C	
40706	ZM_046_B2_D11		ZM_046_B2_D11_MR
40707	ZM_046_B2_D12	ZM_046_B2_D12_T7C	
40708	ZM_046_B2_D12		ZM_046_B2_D12_MR
40709	ZM_046_B2_E01	ZM_046_B2_E01_T7C	
40710	ZM_046_B2_E01		ZM_046_B2_E01_MR
40711	ZM_046_B2_E02	ZM_046_B2_E02_T7C	
40712	ZM_046_B2_E02		ZM_046_B2_E02_MR
40713	ZM_046_B2_E03	ZM_046_B2_E03_T7C	
40714	ZM_046_B2_E03		ZM_046_B2_E03_MR
40715	ZM_046_B2_E04	ZM_046_B2_E04_T7C	
40716	ZM_046_B2_E04		ZM_046_B2_E04_MR
40717	ZM_046_B2_E05		ZM_046_B2_E05_MR
40718	ZM_046_B2_E06	ZM_046_B2_E06_T7C	
40719	ZM_046_B2_E06		ZM_046_B2_E06_MR
40720	ZM_046_B2_E07	ZM_046_B2_E07_T7C	
40721	ZM_046_B2_E07		ZM_046_B2_E07_MR
40722	ZM_046_B2_E08	ZM_046_B2_E08_T7C	
40723	ZM_046_B2_E08		ZM_046_B2_E08_MR
40724	ZM_046_B2_E09	ZM_046_B2_E09_T7C	
40725	ZM_046_B2_E09		ZM_046_B2_E09_MR
40726	ZM_046_B2_E10	ZM_046_B2_E10_T7C	
40727	ZM_046_B2_E10		ZM_046_B2_E10_MR
40728	ZM_046_B2_E11	ZM_046_B2_E11_T7C	
40729	ZM_046_B2_E11		ZM_046_B2_E11_MR
40730	ZM_046_B2_E12	ZM_046_B2_E12_T7C	
40731	ZM_046_B2_E12		ZM_046_B2_E12_MR
40732	ZM_046_B2_F01	ZM_046_B2_F01_T7C	
40733	ZM_046_B2_F01		ZM_046_B2_F01_MR
40734	ZM_046_B2_F02	ZM_046_B2_F02_T7C	
40735	ZM_046_B2_F02		ZM_046_B2_F02_MR
40736	ZM_046_B2_F03	ZM_046_B2_F03_T7C	
40737	ZM_046_B2_F03		ZM_046_B2_F03_MR
40738	ZM_046_B2_F04	ZM_046_B2_F04_T7C	
40739	ZM_046_B2_F04		ZM_046_B2_F04_MR
40740	ZM_046_B2_F05	ZM_046_B2_F05_T7C	
40741	ZM_046_B2_F06	ZM_046_B2_F06_T7C	
40742	ZM_046_B2_F07	ZM_046_B2_F07_T7C	
40743	ZM_046_B2_F07		ZM_046_B2_F07_MR
40744	ZM_046_B2_F08	ZM_046_B2_F08_T7C	
40745	ZM_046_B2_F08		ZM_046_B2_F08_MR
40746	ZM_046_B2_F09	ZM_046_B2_F09_T7C	
40747	ZM_046_B2_F09		ZM_046_B2_F09_MR
40748	ZM_046_B2_F10	ZM_046_B2_F10_T7C	
40749	ZM_046_B2_F10		ZM_046_B2_F10_MR
40750	ZM_046_B2_F11	ZM_046_B2_F11_T7C	
40751	ZM_046_B2_F11		ZM_046_B2_F11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40752	ZM_046_B2_F12	ZM_046_B2_F12_T7C	
40753	ZM_046_B2_F12		ZM_046_B2_F12_MR
40754	ZM_046_B2_G01	ZM_046_B2_G01_T7C	
40755	ZM_046_B2_G01		ZM_046_B2_G01_MR
40756	ZM_046_B2_G02	ZM_046_B2_G02_T7C	
40757	ZM_046_B2_G02		ZM_046_B2_G02_MR
40758	ZM_046_B2_G03	ZM_046_B2_G03_T7C	
40759	ZM_046_B2_G03		ZM_046_B2_G03_MR
40760	ZM_046_B2_G04	ZM_046_B2_G04_T7C	
40761	ZM_046_B2_G04		ZM_046_B2_G04_MR
40762	ZM_046_B2_G06	ZM_046_B2_G06_T7C	
40763	ZM_046_B2_G06		ZM_046_B2_G06_MR
40764	ZM_046_B2_G07	ZM_046_B2_G07_T7C	
40765	ZM_046_B2_G07		ZM_046_B2_G07_MR
40766	ZM_046_B2_G08	ZM_046_B2_G08_T7C	
40767	ZM_046_B2_G09	ZM_046_B2_G09_T7C	
40768	ZM_046_B2_G09		ZM_046_B2_G09_MR
40769	ZM_046_B2_G10	ZM_046_B2_G10_T7C	
40770	ZM_046_B2_G10		ZM_046_B2_G10_MR
40771	ZM_046_B2_G11	ZM_046_B2_G11_T7C	
40772	ZM_046_B2_G11		ZM_046_B2_G11_MR
40773	ZM_046_B2_G12	ZM_046_B2_G12_T7C	
40774	ZM_046_B2_G12		ZM_046_B2_G12_MR
40775	ZM_046_B2_H01	ZM_046_B2_H01_T7C	
40776	ZM_046_B2_H01		ZM_046_B2_H01_MR
40777	ZM_046_B2_H02	ZM_046_B2_H02_T7C	
40778	ZM_046_B2_H02		ZM_046_B2_H02_MR
40779	ZM_046_B2_H03	ZM_046_B2_H03_T7C	
40780	ZM_046_B2_H03		ZM_046_B2_H03_MR
40781	ZM_046_B2_H04	ZM_046_B2_H04_T7C	
40782	ZM_046_B2_H04		ZM_046_B2_H04_MR
40783	ZM_046_B2_H05	ZM_046_B2_H05_T7C	
40784	ZM_046_B2_H05		ZM_046_B2_H05_MR
40785	ZM_046_B2_H06	ZM_046_B2_H06_T7C	
40786	ZM_046_B2_H06		ZM_046_B2_H06_MR
40787	ZM_046_B2_H07	ZM_046_B2_H07_T7C	
40788	ZM_046_B2_H07		ZM_046_B2_H07_MR
40789	ZM_046_B2_H08	ZM_046_B2_H08_T7C	
40790	ZM_046_B2_H08		ZM_046_B2_H08_MR
40791	ZM_046_B2_H09		ZM_046_B2_H09_MR
40792	ZM_046_B2_H10	ZM_046_B2_H10_T7C	
40793	ZM_046_B2_H10		ZM_046_B2_H10_MR
40794	ZM_046_B2_H11	ZM_046_B2_H11_T7C	
40795	ZM_046_B2_H11		ZM_046_B2_H11_MR
40796	ZM_046_B2_H12	ZM_046_B2_H12_T7C	
40797	ZM_046_B2_H12		ZM_046_B2_H12_MR
40798	ZM_047_A1_A01	ZM_047_A1_A01_T7C	
40799	ZM_047_A1_A01		ZM_047_A1_A01_MR
40800	ZM_047_A1_A02	ZM_047_A1_A02_T7C	
40801	ZM_047_A1_A02		ZM_047_A1_A02_MR
40802	ZM_047_A1_A03		ZM_047_A1_A03_MR
40803	ZM_047_A1_A04	ZM_047_A1_A04_T7C	
40804	ZM_047_A1_A04		ZM_047_A1_A04_MR
40805	ZM_047_A1_A05	ZM_047_A1_A05_T7C	
40806	ZM_047_A1_A05		ZM_047_A1_A05_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40807	ZM_047_A1_A06	ZM_047_A1_A06_T7C	
40808	ZM_047_A1_A07	ZM_047_A1_A07_T7C	
40809	ZM_047_A1_A07		ZM_047_A1_A07_MR
40810	ZM_047_A1_A08	ZM_047_A1_A08_T7C	
40811	ZM_047_A1_A08		ZM_047_A1_A08_MR
40812	ZM_047_A1_A09	ZM_047_A1_A09_T7C	
40813	ZM_047_A1_A09		ZM_047_A1_A09_MR
40814	ZM_047_A1_A10	ZM_047_A1_A10_T7C	
40815	ZM_047_A1_A10		ZM_047_A1_A10_MR
40816	ZM_047_A1_A11	ZM_047_A1_A11_T7C	
40817	ZM_047_A1_A11		ZM_047_A1_A11_MR
40818	ZM_047_A1_A12	ZM_047_A1_A12_T7C	
40819	ZM_047_A1_A12		ZM_047_A1_A12_MR
40820	ZM_047_A1_B01	ZM_047_A1_B01_T7C	
40821	ZM_047_A1_B01		ZM_047_A1_B01_MR
40822	ZM_047_A1_B02	ZM_047_A1_B02_T7C	
40823	ZM_047_A1_B02		ZM_047_A1_B02_MR
40824	ZM_047_A1_B03		ZM_047_A1_B03_MR
40825	ZM_047_A1_B04	ZM_047_A1_B04_T7C	
40826	ZM_047_A1_B04		ZM_047_A1_B04_MR
40827	ZM_047_A1_B05	ZM_047_A1_B05_T7C	
40828	ZM_047_A1_B05		ZM_047_A1_B05_MR
40829	ZM_047_A1_B06	ZM_047_A1_B06_T7C	
40830	ZM_047_A1_B07		ZM_047_A1_B07_MR
40831	ZM_047_A1_B08	ZM_047_A1_B08_T7C	
40832	ZM_047_A1_B08		ZM_047_A1_B08_MR
40833	ZM_047_A1_B09	ZM_047_A1_B09_T7C	
40834	ZM_047_A1_B09		ZM_047_A1_B09_MR
40835	ZM_047_A1_B10	ZM_047_A1_B10_T7C	
40836	ZM_047_A1_B10		ZM_047_A1_B10_MR
40837	ZM_047_A1_B11	ZM_047_A1_B11_T7C	
40838	ZM_047_A1_B11		ZM_047_A1_B11_MR
40839	ZM_047_A1_C01		ZM_047_A1_C01_MR
40840	ZM_047_A1_C02	ZM_047_A1_C02_T7C	
40841	ZM_047_A1_C02		ZM_047_A1_C02_MR
40842	ZM_047_A1_C04	ZM_047_A1_C04_T7C	
40843	ZM_047_A1_C04		ZM_047_A1_C04_MR
40844	ZM_047_A1_C05	ZM_047_A1_C05_T7C	
40845	ZM_047_A1_C06		ZM_047_A1_C06_MR
40846	ZM_047_A1_C07		ZM_047_A1_C07_MR
40847	ZM_047_A1_C09		ZM_047_A1_C09_MR
40848	ZM_047_A1_C10	ZM_047_A1_C10_T7C	
40849	ZM_047_A1_C10		ZM_047_A1_C10_MR
40850	ZM_047_A1_C11		ZM_047_A1_C11_MR
40851	ZM_047_A1_C12	ZM_047_A1_C12_T7C	
40852	ZM_047_A1_C12		ZM_047_A1_C12_MR
40853	ZM_047_A1_D01	ZM_047_A1_D01_T7C	
40854	ZM_047_A1_D01		ZM_047_A1_D01_MR
40855	ZM_047_A1_D03	ZM_047_A1_D03_T7C	
40856	ZM_047_A1_D03		ZM_047_A1_D03_MR
40857	ZM_047_A1_D04	ZM_047_A1_D04_T7C	
40858	ZM_047_A1_D04		ZM_047_A1_D04_MR
40859	ZM_047_A1_D05	ZM_047_A1_D05_T7C	
40860	ZM_047_A1_D05		ZM_047_A1_D05_MR
40861	ZM_047_A1_D06	ZM_047_A1_D06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40862	ZM_047_A1_D06		ZM_047_A1_D06_MR
40863	ZM_047_A1_D07	ZM_047_A1_D07_T7C	
40864	ZM_047_A1_D07		ZM_047_A1_D07_MR
40865	ZM_047_A1_D08	ZM_047_A1_D08_T7C	
40866	ZM_047_A1_D08		ZM_047_A1_D08_MR
40867	ZM_047_A1_D09	ZM_047_A1_D09_T7C	
40868	ZM_047_A1_D09		ZM_047_A1_D09_MR
40869	ZM_047_A1_D10	ZM_047_A1_D10_T7C	
40870	ZM_047_A1_D10		ZM_047_A1_D10_MR
40871	ZM_047_A1_D11	ZM_047_A1_D11_T7C	
40872	ZM_047_A1_D12	ZM_047_A1_D12_T7C	
40873	ZM_047_A1_D12		ZM_047_A1_D12_MR
40874	ZM_047_A1_E01	ZM_047_A1_E01_T7C	
40875	ZM_047_A1_E01		ZM_047_A1_E01_MR
40876	ZM_047_A1_E03	ZM_047_A1_E03_T7C	
40877	ZM_047_A1_E03		ZM_047_A1_E03_MR
40878	ZM_047_A1_E04	ZM_047_A1_E04_T7C	
40879	ZM_047_A1_E04		ZM_047_A1_E04_MR
40880	ZM_047_A1_E05		ZM_047_A1_E05_MR
40881	ZM_047_A1_E06	ZM_047_A1_E06_T7C	
40882	ZM_047_A1_E07		ZM_047_A1_E07_MR
40883	ZM_047_A1_E08	ZM_047_A1_E08_T7C	
40884	ZM_047_A1_E08		ZM_047_A1_E08_MR
40885	ZM_047_A1_E09	ZM_047_A1_E09_T7C	
40886	ZM_047_A1_E09		ZM_047_A1_E09_MR
40887	ZM_047_A1_E10	ZM_047_A1_E10_T7C	
40888	ZM_047_A1_E10		ZM_047_A1_E10_MR
40889	ZM_047_A1_E11	ZM_047_A1_E11_T7C	
40890	ZM_047_A1_E11		ZM_047_A1_E11_MR
40891	ZM_047_A1_E12	ZM_047_A1_E12_T7C	
40892	ZM_047_A1_E12		ZM_047_A1_E12_MR
40893	ZM_047_A1_F01	ZM_047_A1_F01_T7C	
40894	ZM_047_A1_F01		ZM_047_A1_F01_MR
40895	ZM_047_A1_F03		ZM_047_A1_F03_MR
40896	ZM_047_A1_F04	ZM_047_A1_F04_T7C	
40897	ZM_047_A1_F04		ZM_047_A1_F04_MR
40898	ZM_047_A1_F05	ZM_047_A1_F05_T7C	
40899	ZM_047_A1_F05		ZM_047_A1_F05_MR
40900	ZM_047_A1_F06	ZM_047_A1_F06_T7C	
40901	ZM_047_A1_F06		ZM_047_A1_F06_MR
40902	ZM_047_A1_F07	ZM_047_A1_F07_T7C	
40903	ZM_047_A1_F08	ZM_047_A1_F08_T7C	
40904	ZM_047_A1_F08		ZM_047_A1_F08_MR
40905	ZM_047_A1_F09		ZM_047_A1_F09_MR
40906	ZM_047_A1_F10	ZM_047_A1_F10_T7C	
40907	ZM_047_A1_F10		ZM_047_A1_F10_MR
40908	ZM_047_A1_F11	ZM_047_A1_F11_T7C	
40909	ZM_047_A1_F12	ZM_047_A1_F12_T7C	
40910	ZM_047_A1_F12		ZM_047_A1_F12_MR
40911	ZM_047_A1_G01	ZM_047_A1_G01_T7C	
40912	ZM_047_A1_G01		ZM_047_A1_G01_MR
40913	ZM_047_A1_G02	ZM_047_A1_G02_T7C	
40914	ZM_047_A1_G02		ZM_047_A1_G02_MR
40915	ZM_047_A1_G03	ZM_047_A1_G03_T7C	
40916	ZM_047_A1_G03		ZM_047_A1_G03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40917	ZM_047_A1_G04	ZM_047_A1_G04_T7C	
40918	ZM_047_A1_G04		ZM_047_A1_G04_MR
40919	ZM_047_A1_G05	ZM_047_A1_G05_T7C	
40920	ZM_047_A1_G05		ZM_047_A1_G05_MR
40921	ZM_047_A1_G06	ZM_047_A1_G06_T7C	
40922	ZM_047_A1_G07	ZM_047_A1_G07_T7C	
40923	ZM_047_A1_G07		ZM_047_A1_G07_MR
40924	ZM_047_A1_G08	ZM_047_A1_G08_T7C	
40925	ZM_047_A1_G08		ZM_047_A1_G08_MR
40926	ZM_047_A1_G09		ZM_047_A1_G09_MR
40927	ZM_047_A1_G10	ZM_047_A1_G10_T7C	
40928	ZM_047_A1_G10		ZM_047_A1_G10_MR
40929	ZM_047_A1_G11	ZM_047_A1_G11_T7C	
40930	ZM_047_A1_G11		ZM_047_A1_G11_MR
40931	ZM_047_A1_H01	ZM_047_A1_H01_T7C	
40932	ZM_047_A1_H01		ZM_047_A1_H01_MR
40933	ZM_047_A1_H02		ZM_047_A1_H02_MR
40934	ZM_047_A1_H03	ZM_047_A1_H03_T7C	
40935	ZM_047_A1_H03		ZM_047_A1_H03_MR
40936	ZM_047_A1_H04	ZM_047_A1_H04_T7C	
40937	ZM_047_A1_H04		ZM_047_A1_H04_MR
40938	ZM_047_A1_H05		ZM_047_A1_H05_MR
40939	ZM_047_A1_H06	ZM_047_A1_H06_T7C	
40940	ZM_047_A1_H06		ZM_047_A1_H06_MR
40941	ZM_047_A1_H07	ZM_047_A1_H07_T7C	
40942	ZM_047_A1_H08		ZM_047_A1_H08_MR
40943	ZM_047_A1_H09		ZM_047_A1_H09_MR
40944	ZM_047_A1_H10	ZM_047_A1_H10_T7C	
40945	ZM_047_A1_H11	ZM_047_A1_H11_T7C	
40946	ZM_047_A1_H11		ZM_047_A1_H11_MR
40947	ZM_047_A1_H12	ZM_047_A1_H12_T7C	
40948	ZM_047_A2_A02	ZM_047_A2_A02_T7C	
40949	ZM_047_A2_A03	ZM_047_A2_A03_T7C	
40950	ZM_047_A2_A04	ZM_047_A2_A04_T7C	
40951	ZM_047_A2_A05	ZM_047_A2_A05_T7C	
40952	ZM_047_A2_A06	ZM_047_A2_A06_T7C	
40953	ZM_047_A2_A07	ZM_047_A2_A07_T7C	
40954	ZM_047_A2_A08	ZM_047_A2_A08_T7C	
40955	ZM_047_A2_A09	ZM_047_A2_A09_T7C	
40956	ZM_047_A2_A10	ZM_047_A2_A10_T7C	
40957	ZM_047_A2_A11	ZM_047_A2_A11_T7C	
40958	ZM_047_A2_B01	ZM_047_A2_B01_T7C	
40959	ZM_047_A2_B02	ZM_047_A2_B02_T7C	
40960	ZM_047_A2_B03	ZM_047_A2_B03_T7C	
40961	ZM_047_A2_B04	ZM_047_A2_B04_T7C	
40962	ZM_047_A2_B05	ZM_047_A2_B05_T7C	
40963	ZM_047_A2_B06	ZM_047_A2_B06_T7C	
40964	ZM_047_A2_B07	ZM_047_A2_B07_T7C	
40965	ZM_047_A2_B08	ZM_047_A2_B08_T7C	
40966	ZM_047_A2_B10	ZM_047_A2_B10_T7C	
40967	ZM_047_A2_C01	ZM_047_A2_C01_T7C	
40968	ZM_047_A2_C03	ZM_047_A2_C03_T7C	
40969	ZM_047_A2_C05	ZM_047_A2_C05_T7C	
40970	ZM_047_A2_C07	ZM_047_A2_C07_T7C	
40971	ZM_047_A2_C08	ZM_047_A2_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
40972	ZM_047_A2_C09	ZM_047_A2_C09_T7C	
40973	ZM_047_A2_C10	ZM_047_A2_C10_T7C	
40974	ZM_047_A2_C11	ZM_047_A2_C11_T7C	
40975	ZM_047_A2_C12	ZM_047_A2_C12_T7C	
40976	ZM_047_A2_D01	ZM_047_A2_D01_T7C	
40977	ZM_047_A2_D03	ZM_047_A2_D03_T7C	
40978	ZM_047_A2_D04	ZM_047_A2_D04_T7C	
40979	ZM_047_A2_D07	ZM_047_A2_D07_T7C	
40980	ZM_047_A2_D08	ZM_047_A2_D08_T7C	
40981	ZM_047_A2_D09	ZM_047_A2_D09_T7C	
40982	ZM_047_A2_D10	ZM_047_A2_D10_T7C	
40983	ZM_047_A2_D11	ZM_047_A2_D11_T7C	
40984	ZM_047_A2_E01	ZM_047_A2_E01_T7C	
40985	ZM_047_A2_E02	ZM_047_A2_E02_T7C	
40986	ZM_047_A2_E03	ZM_047_A2_E03_T7C	
40987	ZM_047_A2_E04	ZM_047_A2_E04_T7C	
40988	ZM_047_A2_E05	ZM_047_A2_E05_T7C	
40989	ZM_047_A2_E07	ZM_047_A2_E07_T7C	
40990	ZM_047_A2_E08	ZM_047_A2_E08_T7C	
40991	ZM_047_A2_E10	ZM_047_A2_E10_T7C	
40992	ZM_047_A2_E11	ZM_047_A2_E11_T7C	
40993	ZM_047_A2_E12	ZM_047_A2_E12_T7C	
40994	ZM_047_A2_F01	ZM_047_A2_F01_T7C	
40995	ZM_047_A2_F02	ZM_047_A2_F02_T7C	
40996	ZM_047_A2_F03	ZM_047_A2_F03_T7C	
40997	ZM_047_A2_F04	ZM_047_A2_F04_T7C	
40998	ZM_047_A2_F05	ZM_047_A2_F05_T7C	
40999	ZM_047_A2_F06	ZM_047_A2_F06_T7C	
41000	ZM_047_A2_F07	ZM_047_A2_F07_T7C	
41001	ZM_047_A2_F08	ZM_047_A2_F08_T7C	
41002	ZM_047_A2_F10	ZM_047_A2_F10_T7C	
41003	ZM_047_A2_F11	ZM_047_A2_F11_T7C	
41004	ZM_047_A2_F12	ZM_047_A2_F12_T7C	
41005	ZM_047_A2_G01	ZM_047_A2_G01_T7C	
41006	ZM_047_A2_G02	ZM_047_A2_G02_T7C	
41007	ZM_047_A2_G04	ZM_047_A2_G04_T7C	
41008	ZM_047_A2_G05	ZM_047_A2_G05_T7C	
41009	ZM_047_A2_G06	ZM_047_A2_G06_T7C	
41010	ZM_047_A2_G07	ZM_047_A2_G07_T7C	
41011	ZM_047_A2_G08	ZM_047_A2_G08_T7C	
41012	ZM_047_A2_G09	ZM_047_A2_G09_T7C	
41013	ZM_047_A2_G10	ZM_047_A2_G10_T7C	
41014	ZM_047_A2_G11	ZM_047_A2_G11_T7C	
41015	ZM_047_A2_G12	ZM_047_A2_G12_T7C	
41016	ZM_047_A2_H02	ZM_047_A2_H02_T7C	
41017	ZM_047_A2_H03	ZM_047_A2_H03_T7C	
41018	ZM_047_A2_H04	ZM_047_A2_H04_T7C	
41019	ZM_047_A2_H06	ZM_047_A2_H06_T7C	
41020	ZM_047_A2_H08	ZM_047_A2_H08_T7C	
41021	ZM_047_A2_H09	ZM_047_A2_H09_T7C	
41022	ZM_047_A2_H11	ZM_047_A2_H11_T7C	
41023	ZM_047_A2_H12	ZM_047_A2_H12_T7C	
41024	ZM_047_B2_A01	ZM_047_B2_A01_T7C	
41025	ZM_047_B2_A02	ZM_047_B2_A02_T7C	
41026	ZM_047_B2_A03	ZM_047_B2_A03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41027	ZM_047_B2_A04	ZM_047_B2_A04_T7C	
41028	ZM_047_B2_A05	ZM_047_B2_A05_T7C	
41029	ZM_047_B2_A06	ZM_047_B2_A06_T7C	
41030	ZM_047_B2_A08	ZM_047_B2_A08_T7C	
41031	ZM_047_B2_A09	ZM_047_B2_A09_T7C	
41032	ZM_047_B2_A10	ZM_047_B2_A10_T7C	
41033	ZM_047_B2_A11	ZM_047_B2_A11_T7C	
41034	ZM_047_B2_B01	ZM_047_B2_B01_T7C	
41035	ZM_047_B2_B02	ZM_047_B2_B02_T7C	
41036	ZM_047_B2_B03	ZM_047_B2_B03_T7C	
41037	ZM_047_B2_B04	ZM_047_B2_B04_T7C	
41038	ZM_047_B2_B05	ZM_047_B2_B05_T7C	
41039	ZM_047_B2_B06	ZM_047_B2_B06_T7C	
41040	ZM_047_B2_B07	ZM_047_B2_B07_T7C	
41041	ZM_047_B2_B08	ZM_047_B2_B08_T7C	
41042	ZM_047_B2_B09	ZM_047_B2_B09_T7C	
41043	ZM_047_B2_B10	ZM_047_B2_B10_T7C	
41044	ZM_047_B2_B11	ZM_047_B2_B11_T7C	
41045	ZM_047_B2_B12	ZM_047_B2_B12_T7C	
41046	ZM_047_B2_C01	ZM_047_B2_C01_T7C	
41047	ZM_047_B2_C02	ZM_047_B2_C02_T7C	
41048	ZM_047_B2_C03	ZM_047_B2_C03_T7C	
41049	ZM_047_B2_C04	ZM_047_B2_C04_T7C	
41050	ZM_047_B2_C05	ZM_047_B2_C05_T7C	
41051	ZM_047_B2_C06	ZM_047_B2_C06_T7C	
41052	ZM_047_B2_C07	ZM_047_B2_C07_T7C	
41053	ZM_047_B2_C08	ZM_047_B2_C08_T7C	
41054	ZM_047_B2_C09	ZM_047_B2_C09_T7C	
41055	ZM_047_B2_C10	ZM_047_B2_C10_T7C	
41056	ZM_047_B2_C11	ZM_047_B2_C11_T7C	
41057	ZM_047_B2_C12	ZM_047_B2_C12_T7C	
41058	ZM_047_B2_D01	ZM_047_B2_D01_T7C	
41059	ZM_047_B2_D02	ZM_047_B2_D02_T7C	
41060	ZM_047_B2_D03	ZM_047_B2_D03_T7C	
41061	ZM_047_B2_D04	ZM_047_B2_D04_T7C	
41062	ZM_047_B2_D05	ZM_047_B2_D05_T7C	
41063	ZM_047_B2_D06	ZM_047_B2_D06_T7C	
41064	ZM_047_B2_D07	ZM_047_B2_D07_T7C	
41065	ZM_047_B2_D09	ZM_047_B2_D09_T7C	
41066	ZM_047_B2_D10	ZM_047_B2_D10_T7C	
41067	ZM_047_B2_D11	ZM_047_B2_D11_T7C	
41068	ZM_047_B2_D12	ZM_047_B2_D12_T7C	
41069	ZM_047_B2_E01	ZM_047_B2_E01_T7C	
41070	ZM_047_B2_E02	ZM_047_B2_E02_T7C	
41071	ZM_047_B2_E04	ZM_047_B2_E04_T7C	
41072	ZM_047_B2_E05	ZM_047_B2_E05_T7C	
41073	ZM_047_B2_E06	ZM_047_B2_E06_T7C	
41074	ZM_047_B2_E07	ZM_047_B2_E07_T7C	
41075	ZM_047_B2_E08	ZM_047_B2_E08_T7C	
41076	ZM_047_B2_E09	ZM_047_B2_E09_T7C	
41077	ZM_047_B2_E11	ZM_047_B2_E11_T7C	
41078	ZM_047_B2_E12	ZM_047_B2_E12_T7C	
41079	ZM_047_B2_F01	ZM_047_B2_F01_T7C	
41080	ZM_047_B2_F02	ZM_047_B2_F02_T7C	
41081	ZM_047_B2_F03	ZM_047_B2_F03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41082	ZM_047_B2_F05	ZM_047_B2_F05_T7C	
41083	ZM_047_B2_F06	ZM_047_B2_F06_T7C	
41084	ZM_047_B2_F07	ZM_047_B2_F07_T7C	
41085	ZM_047_B2_F08	ZM_047_B2_F08_T7C	
41086	ZM_047_B2_F09	ZM_047_B2_F09_T7C	
41087	ZM_047_B2_F12	ZM_047_B2_F12_T7C	
41088	ZM_047_B2_G01	ZM_047_B2_G01_T7C	
41089	ZM_047_B2_G02	ZM_047_B2_G02_T7C	
41090	ZM_047_B2_G03	ZM_047_B2_G03_T7C	
41091	ZM_047_B2_G04	ZM_047_B2_G04_T7C	
41092	ZM_047_B2_G05	ZM_047_B2_G05_T7C	
41093	ZM_047_B2_G06	ZM_047_B2_G06_T7C	
41094	ZM_047_B2_G07	ZM_047_B2_G07_T7C	
41095	ZM_047_B2_G08	ZM_047_B2_G08_T7C	
41096	ZM_047_B2_G10	ZM_047_B2_G10_T7C	
41097	ZM_047_B2_G11	ZM_047_B2_G11_T7C	
41098	ZM_047_B2_H01	ZM_047_B2_H01_T7C	
41099	ZM_047_B2_H02	ZM_047_B2_H02_T7C	
41100	ZM_047_B2_H03	ZM_047_B2_H03_T7C	
41101	ZM_047_B2_H04	ZM_047_B2_H04_T7C	
41102	ZM_047_B2_H05	ZM_047_B2_H05_T7C	
41103	ZM_047_B2_H06	ZM_047_B2_H06_T7C	
41104	ZM_047_B2_H07	ZM_047_B2_H07_T7C	
41105	ZM_048_A1_A01	ZM_048_A1_A01_T7C	
41106	ZM_048_A1_A01		ZM_048_A1_A01_MR
41107	ZM_048_A1_A02	ZM_048_A1_A02_T7C	
41108	ZM_048_A1_A02		ZM_048_A1_A02_MR
41109	ZM_048_A1_A03	ZM_048_A1_A03_T7C	
41110	ZM_048_A1_A03		ZM_048_A1_A03_MR
41111	ZM_048_A1_A04	ZM_048_A1_A04_T7C	
41112	ZM_048_A1_A05	ZM_048_A1_A05_T7C	
41113	ZM_048_A1_A05		ZM_048_A1_A05_MR
41114	ZM_048_A1_A06	ZM_048_A1_A06_T7C	
41115	ZM_048_A1_A07	ZM_048_A1_A07_T7C	
41116	ZM_048_A1_A07		ZM_048_A1_A07_MR
41117	ZM_048_A1_A08	ZM_048_A1_A08_T7C	
41118	ZM_048_A1_A08		ZM_048_A1_A08_MR
41119	ZM_048_A1_A09	ZM_048_A1_A09_T7C	
41120	ZM_048_A1_A09		ZM_048_A1_A09_MR
41121	ZM_048_A1_A10	ZM_048_A1_A10_T7C	
41122	ZM_048_A1_A10		ZM_048_A1_A10_MR
41123	ZM_048_A1_A11	ZM_048_A1_A11_T7C	
41124	ZM_048_A1_A12	ZM_048_A1_A12_T7C	
41125	ZM_048_A1_A12		ZM_048_A1_A12_MR
41126	ZM_048_A1_B01	ZM_048_A1_B01_T7C	
41127	ZM_048_A1_B01		ZM_048_A1_B01_MR
41128	ZM_048_A1_B02	ZM_048_A1_B02_T7C	
41129	ZM_048_A1_B02		ZM_048_A1_B02_MR
41130	ZM_048_A1_B04	ZM_048_A1_B04_T7C	
41131	ZM_048_A1_B04		ZM_048_A1_B04_MR
41132	ZM_048_A1_B05	ZM_048_A1_B05_T7C	
41133	ZM_048_A1_B05		ZM_048_A1_B05_MR
41134	ZM_048_A1_B06	ZM_048_A1_B06_T7C	
41135	ZM_048_A1_B08	ZM_048_A1_B08_T7C	
41136	ZM_048_A1_B08		ZM_048_A1_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41137	ZM_048_A1_B09	ZM_048_A1_B09_T7C	
41138	ZM_048_A1_B09		ZM_048_A1_B09_MR
41139	ZM_048_A1_B10	ZM_048_A1_B10_T7C	
41140	ZM_048_A1_B10		ZM_048_A1_B10_MR
41141	ZM_048_A1_B11	ZM_048_A1_B11_T7C	
41142	ZM_048_A1_B12	ZM_048_A1_B12_T7C	
41143	ZM_048_A1_B12		ZM_048_A1_B12_MR
41144	ZM_048_A1_C01	ZM_048_A1_C01_T7C	
41145	ZM_048_A1_C01		ZM_048_A1_C01_MR
41146	ZM_048_A1_C02	ZM_048_A1_C02_T7C	
41147	ZM_048_A1_C02		ZM_048_A1_C02_MR
41148	ZM_048_A1_C03		ZM_048_A1_C03_MR
41149	ZM_048_A1_C04	ZM_048_A1_C04_T7C	
41150	ZM_048_A1_C04		ZM_048_A1_C04_MR
41151	ZM_048_A1_C05	ZM_048_A1_C05_T7C	
41152	ZM_048_A1_C05		ZM_048_A1_C05_MR
41153	ZM_048_A1_C06	ZM_048_A1_C06_T7C	
41154	ZM_048_A1_C06		ZM_048_A1_C06_MR
41155	ZM_048_A1_C07	ZM_048_A1_C07_T7C	
41156	ZM_048_A1_C07		ZM_048_A1_C07_MR
41157	ZM_048_A1_C08		ZM_048_A1_C08_MR
41158	ZM_048_A1_C09	ZM_048_A1_C09_T7C	
41159	ZM_048_A1_C09		ZM_048_A1_C09_MR
41160	ZM_048_A1_C10	ZM_048_A1_C10_T7C	
41161	ZM_048_A1_C10		ZM_048_A1_C10_MR
41162	ZM_048_A1_C12	ZM_048_A1_C12_T7C	
41163	ZM_048_A1_C12		ZM_048_A1_C12_MR
41164	ZM_048_A1_D01	ZM_048_A1_D01_T7C	
41165	ZM_048_A1_D01		ZM_048_A1_D01_MR
41166	ZM_048_A1_D02	ZM_048_A1_D02_T7C	
41167	ZM_048_A1_D02		ZM_048_A1_D02_MR
41168	ZM_048_A1_D04	ZM_048_A1_D04_T7C	
41169	ZM_048_A1_D04		ZM_048_A1_D04_MR
41170	ZM_048_A1_D05	ZM_048_A1_D05_T7C	
41171	ZM_048_A1_D05		ZM_048_A1_D05_MR
41172	ZM_048_A1_D06	ZM_048_A1_D06_T7C	
41173	ZM_048_A1_D06		ZM_048_A1_D06_MR
41174	ZM_048_A1_D07	ZM_048_A1_D07_T7C	
41175	ZM_048_A1_D07		ZM_048_A1_D07_MR
41176	ZM_048_A1_D08		ZM_048_A1_D08_MR
41177	ZM_048_A1_D09		ZM_048_A1_D09_MR
41178	ZM_048_A1_D11	ZM_048_A1_D11_T7C	
41179	ZM_048_A1_D12		ZM_048_A1_D12_MR
41180	ZM_048_A1_E01	ZM_048_A1_E01_T7C	
41181	ZM_048_A1_E01		ZM_048_A1_E01_MR
41182	ZM_048_A1_E02	ZM_048_A1_E02_T7C	
41183	ZM_048_A1_E02		ZM_048_A1_E02_MR
41184	ZM_048_A1_E03	ZM_048_A1_E03_T7C	
41185	ZM_048_A1_E03		ZM_048_A1_E03_MR
41186	ZM_048_A1_E04	ZM_048_A1_E04_T7C	
41187	ZM_048_A1_E05	ZM_048_A1_E05_T7C	
41188	ZM_048_A1_E05		ZM_048_A1_E05_MR
41189	ZM_048_A1_E07	ZM_048_A1_E07_T7C	
41190	ZM_048_A1_E07		ZM_048_A1_E07_MR
41191	ZM_048_A1_E08	ZM_048_A1_E08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41192	ZM_048_A1_E08		ZM_048_A1_E08_MR
41193	ZM_048_A1_E09	ZM_048_A1_E09_T7C	
41194	ZM_048_A1_E10	ZM_048_A1_E10_T7C	
41195	ZM_048_A1_E10		ZM_048_A1_E10_MR
41196	ZM_048_A1_E11	ZM_048_A1_E11_T7C	
41197	ZM_048_A1_E11		ZM_048_A1_E11_MR
41198	ZM_048_A1_E12	ZM_048_A1_E12_T7C	
41199	ZM_048_A1_E12		ZM_048_A1_E12_MR
41200	ZM_048_A1_F01	ZM_048_A1_F01_T7C	
41201	ZM_048_A1_F01		ZM_048_A1_F01_MR
41202	ZM_048_A1_F02	ZM_048_A1_F02_T7C	
41203	ZM_048_A1_F02		ZM_048_A1_F02_MR
41204	ZM_048_A1_F03	ZM_048_A1_F03_T7C	
41205	ZM_048_A1_F03		ZM_048_A1_F03_MR
41206	ZM_048_A1_F04	ZM_048_A1_F04_T7C	
41207	ZM_048_A1_F04		ZM_048_A1_F04_MR
41208	ZM_048_A1_F05		ZM_048_A1_F05_MR
41209	ZM_048_A1_F06	ZM_048_A1_F06_T7C	
41210	ZM_048_A1_F07	ZM_048_A1_F07_T7C	
41211	ZM_048_A1_F07		ZM_048_A1_F07_MR
41212	ZM_048_A1_F08	ZM_048_A1_F08_T7C	
41213	ZM_048_A1_F09	ZM_048_A1_F09_T7C	
41214	ZM_048_A1_F10	ZM_048_A1_F10_T7C	
41215	ZM_048_A1_F10		ZM_048_A1_F10_MR
41216	ZM_048_A1_F12	ZM_048_A1_F12_T7C	
41217	ZM_048_A1_F12		ZM_048_A1_F12_MR
41218	ZM_048_A1_G01	ZM_048_A1_G01_T7C	
41219	ZM_048_A1_G01		ZM_048_A1_G01_MR
41220	ZM_048_A1_G02	ZM_048_A1_G02_T7C	
41221	ZM_048_A1_G04		ZM_048_A1_G04_MR
41222	ZM_048_A1_G05	ZM_048_A1_G05_T7C	
41223	ZM_048_A1_G05		ZM_048_A1_G05_MR
41224	ZM_048_A1_G06	ZM_048_A1_G06_T7C	
41225	ZM_048_A1_G06		ZM_048_A1_G06_MR
41226	ZM_048_A1_G07	ZM_048_A1_G07_T7C	
41227	ZM_048_A1_G07		ZM_048_A1_G07_MR
41228	ZM_048_A1_G08	ZM_048_A1_G08_T7C	
41229	ZM_048_A1_G08		ZM_048_A1_G08_MR
41230	ZM_048_A1_G09		ZM_048_A1_G09_MR
41231	ZM_048_A1_G10	ZM_048_A1_G10_T7C	
41232	ZM_048_A1_G11	ZM_048_A1_G11_T7C	
41233	ZM_048_A1_G12		ZM_048_A1_G12_MR
41234	ZM_048_A1_H01	ZM_048_A1_H01_T7C	
41235	ZM_048_A1_H01		ZM_048_A1_H01_MR
41236	ZM_048_A1_H02	ZM_048_A1_H02_T7C	
41237	ZM_048_A1_H02		ZM_048_A1_H02_MR
41238	ZM_048_A1_H03		ZM_048_A1_H03_MR
41239	ZM_048_A1_H04	ZM_048_A1_H04_T7C	
41240	ZM_048_A1_H04		ZM_048_A1_H04_MR
41241	ZM_048_A1_H05	ZM_048_A1_H05_T7C	
41242	ZM_048_A1_H06	ZM_048_A1_H06_T7C	
41243	ZM_048_A1_H07		ZM_048_A1_H07_MR
41244	ZM_048_A1_H09	ZM_048_A1_H09_T7C	
41245	ZM_048_A1_H10	ZM_048_A1_H10_T7C	
41246	ZM_048_A1_H11	ZM_048_A1_H11_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41247	ZM_048_A2_A01	ZM_048_A2_A01_T7C	
41248	ZM_048_A2_A01		ZM_048_A2_A01_MR
41249	ZM_048_A2_A02	ZM_048_A2_A02_T7C	
41250	ZM_048_A2_A02		ZM_048_A2_A02_MR
41251	ZM_048_A2_A03	ZM_048_A2_A03_T7C	
41252	ZM_048_A2_A03		ZM_048_A2_A03_MR
41253	ZM_048_A2_A04	ZM_048_A2_A04_T7C	
41254	ZM_048_A2_A04		ZM_048_A2_A04_MR
41255	ZM_048_A2_A05	ZM_048_A2_A05_T7C	
41256	ZM_048_A2_A05		ZM_048_A2_A05_MR
41257	ZM_048_A2_A06		ZM_048_A2_A06_MR
41258	ZM_048_A2_A07		ZM_048_A2_A07_MR
41259	ZM_048_A2_A08	ZM_048_A2_A08_T7C	
41260	ZM_048_A2_A08		ZM_048_A2_A08_MR
41261	ZM_048_A2_A09		ZM_048_A2_A09_MR
41262	ZM_048_A2_A10		ZM_048_A2_A10_MR
41263	ZM_048_A2_A11		ZM_048_A2_A11_MR
41264	ZM_048_A2_A12	ZM_048_A2_A12_T7C	
41265	ZM_048_A2_A12		ZM_048_A2_A12_MR
41266	ZM_048_A2_B01	ZM_048_A2_B01_T7C	
41267	ZM_048_A2_B01		ZM_048_A2_B01_MR
41268	ZM_048_A2_B02	ZM_048_A2_B02_T7C	
41269	ZM_048_A2_B02		ZM_048_A2_B02_MR
41270	ZM_048_A2_B03		ZM_048_A2_B03_MR
41271	ZM_048_A2_B04	ZM_048_A2_B04_T7C	
41272	ZM_048_A2_B04		ZM_048_A2_B04_MR
41273	ZM_048_A2_B05	ZM_048_A2_B05_T7C	
41274	ZM_048_A2_B05		ZM_048_A2_B05_MR
41275	ZM_048_A2_B06	ZM_048_A2_B06_T7C	
41276	ZM_048_A2_B06		ZM_048_A2_B06_MR
41277	ZM_048_A2_B07	ZM_048_A2_B07_T7C	
41278	ZM_048_A2_B07		ZM_048_A2_B07_MR
41279	ZM_048_A2_B08	ZM_048_A2_B08_T7C	
41280	ZM_048_A2_B08		ZM_048_A2_B08_MR
41281	ZM_048_A2_B10	ZM_048_A2_B10_T7C	
41282	ZM_048_A2_B10		ZM_048_A2_B10_MR
41283	ZM_048_A2_B11	ZM_048_A2_B11_T7C	
41284	ZM_048_A2_B11		ZM_048_A2_B11_MR
41285	ZM_048_A2_B12	ZM_048_A2_B12_T7C	
41286	ZM_048_A2_B12		ZM_048_A2_B12_MR
41287	ZM_048_A2_C01	ZM_048_A2_C01_T7C	
41288	ZM_048_A2_C01		ZM_048_A2_C01_MR
41289	ZM_048_A2_C02	ZM_048_A2_C02_T7C	
41290	ZM_048_A2_C02		ZM_048_A2_C02_MR
41291	ZM_048_A2_C03	ZM_048_A2_C03_T7C	
41292	ZM_048_A2_C03		ZM_048_A2_C03_MR
41293	ZM_048_A2_C04	ZM_048_A2_C04_T7C	
41294	ZM_048_A2_C04		ZM_048_A2_C04_MR
41295	ZM_048_A2_C05	ZM_048_A2_C05_T7C	
41296	ZM_048_A2_C05		ZM_048_A2_C05_MR
41297	ZM_048_A2_C06	ZM_048_A2_C06_T7C	
41298	ZM_048_A2_C06		ZM_048_A2_C06_MR
41299	ZM_048_A2_C07	ZM_048_A2_C07_T7C	
41300	ZM_048_A2_C08	ZM_048_A2_C08_T7C	
41301	ZM_048_A2_C08		ZM_048_A2_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41302	ZM_048_A2_C09	ZM_048_A2_C09_T7C	
41303	ZM_048_A2_C09		ZM_048_A2_C09_MR
41304	ZM_048_A2_C10	ZM_048_A2_C10_T7C	
41305	ZM_048_A2_C10		ZM_048_A2_C10_MR
41306	ZM_048_A2_C11	ZM_048_A2_C11_T7C	
41307	ZM_048_A2_C11		ZM_048_A2_C11_MR
41308	ZM_048_A2_C12		ZM_048_A2_C12_MR
41309	ZM_048_A2_D01	ZM_048_A2_D01_T7C	
41310	ZM_048_A2_D01		ZM_048_A2_D01_MR
41311	ZM_048_A2_D02	ZM_048_A2_D02_T7C	
41312	ZM_048_A2_D02		ZM_048_A2_D02_MR
41313	ZM_048_A2_D03	ZM_048_A2_D03_T7C	
41314	ZM_048_A2_D03		ZM_048_A2_D03_MR
41315	ZM_048_A2_D04		ZM_048_A2_D04_MR
41316	ZM_048_A2_D05	ZM_048_A2_D05_T7C	
41317	ZM_048_A2_D05		ZM_048_A2_D05_MR
41318	ZM_048_A2_D06	ZM_048_A2_D06_T7C	
41319	ZM_048_A2_D06		ZM_048_A2_D06_MR
41320	ZM_048_A2_D07	ZM_048_A2_D07_T7C	
41321	ZM_048_A2_D07		ZM_048_A2_D07_MR
41322	ZM_048_A2_D08	ZM_048_A2_D08_T7C	
41323	ZM_048_A2_D08		ZM_048_A2_D08_MR
41324	ZM_048_A2_D09	ZM_048_A2_D09_T7C	
41325	ZM_048_A2_D09		ZM_048_A2_D09_MR
41326	ZM_048_A2_D10	ZM_048_A2_D10_T7C	
41327	ZM_048_A2_D10		ZM_048_A2_D10_MR
41328	ZM_048_A2_D11	ZM_048_A2_D11_T7C	
41329	ZM_048_A2_D11		ZM_048_A2_D11_MR
41330	ZM_048_A2_D12	ZM_048_A2_D12_T7C	
41331	ZM_048_A2_D12		ZM_048_A2_D12_MR
41332	ZM_048_A2_E01	ZM_048_A2_E01_T7C	
41333	ZM_048_A2_E01		ZM_048_A2_E01_MR
41334	ZM_048_A2_E02	ZM_048_A2_E02_T7C	
41335	ZM_048_A2_E02		ZM_048_A2_E02_MR
41336	ZM_048_A2_E03		ZM_048_A2_E03_MR
41337	ZM_048_A2_E04	ZM_048_A2_E04_T7C	
41338	ZM_048_A2_E04		ZM_048_A2_E04_MR
41339	ZM_048_A2_E05	ZM_048_A2_E05_T7C	
41340	ZM_048_A2_E05		ZM_048_A2_E05_MR
41341	ZM_048_A2_E06	ZM_048_A2_E06_T7C	
41342	ZM_048_A2_E06		ZM_048_A2_E06_MR
41343	ZM_048_A2_E07	ZM_048_A2_E07_T7C	
41344	ZM_048_A2_E07		ZM_048_A2_E07_MR
41345	ZM_048_A2_E08	ZM_048_A2_E08_T7C	
41346	ZM_048_A2_E08		ZM_048_A2_E08_MR
41347	ZM_048_A2_E09	ZM_048_A2_E09_T7C	
41348	ZM_048_A2_E09		ZM_048_A2_E09_MR
41349	ZM_048_A2_E10	ZM_048_A2_E10_T7C	
41350	ZM_048_A2_E10		ZM_048_A2_E10_MR
41351	ZM_048_A2_E11	ZM_048_A2_E11_T7C	
41352	ZM_048_A2_E11		ZM_048_A2_E11_MR
41353	ZM_048_A2_E12	ZM_048_A2_E12_T7C	
41354	ZM_048_A2_E12		ZM_048_A2_E12_MR
41355	ZM_048_A2_F01	ZM_048_A2_F01_T7C	
41356	ZM_048_A2_F01		ZM_048_A2_F01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41357	ZM_048_A2_F02	ZM_048_A2_F02_T7C	
41358	ZM_048_A2_F02		ZM_048_A2_F02_MR
41359	ZM_048_A2_F03		ZM_048_A2_F03_MR
41360	ZM_048_A2_F04	ZM_048_A2_F04_T7C	
41361	ZM_048_A2_F04		ZM_048_A2_F04_MR
41362	ZM_048_A2_F05	ZM_048_A2_F05_T7C	
41363	ZM_048_A2_F05		ZM_048_A2_F05_MR
41364	ZM_048_A2_F06	ZM_048_A2_F06_T7C	
41365	ZM_048_A2_F06		ZM_048_A2_F06_MR
41366	ZM_048_A2_F07	ZM_048_A2_F07_T7C	
41367	ZM_048_A2_F07		ZM_048_A2_F07_MR
41368	ZM_048_A2_F08	ZM_048_A2_F08_T7C	
41369	ZM_048_A2_F08		ZM_048_A2_F08_MR
41370	ZM_048_A2_F09		ZM_048_A2_F09_MR
41371	ZM_048_A2_F10	ZM_048_A2_F10_T7C	
41372	ZM_048_A2_F10		ZM_048_A2_F10_MR
41373	ZM_048_A2_F11		ZM_048_A2_F11_MR
41374	ZM_048_A2_F12	ZM_048_A2_F12_T7C	
41375	ZM_048_A2_F12		ZM_048_A2_F12_MR
41376	ZM_048_A2_G01	ZM_048_A2_G01_T7C	
41377	ZM_048_A2_G01		ZM_048_A2_G01_MR
41378	ZM_048_A2_G02	ZM_048_A2_G02_T7C	
41379	ZM_048_A2_G02		ZM_048_A2_G02_MR
41380	ZM_048_A2_G03	ZM_048_A2_G03_T7C	
41381	ZM_048_A2_G03		ZM_048_A2_G03_MR
41382	ZM_048_A2_G04	ZM_048_A2_G04_T7C	
41383	ZM_048_A2_G04		ZM_048_A2_G04_MR
41384	ZM_048_A2_G06	ZM_048_A2_G06_T7C	
41385	ZM_048_A2_G06		ZM_048_A2_G06_MR
41386	ZM_048_A2_G07	ZM_048_A2_G07_T7C	
41387	ZM_048_A2_G07		ZM_048_A2_G07_MR
41388	ZM_048_A2_G08	ZM_048_A2_G08_T7C	
41389	ZM_048_A2_G08		ZM_048_A2_G08_MR
41390	ZM_048_A2_G09	ZM_048_A2_G09_T7C	
41391	ZM_048_A2_G09		ZM_048_A2_G09_MR
41392	ZM_048_A2_G10	ZM_048_A2_G10_T7C	
41393	ZM_048_A2_G10		ZM_048_A2_G10_MR
41394	ZM_048_A2_G11	ZM_048_A2_G11_T7C	
41395	ZM_048_A2_G11		ZM_048_A2_G11_MR
41396	ZM_048_A2_G12	ZM_048_A2_G12_T7C	
41397	ZM_048_A2_G12		ZM_048_A2_G12_MR
41398	ZM_048_A2_H01	ZM_048_A2_H01_T7C	
41399	ZM_048_A2_H01		ZM_048_A2_H01_MR
41400	ZM_048_A2_H04		ZM_048_A2_H04_MR
41401	ZM_048_A2_H05	ZM_048_A2_H05_T7C	
41402	ZM_048_A2_H05		ZM_048_A2_H05_MR
41403	ZM_048_A2_H06		ZM_048_A2_H06_MR
41404	ZM_048_A2_H07		ZM_048_A2_H07_MR
41405	ZM_048_A2_H09	ZM_048_A2_H09_T7C	
41406	ZM_048_A2_H09		ZM_048_A2_H09_MR
41407	ZM_048_A2_H10	ZM_048_A2_H10_T7C	
41408	ZM_048_A2_H10		ZM_048_A2_H10_MR
41409	ZM_048_A2_H11	ZM_048_A2_H11_T7C	
41410	ZM_048_A2_H11		ZM_048_A2_H11_MR
41411	ZM_048_A2_H12	ZM_048_A2_H12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41412	ZM_048_A2_H12		ZM_048_A2_H12_MR
41413	ZM_048_B2_A01	ZM_048_B2_A01_T7C	
41414	ZM_048_B2_A01		ZM_048_B2_A01_MR
41415	ZM_048_B2_A02	ZM_048_B2_A02_T7C	
41416	ZM_048_B2_A02		ZM_048_B2_A02_MR
41417	ZM_048_B2_A03		ZM_048_B2_A03_MR
41418	ZM_048_B2_A04	ZM_048_B2_A04_T7C	
41419	ZM_048_B2_A04		ZM_048_B2_A04_MR
41420	ZM_048_B2_A05	ZM_048_B2_A05_T7C	
41421	ZM_048_B2_A05		ZM_048_B2_A05_MR
41422	ZM_048_B2_A06	ZM_048_B2_A06_T7C	
41423	ZM_048_B2_A06		ZM_048_B2_A06_MR
41424	ZM_048_B2_A07	ZM_048_B2_A07_T7C	
41425	ZM_048_B2_A07		ZM_048_B2_A07_MR
41426	ZM_048_B2_A09	ZM_048_B2_A09_T7C	
41427	ZM_048_B2_A09		ZM_048_B2_A09_MR
41428	ZM_048_B2_A10	ZM_048_B2_A10_T7C	
41429	ZM_048_B2_A10		ZM_048_B2_A10_MR
41430	ZM_048_B2_A11	ZM_048_B2_A11_T7C	
41431	ZM_048_B2_A12	ZM_048_B2_A12_T7C	
41432	ZM_048_B2_A12		ZM_048_B2_A12_MR
41433	ZM_048_B2_B01	ZM_048_B2_B01_T7C	
41434	ZM_048_B2_B01		ZM_048_B2_B01_MR
41435	ZM_048_B2_B02	ZM_048_B2_B02_T7C	
41436	ZM_048_B2_B02		ZM_048_B2_B02_MR
41437	ZM_048_B2_B03		ZM_048_B2_B03_MR
41438	ZM_048_B2_B04	ZM_048_B2_B04_T7C	
41439	ZM_048_B2_B04		ZM_048_B2_B04_MR
41440	ZM_048_B2_B05	ZM_048_B2_B05_T7C	
41441	ZM_048_B2_B05		ZM_048_B2_B05_MR
41442	ZM_048_B2_B06		ZM_048_B2_B06_MR
41443	ZM_048_B2_B07	ZM_048_B2_B07_T7C	
41444	ZM_048_B2_B07		ZM_048_B2_B07_MR
41445	ZM_048_B2_B08	ZM_048_B2_B08_T7C	
41446	ZM_048_B2_B08		ZM_048_B2_B08_MR
41447	ZM_048_B2_B09	ZM_048_B2_B09_T7C	
41448	ZM_048_B2_B09		ZM_048_B2_B09_MR
41449	ZM_048_B2_B10	ZM_048_B2_B10_T7C	
41450	ZM_048_B2_B10		ZM_048_B2_B10_MR
41451	ZM_048_B2_B11	ZM_048_B2_B11_T7C	
41452	ZM_048_B2_B11		ZM_048_B2_B11_MR
41453	ZM_048_B2_B12	ZM_048_B2_B12_T7C	
41454	ZM_048_B2_B12		ZM_048_B2_B12_MR
41455	ZM_048_B2_C01		ZM_048_B2_C01_MR
41456	ZM_048_B2_C02	ZM_048_B2_C02_T7C	
41457	ZM_048_B2_C02		ZM_048_B2_C02_MR
41458	ZM_048_B2_C04	ZM_048_B2_C04_T7C	
41459	ZM_048_B2_C04		ZM_048_B2_C04_MR
41460	ZM_048_B2_C05	ZM_048_B2_C05_T7C	
41461	ZM_048_B2_C05		ZM_048_B2_C05_MR
41462	ZM_048_B2_C06		ZM_048_B2_C06_MR
41463	ZM_048_B2_C07	ZM_048_B2_C07_T7C	
41464	ZM_048_B2_C07		ZM_048_B2_C07_MR
41465	ZM_048_B2_C08		ZM_048_B2_C08_MR
41466	ZM_048_B2_C09	ZM_048_B2_C09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41467	ZM_048_B2_C09		ZM_048_B2_C09_MR
41468	ZM_048_B2_C10	ZM_048_B2_C10_T7C	
41469	ZM_048_B2_C10		ZM_048_B2_C10_MR
41470	ZM_048_B2_C11	ZM_048_B2_C11_T7C	
41471	ZM_048_B2_C11		ZM_048_B2_C11_MR
41472	ZM_048_B2_C12	ZM_048_B2_C12_T7C	
41473	ZM_048_B2_D01	ZM_048_B2_D01_T7C	
41474	ZM_048_B2_D01		ZM_048_B2_D01_MR
41475	ZM_048_B2_D02	ZM_048_B2_D02_T7C	
41476	ZM_048_B2_D02		ZM_048_B2_D02_MR
41477	ZM_048_B2_D03		ZM_048_B2_D03_MR
41478	ZM_048_B2_D04	ZM_048_B2_D04_T7C	
41479	ZM_048_B2_D04		ZM_048_B2_D04_MR
41480	ZM_048_B2_D05	ZM_048_B2_D05_T7C	
41481	ZM_048_B2_D05		ZM_048_B2_D05_MR
41482	ZM_048_B2_D06	ZM_048_B2_D06_T7C	
41483	ZM_048_B2_D06		ZM_048_B2_D06_MR
41484	ZM_048_B2_D07	ZM_048_B2_D07_T7C	
41485	ZM_048_B2_D07		ZM_048_B2_D07_MR
41486	ZM_048_B2_D08		ZM_048_B2_D08_MR
41487	ZM_048_B2_D09	ZM_048_B2_D09_T7C	
41488	ZM_048_B2_D09		ZM_048_B2_D09_MR
41489	ZM_048_B2_D10	ZM_048_B2_D10_T7C	
41490	ZM_048_B2_D10		ZM_048_B2_D10_MR
41491	ZM_048_B2_D11	ZM_048_B2_D11_T7C	
41492	ZM_048_B2_D11		ZM_048_B2_D11_MR
41493	ZM_048_B2_D12	ZM_048_B2_D12_T7C	
41494	ZM_048_B2_D12		ZM_048_B2_D12_MR
41495	ZM_048_B2_E01	ZM_048_B2_E01_T7C	
41496	ZM_048_B2_E01		ZM_048_B2_E01_MR
41497	ZM_048_B2_E02	ZM_048_B2_E02_T7C	
41498	ZM_048_B2_E02		ZM_048_B2_E02_MR
41499	ZM_048_B2_E03	ZM_048_B2_E03_T7C	
41500	ZM_048_B2_E03		ZM_048_B2_E03_MR
41501	ZM_048_B2_E04	ZM_048_B2_E04_T7C	
41502	ZM_048_B2_E04		ZM_048_B2_E04_MR
41503	ZM_048_B2_E06	ZM_048_B2_E06_T7C	
41504	ZM_048_B2_E06		ZM_048_B2_E06_MR
41505	ZM_048_B2_E07		ZM_048_B2_E07_MR
41506	ZM_048_B2_E08	ZM_048_B2_E08_T7C	
41507	ZM_048_B2_E08		ZM_048_B2_E08_MR
41508	ZM_048_B2_E09	ZM_048_B2_E09_T7C	
41509	ZM_048_B2_E09		ZM_048_B2_E09_MR
41510	ZM_048_B2_E10	ZM_048_B2_E10_T7C	
41511	ZM_048_B2_E10		ZM_048_B2_E10_MR
41512	ZM_048_B2_E11	ZM_048_B2_E11_T7C	
41513	ZM_048_B2_E11		ZM_048_B2_E11_MR
41514	ZM_048_B2_E12	ZM_048_B2_E12_T7C	
41515	ZM_048_B2_E12		ZM_048_B2_E12_MR
41516	ZM_048_B2_F01	ZM_048_B2_F01_T7C	
41517	ZM_048_B2_F01		ZM_048_B2_F01_MR
41518	ZM_048_B2_F02	ZM_048_B2_F02_T7C	
41519	ZM_048_B2_F02		ZM_048_B2_F02_MR
41520	ZM_048_B2_F03	ZM_048_B2_F03_T7C	
41521	ZM_048_B2_F03		ZM_048_B2_F03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41522	ZM_048_B2_F04	ZM_048_B2_F04_T7C	
41523	ZM_048_B2_F05		ZM_048_B2_F05_MR
41524	ZM_048_B2_F06		ZM_048_B2_F06_MR
41525	ZM_048_B2_F07	ZM_048_B2_F07_T7C	
41526	ZM_048_B2_F07		ZM_048_B2_F07_MR
41527	ZM_048_B2_F08	ZM_048_B2_F08_T7C	
41528	ZM_048_B2_F08		ZM_048_B2_F08_MR
41529	ZM_048_B2_F09	ZM_048_B2_F09_T7C	
41530	ZM_048_B2_F09		ZM_048_B2_F09_MR
41531	ZM_048_B2_F10	ZM_048_B2_F10_T7C	
41532	ZM_048_B2_F10		ZM_048_B2_F10_MR
41533	ZM_048_B2_F11	ZM_048_B2_F11_T7C	
41534	ZM_048_B2_F11		ZM_048_B2_F11_MR
41535	ZM_048_B2_G01	ZM_048_B2_G01_T7C	
41536	ZM_048_B2_G01		ZM_048_B2_G01_MR
41537	ZM_048_B2_G02	ZM_048_B2_G02_T7C	
41538	ZM_048_B2_G02		ZM_048_B2_G02_MR
41539	ZM_048_B2_G03	ZM_048_B2_G03_T7C	
41540	ZM_048_B2_G03		ZM_048_B2_G03_MR
41541	ZM_048_B2_G04	ZM_048_B2_G04_T7C	
41542	ZM_048_B2_G04		ZM_048_B2_G04_MR
41543	ZM_048_B2_G05	ZM_048_B2_G05_T7C	
41544	ZM_048_B2_G05		ZM_048_B2_G05_MR
41545	ZM_048_B2_G06	ZM_048_B2_G06_T7C	
41546	ZM_048_B2_G07	ZM_048_B2_G07_T7C	
41547	ZM_048_B2_G08	ZM_048_B2_G08_T7C	
41548	ZM_048_B2_G08		ZM_048_B2_G08_MR
41549	ZM_048_B2_G09	ZM_048_B2_G09_T7C	
41550	ZM_048_B2_G09		ZM_048_B2_G09_MR
41551	ZM_048_B2_G10	ZM_048_B2_G10_T7C	
41552	ZM_048_B2_G10		ZM_048_B2_G10_MR
41553	ZM_048_B2_G11	ZM_048_B2_G11_T7C	
41554	ZM_048_B2_G11		ZM_048_B2_G11_MR
41555	ZM_048_B2_G12	ZM_048_B2_G12_T7C	
41556	ZM_048_B2_G12		ZM_048_B2_G12_MR
41557	ZM_048_B2_H01	ZM_048_B2_H01_T7C	
41558	ZM_048_B2_H01		ZM_048_B2_H01_MR
41559	ZM_048_B2_H02	ZM_048_B2_H02_T7C	
41560	ZM_048_B2_H02		ZM_048_B2_H02_MR
41561	ZM_048_B2_H03		ZM_048_B2_H03_MR
41562	ZM_048_B2_H04		ZM_048_B2_H04_MR
41563	ZM_048_B2_H05	ZM_048_B2_H05_T7C	
41564	ZM_048_B2_H05		ZM_048_B2_H05_MR
41565	ZM_048_B2_H06	ZM_048_B2_H06_T7C	
41566	ZM_048_B2_H06		ZM_048_B2_H06_MR
41567	ZM_048_B2_H07	ZM_048_B2_H07_T7C	
41568	ZM_048_B2_H07		ZM_048_B2_H07_MR
41569	ZM_048_B2_H08		ZM_048_B2_H08_MR
41570	ZM_048_B2_H09	ZM_048_B2_H09_T7C	
41571	ZM_048_B2_H09		ZM_048_B2_H09_MR
41572	ZM_048_B2_H10	ZM_048_B2_H10_T7C	
41573	ZM_048_B2_H10		ZM_048_B2_H10_MR
41574	ZM_048_B2_H11	ZM_048_B2_H11_T7C	
41575	ZM_048_B2_H11		ZM_048_B2_H11_MR
41576	ZM_048_B2_H12		ZM_048_B2_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41577	ZM_049_A1_A04	ZM_049_A1_A04_T7C	
41578	ZM_049_A1_A05	ZM_049_A1_A05_T7C	
41579	ZM_049_A1_A06	ZM_049_A1_A06_T7C	
41580	ZM_049_A1_A07	ZM_049_A1_A07_T7C	
41581	ZM_049_A1_A09	ZM_049_A1_A09_T7C	
41582	ZM_049_A1_A10	ZM_049_A1_A10_T7C	
41583	ZM_049_A1_A11	ZM_049_A1_A11_T7C	
41584	ZM_049_A1_A12	ZM_049_A1_A12_T7C	
41585	ZM_049_A1_B02	ZM_049_A1_B02_T7C	
41586	ZM_049_A1_B03	ZM_049_A1_B03_T7C	
41587	ZM_049_A1_B04	ZM_049_A1_B04_T7C	
41588	ZM_049_A1_B05	ZM_049_A1_B05_T7C	
41589	ZM_049_A1_B06	ZM_049_A1_B06_T7C	
41590	ZM_049_A1_B07	ZM_049_A1_B07_T7C	
41591	ZM_049_A1_B08	ZM_049_A1_B08_T7C	
41592	ZM_049_A1_B09	ZM_049_A1_B09_T7C	
41593	ZM_049_A1_B10	ZM_049_A1_B10_T7C	
41594	ZM_049_A1_B11	ZM_049_A1_B11_T7C	
41595	ZM_049_A1_B12	ZM_049_A1_B12_T7C	
41596	ZM_049_A1_C01	ZM_049_A1_C01_T7C	
41597	ZM_049_A1_C02	ZM_049_A1_C02_T7C	
41598	ZM_049_A1_C03	ZM_049_A1_C03_T7C	
41599	ZM_049_A1_C04	ZM_049_A1_C04_T7C	
41600	ZM_049_A1_C05	ZM_049_A1_C05_T7C	
41601	ZM_049_A1_C06	ZM_049_A1_C06_T7C	
41602	ZM_049_A1_C07	ZM_049_A1_C07_T7C	
41603	ZM_049_A1_C08	ZM_049_A1_C08_T7C	
41604	ZM_049_A1_C09	ZM_049_A1_C09_T7C	
41605	ZM_049_A1_C10	ZM_049_A1_C10_T7C	
41606	ZM_049_A1_C11	ZM_049_A1_C11_T7C	
41607	ZM_049_A1_C12	ZM_049_A1_C12_T7C	
41608	ZM_049_A1_D01	ZM_049_A1_D01_T7C	
41609	ZM_049_A1_D02	ZM_049_A1_D02_T7C	
41610	ZM_049_A1_D03	ZM_049_A1_D03_T7C	
41611	ZM_049_A1_D04	ZM_049_A1_D04_T7C	
41612	ZM_049_A1_D05	ZM_049_A1_D05_T7C	
41613	ZM_049_A1_D06	ZM_049_A1_D06_T7C	
41614	ZM_049_A1_D07	ZM_049_A1_D07_T7C	
41615	ZM_049_A1_D08	ZM_049_A1_D08_T7C	
41616	ZM_049_A1_D09	ZM_049_A1_D09_T7C	
41617	ZM_049_A1_D10	ZM_049_A1_D10_T7C	
41618	ZM_049_A1_D11	ZM_049_A1_D11_T7C	
41619	ZM_049_A1_D12	ZM_049_A1_D12_T7C	
41620	ZM_049_A1_E01	ZM_049_A1_E01_T7C	
41621	ZM_049_A1_E02	ZM_049_A1_E02_T7C	
41622	ZM_049_A1_E03	ZM_049_A1_E03_T7C	
41623	ZM_049_A1_E04	ZM_049_A1_E04_T7C	
41624	ZM_049_A1_E05	ZM_049_A1_E05_T7C	
41625	ZM_049_A1_E06	ZM_049_A1_E06_T7C	
41626	ZM_049_A1_E07	ZM_049_A1_E07_T7C	
41627	ZM_049_A1_E08	ZM_049_A1_E08_T7C	
41628	ZM_049_A1_E09	ZM_049_A1_E09_T7C	
41629	ZM_049_A1_E10	ZM_049_A1_E10_T7C	
41630	ZM_049_A1_E11	ZM_049_A1_E11_T7C	
41631	ZM_049_A1_E12	ZM_049_A1_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41632	ZM_049_A1_F01	ZM_049_A1_F01_T7C	
41633	ZM_049_A1_F02	ZM_049_A1_F02_T7C	
41634	ZM_049_A1_F03	ZM_049_A1_F03_T7C	
41635	ZM_049_A1_F04	ZM_049_A1_F04_T7C	
41636	ZM_049_A1_F05	ZM_049_A1_F05_T7C	
41637	ZM_049_A1_F06	ZM_049_A1_F06_T7C	
41638	ZM_049_A1_F08	ZM_049_A1_F08_T7C	
41639	ZM_049_A1_F09	ZM_049_A1_F09_T7C	
41640	ZM_049_A1_F10	ZM_049_A1_F10_T7C	
41641	ZM_049_A1_F11	ZM_049_A1_F11_T7C	
41642	ZM_049_A1_F12	ZM_049_A1_F12_T7C	
41643	ZM_049_A1_G01	ZM_049_A1_G01_T7C	
41644	ZM_049_A1_G02	ZM_049_A1_G02_T7C	
41645	ZM_049_A1_G04	ZM_049_A1_G04_T7C	
41646	ZM_049_A1_G05	ZM_049_A1_G05_T7C	
41647	ZM_049_A1_G06	ZM_049_A1_G06_T7C	
41648	ZM_049_A1_G07	ZM_049_A1_G07_T7C	
41649	ZM_049_A1_G09	ZM_049_A1_G09_T7C	
41650	ZM_049_A1_G10	ZM_049_A1_G10_T7C	
41651	ZM_049_A1_G12	ZM_049_A1_G12_T7C	
41652	ZM_049_A1_H01	ZM_049_A1_H01_T7C	
41653	ZM_049_A1_H02	ZM_049_A1_H02_T7C	
41654	ZM_049_A1_H03	ZM_049_A1_H03_T7C	
41655	ZM_049_A1_H04	ZM_049_A1_H04_T7C	
41656	ZM_049_A1_H05	ZM_049_A1_H05_T7C	
41657	ZM_049_A1_H06	ZM_049_A1_H06_T7C	
41658	ZM_049_A1_H07	ZM_049_A1_H07_T7C	
41659	ZM_049_A1_H08	ZM_049_A1_H08_T7C	
41660	ZM_049_A1_H09	ZM_049_A1_H09_T7C	
41661	ZM_049_A1_H10	ZM_049_A1_H10_T7C	
41662	ZM_049_A1_H11	ZM_049_A1_H11_T7C	
41663	ZM_049_A1_H12	ZM_049_A1_H12_T7C	
41664	ZM_049_A2_A02		ZM_049_A2_A02_MR
41665	ZM_049_A2_A04		ZM_049_A2_A04_MR
41666	ZM_049_A2_A06		ZM_049_A2_A06_MR
41667	ZM_049_A2_A07		ZM_049_A2_A07_MR
41668	ZM_049_A2_A10		ZM_049_A2_A10_MR
41669	ZM_049_A2_A11		ZM_049_A2_A11_MR
41670	ZM_049_A2_A12		ZM_049_A2_A12_MR
41671	ZM_049_A2_B03		ZM_049_A2_B03_MR
41672	ZM_049_A2_B05		ZM_049_A2_B05_MR
41673	ZM_049_A2_B06		ZM_049_A2_B06_MR
41674	ZM_049_A2_B07		ZM_049_A2_B07_MR
41675	ZM_049_A2_B12		ZM_049_A2_B12_MR
41676	ZM_049_A2_C02		ZM_049_A2_C02_MR
41677	ZM_049_A2_C03		ZM_049_A2_C03_MR
41678	ZM_049_A2_C04		ZM_049_A2_C04_MR
41679	ZM_049_A2_C05		ZM_049_A2_C05_MR
41680	ZM_049_A2_C06		ZM_049_A2_C06_MR
41681	ZM_049_A2_C11		ZM_049_A2_C11_MR
41682	ZM_049_A2_C12		ZM_049_A2_C12_MR
41683	ZM_049_A2_D04		ZM_049_A2_D04_MR
41684	ZM_049_A2_D06		ZM_049_A2_D06_MR
41685	ZM_049_A2_D10		ZM_049_A2_D10_MR
41686	ZM_049_A2_D11		ZM_049_A2_D11_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41687	ZM_049_A2_D12		ZM_049_A2_D12_MR
41688	ZM_049_A2_E02		ZM_049_A2_E02_MR
41689	ZM_049_A2_E04		ZM_049_A2_E04_MR
41690	ZM_049_A2_E05		ZM_049_A2_E05_MR
41691	ZM_049_A2_E07		ZM_049_A2_E07_MR
41692	ZM_049_A2_E08		ZM_049_A2_E08_MR
41693	ZM_049_A2_E10		ZM_049_A2_E10_MR
41694	ZM_049_A2_E11		ZM_049_A2_E11_MR
41695	ZM_049_A2_E12		ZM_049_A2_E12_MR
41696	ZM_049_A2_F05		ZM_049_A2_F05_MR
41697	ZM_049_A2_F06		ZM_049_A2_F06_MR
41698	ZM_049_A2_F09		ZM_049_A2_F09_MR
41699	ZM_049_A2_F10		ZM_049_A2_F10_MR
41700	ZM_049_A2_F11		ZM_049_A2_F11_MR
41701	ZM_049_A2_G04		ZM_049_A2_G04_MR
41702	ZM_049_A2_G07		ZM_049_A2_G07_MR
41703	ZM_049_A2_G10		ZM_049_A2_G10_MR
41704	ZM_049_A2_G11		ZM_049_A2_G11_MR
41705	ZM_049_A2_G12		ZM_049_A2_G12_MR
41706	ZM_049_A2_H02		ZM_049_A2_H02_MR
41707	ZM_049_A2_H03		ZM_049_A2_H03_MR
41708	ZM_049_A2_H05		ZM_049_A2_H05_MR
41709	ZM_049_A2_H10		ZM_049_A2_H10_MR
41710	ZM_049_B2_A01	ZM_049_B2_A01_T7C	
41711	ZM_049_B2_A01		ZM_049_B2_A01_MR
41712	ZM_049_B2_A02	ZM_049_B2_A02_T7C	
41713	ZM_049_B2_A02		ZM_049_B2_A02_MR
41714	ZM_049_B2_A03	ZM_049_B2_A03_T7C	
41715	ZM_049_B2_A03		ZM_049_B2_A03_MR
41716	ZM_049_B2_A04	ZM_049_B2_A04_T7C	
41717	ZM_049_B2_A04		ZM_049_B2_A04_MR
41718	ZM_049_B2_A06		ZM_049_B2_A06_MR
41719	ZM_049_B2_A07	ZM_049_B2_A07_T7C	
41720	ZM_049_B2_A07		ZM_049_B2_A07_MR
41721	ZM_049_B2_A08		ZM_049_B2_A08_MR
41722	ZM_049_B2_A09		ZM_049_B2_A09_MR
41723	ZM_049_B2_A10	ZM_049_B2_A10_T7C	
41724	ZM_049_B2_A10		ZM_049_B2_A10_MR
41725	ZM_049_B2_A11	ZM_049_B2_A11_T7C	
41726	ZM_049_B2_A11		ZM_049_B2_A11_MR
41727	ZM_049_B2_A12		ZM_049_B2_A12_MR
41728	ZM_049_B2_B01	ZM_049_B2_B01_T7C	
41729	ZM_049_B2_B01		ZM_049_B2_B01_MR
41730	ZM_049_B2_B02	ZM_049_B2_B02_T7C	
41731	ZM_049_B2_B02		ZM_049_B2_B02_MR
41732	ZM_049_B2_B04	ZM_049_B2_B04_T7C	
41733	ZM_049_B2_B04		ZM_049_B2_B04_MR
41734	ZM_049_B2_B05		ZM_049_B2_B05_MR
41735	ZM_049_B2_B06		ZM_049_B2_B06_MR
41736	ZM_049_B2_B07	ZM_049_B2_B07_T7C	
41737	ZM_049_B2_B07		ZM_049_B2_B07_MR
41738	ZM_049_B2_B08		ZM_049_B2_B08_MR
41739	ZM_049_B2_B09		ZM_049_B2_B09_MR
41740	ZM_049_B2_B10	ZM_049_B2_B10_T7C	
41741	ZM_049_B2_B10		ZM_049_B2_B10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41742	ZM_049_B2_B11	ZM_049_B2_B11_T7C	
41743	ZM_049_B2_B11		ZM_049_B2_B11_MR
41744	ZM_049_B2_C01	ZM_049_B2_C01_T7C	
41745	ZM_049_B2_C01		ZM_049_B2_C01_MR
41746	ZM_049_B2_C02	ZM_049_B2_C02_T7C	
41747	ZM_049_B2_C02		ZM_049_B2_C02_MR
41748	ZM_049_B2_C04		ZM_049_B2_C04_MR
41749	ZM_049_B2_C06		ZM_049_B2_C06_MR
41750	ZM_049_B2_C07	ZM_049_B2_C07_T7C	
41751	ZM_049_B2_C07		ZM_049_B2_C07_MR
41752	ZM_049_B2_C08	ZM_049_B2_C08_T7C	
41753	ZM_049_B2_C08		ZM_049_B2_C08_MR
41754	ZM_049_B2_C09		ZM_049_B2_C09_MR
41755	ZM_049_B2_C10	ZM_049_B2_C10_T7C	
41756	ZM_049_B2_C11		ZM_049_B2_C11_MR
41757	ZM_049_B2_C12		ZM_049_B2_C12_MR
41758	ZM_049_B2_D01	ZM_049_B2_D01_T7C	
41759	ZM_049_B2_D01		ZM_049_B2_D01_MR
41760	ZM_049_B2_D02	ZM_049_B2_D02_T7C	
41761	ZM_049_B2_D02		ZM_049_B2_D02_MR
41762	ZM_049_B2_D03	ZM_049_B2_D03_T7C	
41763	ZM_049_B2_D03		ZM_049_B2_D03_MR
41764	ZM_049_B2_D04	ZM_049_B2_D04_T7C	
41765	ZM_049_B2_D04		ZM_049_B2_D04_MR
41766	ZM_049_B2_D06	ZM_049_B2_D06_T7C	
41767	ZM_049_B2_D06		ZM_049_B2_D06_MR
41768	ZM_049_B2_D07	ZM_049_B2_D07_T7C	
41769	ZM_049_B2_D08		ZM_049_B2_D08_MR
41770	ZM_049_B2_D09	ZM_049_B2_D09_T7C	
41771	ZM_049_B2_D09		ZM_049_B2_D09_MR
41772	ZM_049_B2_D10	ZM_049_B2_D10_T7C	
41773	ZM_049_B2_D10		ZM_049_B2_D10_MR
41774	ZM_049_B2_D11	ZM_049_B2_D11_T7C	
41775	ZM_049_B2_D11		ZM_049_B2_D11_MR
41776	ZM_049_B2_D12		ZM_049_B2_D12_MR
41777	ZM_049_B2_E01	ZM_049_B2_E01_T7C	
41778	ZM_049_B2_E01		ZM_049_B2_E01_MR
41779	ZM_049_B2_E02	ZM_049_B2_E02_T7C	
41780	ZM_049_B2_E02		ZM_049_B2_E02_MR
41781	ZM_049_B2_E03	ZM_049_B2_E03_T7C	
41782	ZM_049_B2_E03		ZM_049_B2_E03_MR
41783	ZM_049_B2_E04	ZM_049_B2_E04_T7C	
41784	ZM_049_B2_E05		ZM_049_B2_E05_MR
41785	ZM_049_B2_E06		ZM_049_B2_E06_MR
41786	ZM_049_B2_E07	ZM_049_B2_E07_T7C	
41787	ZM_049_B2_E08		ZM_049_B2_E08_MR
41788	ZM_049_B2_E09	ZM_049_B2_E09_T7C	
41789	ZM_049_B2_E09		ZM_049_B2_E09_MR
41790	ZM_049_B2_E10		ZM_049_B2_E10_MR
41791	ZM_049_B2_E11		ZM_049_B2_E11_MR
41792	ZM_049_B2_E12	ZM_049_B2_E12_T7C	
41793	ZM_049_B2_E12		ZM_049_B2_E12_MR
41794	ZM_049_B2_F01	ZM_049_B2_F01_T7C	
41795	ZM_049_B2_F01		ZM_049_B2_F01_MR
41796	ZM_049_B2_F02	ZM_049_B2_F02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41797	ZM_049_B2_F02		ZM_049_B2_F02_MR
41798	ZM_049_B2_F03		ZM_049_B2_F03_MR
41799	ZM_049_B2_F04	ZM_049_B2_F04_T7C	
41800	ZM_049_B2_F04		ZM_049_B2_F04_MR
41801	ZM_049_B2_F06		ZM_049_B2_F06_MR
41802	ZM_049_B2_F07	ZM_049_B2_F07_T7C	
41803	ZM_049_B2_F07		ZM_049_B2_F07_MR
41804	ZM_049_B2_F08		ZM_049_B2_F08_MR
41805	ZM_049_B2_F09	ZM_049_B2_F09_T7C	
41806	ZM_049_B2_F09		ZM_049_B2_F09_MR
41807	ZM_049_B2_F10	ZM_049_B2_F10_T7C	
41808	ZM_049_B2_F10		ZM_049_B2_F10_MR
41809	ZM_049_B2_F11	ZM_049_B2_F11_T7C	
41810	ZM_049_B2_F11		ZM_049_B2_F11_MR
41811	ZM_049_B2_G01	ZM_049_B2_G01_T7C	
41812	ZM_049_B2_G01		ZM_049_B2_G01_MR
41813	ZM_049_B2_G02	ZM_049_B2_G02_T7C	
41814	ZM_049_B2_G02		ZM_049_B2_G02_MR
41815	ZM_049_B2_G03		ZM_049_B2_G03_MR
41816	ZM_049_B2_G04	ZM_049_B2_G04_T7C	
41817	ZM_049_B2_G04		ZM_049_B2_G04_MR
41818	ZM_049_B2_G07	ZM_049_B2_G07_T7C	
41819	ZM_049_B2_G07		ZM_049_B2_G07_MR
41820	ZM_049_B2_G08		ZM_049_B2_G08_MR
41821	ZM_049_B2_G09	ZM_049_B2_G09_T7C	
41822	ZM_049_B2_G09		ZM_049_B2_G09_MR
41823	ZM_049_B2_G10	ZM_049_B2_G10_T7C	
41824	ZM_049_B2_G10		ZM_049_B2_G10_MR
41825	ZM_049_B2_G11		ZM_049_B2_G11_MR
41826	ZM_049_B2_G12	ZM_049_B2_G12_T7C	
41827	ZM_049_B2_H01	ZM_049_B2_H01_T7C	
41828	ZM_049_B2_H01		ZM_049_B2_H01_MR
41829	ZM_049_B2_H02	ZM_049_B2_H02_T7C	
41830	ZM_049_B2_H02		ZM_049_B2_H02_MR
41831	ZM_049_B2_H03		ZM_049_B2_H03_MR
41832	ZM_049_B2_H04		ZM_049_B2_H04_MR
41833	ZM_049_B2_H06	ZM_049_B2_H06_T7C	
41834	ZM_049_B2_H08		ZM_049_B2_H08_MR
41835	ZM_049_B2_H10	ZM_049_B2_H10_T7C	
41836	ZM_049_B2_H10		ZM_049_B2_H10_MR
41837	ZM_049_B2_H11		ZM_049_B2_H11_MR
41838	ZM_049_B2_H12		ZM_049_B2_H12_MR
41839	ZM_050_A1_A01	ZM_050_A1_A01_T7C	
41840	ZM_050_A1_A01		ZM_050_A1_A01_MR
41841	ZM_050_A1_A02	ZM_050_A1_A02_T7C	
41842	ZM_050_A1_A02		ZM_050_A1_A02_MR
41843	ZM_050_A1_A03	ZM_050_A1_A03_T7C	
41844	ZM_050_A1_A03		ZM_050_A1_A03_MR
41845	ZM_050_A1_A04	ZM_050_A1_A04_T7C	
41846	ZM_050_A1_A05	ZM_050_A1_A05_T7C	
41847	ZM_050_A1_A05		ZM_050_A1_A05_MR
41848	ZM_050_A1_A06	ZM_050_A1_A06_T7C	
41849	ZM_050_A1_A07	ZM_050_A1_A07_T7C	
41850	ZM_050_A1_A10	ZM_050_A1_A10_T7C	
41851	ZM_050_A1_A10		ZM_050_A1_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41852	ZM_050_A1_A11	ZM_050_A1_A11_T7C	
41853	ZM_050_A1_A11		ZM_050_A1_A11_MR
41854	ZM_050_A1_A12	ZM_050_A1_A12_T7C	
41855	ZM_050_A1_A12		ZM_050_A1_A12_MR
41856	ZM_050_A1_B01	ZM_050_A1_B01_T7C	
41857	ZM_050_A1_B02	ZM_050_A1_B02_T7C	
41858	ZM_050_A1_B02		ZM_050_A1_B02_MR
41859	ZM_050_A1_B03	ZM_050_A1_B03_T7C	
41860	ZM_050_A1_B04	ZM_050_A1_B04_T7C	
41861	ZM_050_A1_B05	ZM_050_A1_B05_T7C	
41862	ZM_050_A1_B05		ZM_050_A1_B05_MR
41863	ZM_050_A1_B06	ZM_050_A1_B06_T7C	
41864	ZM_050_A1_B06		ZM_050_A1_B06_MR
41865	ZM_050_A1_B07	ZM_050_A1_B07_T7C	
41866	ZM_050_A1_B08	ZM_050_A1_B08_T7C	
41867	ZM_050_A1_B09	ZM_050_A1_B09_T7C	
41868	ZM_050_A1_B09		ZM_050_A1_B09_MR
41869	ZM_050_A1_B10	ZM_050_A1_B10_T7C	
41870	ZM_050_A1_B10		ZM_050_A1_B10_MR
41871	ZM_050_A1_B12	ZM_050_A1_B12_T7C	
41872	ZM_050_A1_B12		ZM_050_A1_B12_MR
41873	ZM_050_A1_C01	ZM_050_A1_C01_T7C	
41874	ZM_050_A1_C02	ZM_050_A1_C02_T7C	
41875	ZM_050_A1_C02		ZM_050_A1_C02_MR
41876	ZM_050_A1_C03	ZM_050_A1_C03_T7C	
41877	ZM_050_A1_C04	ZM_050_A1_C04_T7C	
41878	ZM_050_A1_C05	ZM_050_A1_C05_T7C	
41879	ZM_050_A1_C06	ZM_050_A1_C06_T7C	
41880	ZM_050_A1_C07	ZM_050_A1_C07_T7C	
41881	ZM_050_A1_C07		ZM_050_A1_C07_MR
41882	ZM_050_A1_C08	ZM_050_A1_C08_T7C	
41883	ZM_050_A1_C10	ZM_050_A1_C10_T7C	
41884	ZM_050_A1_C10		ZM_050_A1_C10_MR
41885	ZM_050_A1_C11	ZM_050_A1_C11_T7C	
41886	ZM_050_A1_C12	ZM_050_A1_C12_T7C	
41887	ZM_050_A1_D01	ZM_050_A1_D01_T7C	
41888	ZM_050_A1_D02	ZM_050_A1_D02_T7C	
41889	ZM_050_A1_D03	ZM_050_A1_D03_T7C	
41890	ZM_050_A1_D04	ZM_050_A1_D04_T7C	
41891	ZM_050_A1_D04		ZM_050_A1_D04_MR
41892	ZM_050_A1_D05		ZM_050_A1_D05_MR
41893	ZM_050_A1_D06	ZM_050_A1_D06_T7C	
41894	ZM_050_A1_D06		ZM_050_A1_D06_MR
41895	ZM_050_A1_D07	ZM_050_A1_D07_T7C	
41896	ZM_050_A1_D07		ZM_050_A1_D07_MR
41897	ZM_050_A1_D08	ZM_050_A1_D08_T7C	
41898	ZM_050_A1_D08		ZM_050_A1_D08_MR
41899	ZM_050_A1_D09		ZM_050_A1_D09_MR
41900	ZM_050_A1_D10	ZM_050_A1_D10_T7C	
41901	ZM_050_A1_D10		ZM_050_A1_D10_MR
41902	ZM_050_A1_D11	ZM_050_A1_D11_T7C	
41903	ZM_050_A1_D12	ZM_050_A1_D12_T7C	
41904	ZM_050_A1_D12		ZM_050_A1_D12_MR
41905	ZM_050_A1_E01	ZM_050_A1_E01_T7C	
41906	ZM_050_A1_E02	ZM_050_A1_E02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41907	ZM_050_A1_E02		ZM_050_A1_E02_MR
41908	ZM_050_A1_E03	ZM_050_A1_E03_T7C	
41909	ZM_050_A1_E03		ZM_050_A1_E03_MR
41910	ZM_050_A1_E04	ZM_050_A1_E04_T7C	
41911	ZM_050_A1_E04		ZM_050_A1_E04_MR
41912	ZM_050_A1_E05		ZM_050_A1_E05_MR
41913	ZM_050_A1_E07	ZM_050_A1_E07_T7C	
41914	ZM_050_A1_E07		ZM_050_A1_E07_MR
41915	ZM_050_A1_E08	ZM_050_A1_E08_T7C	
41916	ZM_050_A1_E08		ZM_050_A1_E08_MR
41917	ZM_050_A1_E10	ZM_050_A1_E10_T7C	
41918	ZM_050_A1_E10		ZM_050_A1_E10_MR
41919	ZM_050_A1_E11	ZM_050_A1_E11_T7C	
41920	ZM_050_A1_E11		ZM_050_A1_E11_MR
41921	ZM_050_A1_E12	ZM_050_A1_E12_T7C	
41922	ZM_050_A1_F02	ZM_050_A1_F02_T7C	
41923	ZM_050_A1_F03	ZM_050_A1_F03_T7C	
41924	ZM_050_A1_F03		ZM_050_A1_F03_MR
41925	ZM_050_A1_F05	ZM_050_A1_F05_T7C	
41926	ZM_050_A1_F05		ZM_050_A1_F05_MR
41927	ZM_050_A1_F06	ZM_050_A1_F06_T7C	
41928	ZM_050_A1_F08	ZM_050_A1_F08_T7C	
41929	ZM_050_A1_F09	ZM_050_A1_F09_T7C	
41930	ZM_050_A1_F09		ZM_050_A1_F09_MR
41931	ZM_050_A1_F11	ZM_050_A1_F11_T7C	
41932	ZM_050_A1_F12	ZM_050_A1_F12_T7C	
41933	ZM_050_A1_G01	ZM_050_A1_G01_T7C	
41934	ZM_050_A1_G02	ZM_050_A1_G02_T7C	
41935	ZM_050_A1_G02		ZM_050_A1_G02_MR
41936	ZM_050_A1_G03		ZM_050_A1_G03_MR
41937	ZM_050_A1_G04	ZM_050_A1_G04_T7C	
41938	ZM_050_A1_G04		ZM_050_A1_G04_MR
41939	ZM_050_A1_G07	ZM_050_A1_G07_T7C	
41940	ZM_050_A1_G07		ZM_050_A1_G07_MR
41941	ZM_050_A1_G08	ZM_050_A1_G08_T7C	
41942	ZM_050_A1_G09	ZM_050_A1_G09_T7C	
41943	ZM_050_A1_G10	ZM_050_A1_G10_T7C	
41944	ZM_050_A1_G10		ZM_050_A1_G10_MR
41945	ZM_050_A1_G11	ZM_050_A1_G11_T7C	
41946	ZM_050_A1_G11		ZM_050_A1_G11_MR
41947	ZM_050_A1_G12	ZM_050_A1_G12_T7C	
41948	ZM_050_A1_H01	ZM_050_A1_H01_T7C	
41949	ZM_050_A1_H02	ZM_050_A1_H02_T7C	
41950	ZM_050_A1_H03	ZM_050_A1_H03_T7C	
41951	ZM_050_A1_H04	ZM_050_A1_H04_T7C	
41952	ZM_050_A1_H04		ZM_050_A1_H04_MR
41953	ZM_050_A1_H05	ZM_050_A1_H05_T7C	
41954	ZM_050_A1_H05		ZM_050_A1_H05_MR
41955	ZM_050_A1_H06	ZM_050_A1_H06_T7C	
41956	ZM_050_A1_H06		ZM_050_A1_H06_MR
41957	ZM_050_A1_H07	ZM_050_A1_H07_T7C	
41958	ZM_050_A1_H07		ZM_050_A1_H07_MR
41959	ZM_050_A1_H09	ZM_050_A1_H09_T7C	
41960	ZM_050_A1_H09		ZM_050_A1_H09_MR
41961	ZM_050_A1_H10	ZM_050_A1_H10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
41962	ZM_050_A1_H10		ZM_050_A1_H10_MR
41963	ZM_050_A1_H11	ZM_050_A1_H11_T7C	
41964	ZM_050_A1_H11		ZM_050_A1_H11_MR
41965	ZM_050_A1_H12	ZM_050_A1_H12_T7C	
41966	ZM_050_A1_H12		ZM_050_A1_H12_MR
41967	ZM_050_A2_A02	ZM_050_A2_A02_T7C	
41968	ZM_050_A2_A02		ZM_050_A2_A02_MR
41969	ZM_050_A2_A03	ZM_050_A2_A03_T7C	
41970	ZM_050_A2_A04	ZM_050_A2_A04_T7C	
41971	ZM_050_A2_A04		ZM_050_A2_A04_MR
41972	ZM_050_A2_A05	ZM_050_A2_A05_T7C	
41973	ZM_050_A2_A06	ZM_050_A2_A06_T7C	
41974	ZM_050_A2_A07		ZM_050_A2_A07_MR
41975	ZM_050_A2_A08	ZM_050_A2_A08_T7C	
41976	ZM_050_A2_A09	ZM_050_A2_A09_T7C	
41977	ZM_050_A2_A11	ZM_050_A2_A11_T7C	
41978	ZM_050_A2_A11		ZM_050_A2_A11_MR
41979	ZM_050_A2_A12	ZM_050_A2_A12_T7C	
41980	ZM_050_A2_A12		ZM_050_A2_A12_MR
41981	ZM_050_A2_B01	ZM_050_A2_B01_T7C	
41982	ZM_050_A2_B01		ZM_050_A2_B01_MR
41983	ZM_050_A2_B02		ZM_050_A2_B02_MR
41984	ZM_050_A2_B03	ZM_050_A2_B03_T7C	
41985	ZM_050_A2_B04	ZM_050_A2_B04_T7C	
41986	ZM_050_A2_B04		ZM_050_A2_B04_MR
41987	ZM_050_A2_B05	ZM_050_A2_B05_T7C	
41988	ZM_050_A2_B05		ZM_050_A2_B05_MR
41989	ZM_050_A2_B06	ZM_050_A2_B06_T7C	
41990	ZM_050_A2_B06		ZM_050_A2_B06_MR
41991	ZM_050_A2_B07	ZM_050_A2_B07_T7C	
41992	ZM_050_A2_B08	ZM_050_A2_B08_T7C	
41993	ZM_050_A2_B08		ZM_050_A2_B08_MR
41994	ZM_050_A2_B09	ZM_050_A2_B09_T7C	
41995	ZM_050_A2_B09		ZM_050_A2_B09_MR
41996	ZM_050_A2_B10	ZM_050_A2_B10_T7C	
41997	ZM_050_A2_B10		ZM_050_A2_B10_MR
41998	ZM_050_A2_C01	ZM_050_A2_C01_T7C	
41999	ZM_050_A2_C02	ZM_050_A2_C02_T7C	
42000	ZM_050_A2_C03	ZM_050_A2_C03_T7C	
42001	ZM_050_A2_C03		ZM_050_A2_C03_MR
42002	ZM_050_A2_C04	ZM_050_A2_C04_T7C	
42003	ZM_050_A2_C05	ZM_050_A2_C05_T7C	
42004	ZM_050_A2_C05		ZM_050_A2_C05_MR
42005	ZM_050_A2_C06	ZM_050_A2_C06_T7C	
42006	ZM_050_A2_C06		ZM_050_A2_C06_MR
42007	ZM_050_A2_C08	ZM_050_A2_C08_T7C	
42008	ZM_050_A2_C08		ZM_050_A2_C08_MR
42009	ZM_050_A2_C09	ZM_050_A2_C09_T7C	
42010	ZM_050_A2_D02		ZM_050_A2_D02_MR
42011	ZM_050_A2_D04	ZM_050_A2_D04_T7C	
42012	ZM_050_A2_D04		ZM_050_A2_D04_MR
42013	ZM_050_A2_D05	ZM_050_A2_D05_T7C	
42014	ZM_050_A2_D05		ZM_050_A2_D05_MR
42015	ZM_050_A2_D06	ZM_050_A2_D06_T7C	
42016	ZM_050_A2_D06		ZM_050_A2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42017	ZM_050_A2_D07	ZM_050_A2_D07_T7C	
42018	ZM_050_A2_D07		ZM_050_A2_D07_MR
42019	ZM_050_A2_D08		ZM_050_A2_D08_MR
42020	ZM_050_A2_D09	ZM_050_A2_D09_T7C	
42021	ZM_050_A2_D10	ZM_050_A2_D10_T7C	
42022	ZM_050_A2_D10		ZM_050_A2_D10_MR
42023	ZM_050_A2_D11	ZM_050_A2_D11_T7C	
42024	ZM_050_A2_D11		ZM_050_A2_D11_MR
42025	ZM_050_A2_D12	ZM_050_A2_D12_T7C	
42026	ZM_050_A2_D12		ZM_050_A2_D12_MR
42027	ZM_050_A2_E01	ZM_050_A2_E01_T7C	
42028	ZM_050_A2_E01		ZM_050_A2_E01_MR
42029	ZM_050_A2_E02	ZM_050_A2_E02_T7C	
42030	ZM_050_A2_E02		ZM_050_A2_E02_MR
42031	ZM_050_A2_E03	ZM_050_A2_E03_T7C	
42032	ZM_050_A2_E03		ZM_050_A2_E03_MR
42033	ZM_050_A2_E04	ZM_050_A2_E04_T7C	
42034	ZM_050_A2_E05	ZM_050_A2_E05_T7C	
42035	ZM_050_A2_E06	ZM_050_A2_E06_T7C	
42036	ZM_050_A2_E06		ZM_050_A2_E06_MR
42037	ZM_050_A2_E07	ZM_050_A2_E07_T7C	
42038	ZM_050_A2_E07		ZM_050_A2_E07_MR
42039	ZM_050_A2_E08	ZM_050_A2_E08_T7C	
42040	ZM_050_A2_E08		ZM_050_A2_E08_MR
42041	ZM_050_A2_E09	ZM_050_A2_E09_T7C	
42042	ZM_050_A2_E10	ZM_050_A2_E10_T7C	
42043	ZM_050_A2_E10		ZM_050_A2_E10_MR
42044	ZM_050_A2_E11	ZM_050_A2_E11_T7C	
42045	ZM_050_A2_E11		ZM_050_A2_E11_MR
42046	ZM_050_A2_E12	ZM_050_A2_E12_T7C	
42047	ZM_050_A2_E12		ZM_050_A2_E12_MR
42048	ZM_050_A2_F01	ZM_050_A2_F01_T7C	
42049	ZM_050_A2_F02	ZM_050_A2_F02_T7C	
42050	ZM_050_A2_F02		ZM_050_A2_F02_MR
42051	ZM_050_A2_F04	ZM_050_A2_F04_T7C	
42052	ZM_050_A2_F05	ZM_050_A2_F05_T7C	
42053	ZM_050_A2_F06	ZM_050_A2_F06_T7C	
42054	ZM_050_A2_F07	ZM_050_A2_F07_T7C	
42055	ZM_050_A2_F08	ZM_050_A2_F08_T7C	
42056	ZM_050_A2_F08		ZM_050_A2_F08_MR
42057	ZM_050_A2_F09	ZM_050_A2_F09_T7C	
42058	ZM_050_A2_F10	ZM_050_A2_F10_T7C	
42059	ZM_050_A2_F10		ZM_050_A2_F10_MR
42060	ZM_050_A2_F11	ZM_050_A2_F11_T7C	
42061	ZM_050_A2_F12	ZM_050_A2_F12_T7C	
42062	ZM_050_A2_G01	ZM_050_A2_G01_T7C	
42063	ZM_050_A2_G01		ZM_050_A2_G01_MR
42064	ZM_050_A2_G02	ZM_050_A2_G02_T7C	
42065	ZM_050_A2_G02		ZM_050_A2_G02_MR
42066	ZM_050_A2_G04		ZM_050_A2_G04_MR
42067	ZM_050_A2_G05	ZM_050_A2_G05_T7C	
42068	ZM_050_A2_G06	ZM_050_A2_G06_T7C	
42069	ZM_050_A2_G07	ZM_050_A2_G07_T7C	
42070	ZM_050_A2_G07		ZM_050_A2_G07_MR
42071	ZM_050_A2_G08	ZM_050_A2_G08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42072	ZM_050_A2_G08		ZM_050_A2_G08_MR
42073	ZM_050_A2_G09	ZM_050_A2_G09_T7C	
42074	ZM_050_A2_G09		ZM_050_A2_G09_MR
42075	ZM_050_A2_G10	ZM_050_A2_G10_T7C	
42076	ZM_050_A2_G10		ZM_050_A2_G10_MR
42077	ZM_050_A2_G11	ZM_050_A2_G11_T7C	
42078	ZM_050_A2_H01	ZM_050_A2_H01_T7C	
42079	ZM_050_A2_H03	ZM_050_A2_H03_T7C	
42080	ZM_050_A2_H03		ZM_050_A2_H03_MR
42081	ZM_050_A2_H04		ZM_050_A2_H04_MR
42082	ZM_050_A2_H05	ZM_050_A2_H05_T7C	
42083	ZM_050_A2_H05		ZM_050_A2_H05_MR
42084	ZM_050_A2_H06	ZM_050_A2_H06_T7C	
42085	ZM_050_A2_H06		ZM_050_A2_H06_MR
42086	ZM_050_A2_H08	ZM_050_A2_H08_T7C	
42087	ZM_050_A2_H08		ZM_050_A2_H08_MR
42088	ZM_050_A2_H09	ZM_050_A2_H09_T7C	
42089	ZM_050_A2_H10	ZM_050_A2_H10_T7C	
42090	ZM_050_A2_H11	ZM_050_A2_H11_T7C	
42091	ZM_050_A2_H12	ZM_050_A2_H12_T7C	
42092	ZM_051_B1_A01	ZM_051_B1_A01_T7C	
42093	ZM_051_B1_A01		ZM_051_B1_A01_MR
42094	ZM_051_B1_A02	ZM_051_B1_A02_T7C	
42095	ZM_051_B1_A02		ZM_051_B1_A02_MR
42096	ZM_051_B1_A03	ZM_051_B1_A03_T7C	
42097	ZM_051_B1_A03		ZM_051_B1_A03_MR
42098	ZM_051_B1_A04	ZM_051_B1_A04_T7C	
42099	ZM_051_B1_A04		ZM_051_B1_A04_MR
42100	ZM_051_B1_A05	ZM_051_B1_A05_T7C	
42101	ZM_051_B1_A05		ZM_051_B1_A05_MR
42102	ZM_051_B1_A06	ZM_051_B1_A06_T7C	
42103	ZM_051_B1_A06		ZM_051_B1_A06_MR
42104	ZM_051_B1_A07	ZM_051_B1_A07_T7C	
42105	ZM_051_B1_A07		ZM_051_B1_A07_MR
42106	ZM_051_B1_A08	ZM_051_B1_A08_T7C	
42107	ZM_051_B1_A08		ZM_051_B1_A08_MR
42108	ZM_051_B1_A09	ZM_051_B1_A09_T7C	
42109	ZM_051_B1_A09		ZM_051_B1_A09_MR
42110	ZM_051_B1_A10	ZM_051_B1_A10_T7C	
42111	ZM_051_B1_A10		ZM_051_B1_A10_MR
42112	ZM_051_B1_A11	ZM_051_B1_A11_T7C	
42113	ZM_051_B1_A11		ZM_051_B1_A11_MR
42114	ZM_051_B1_A12	ZM_051_B1_A12_T7C	
42115	ZM_051_B1_A12		ZM_051_B1_A12_MR
42116	ZM_051_B1_B01	ZM_051_B1_B01_T7C	
42117	ZM_051_B1_B01		ZM_051_B1_B01_MR
42118	ZM_051_B1_B03	ZM_051_B1_B03_T7C	
42119	ZM_051_B1_B03		ZM_051_B1_B03_MR
42120	ZM_051_B1_B04	ZM_051_B1_B04_T7C	
42121	ZM_051_B1_B04		ZM_051_B1_B04_MR
42122	ZM_051_B1_B05	ZM_051_B1_B05_T7C	
42123	ZM_051_B1_B05		ZM_051_B1_B05_MR
42124	ZM_051_B1_B06	ZM_051_B1_B06_T7C	
42125	ZM_051_B1_B06		ZM_051_B1_B06_MR
42126	ZM_051_B1_B07	ZM_051_B1_B07_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42127	ZM_051_B1_B07		ZM_051_B1_B07_MR
42128	ZM_051_B1_B08	ZM_051_B1_B08_T7C	
42129	ZM_051_B1_B08		ZM_051_B1_B08_MR
42130	ZM_051_B1_B09	ZM_051_B1_B09_T7C	
42131	ZM_051_B1_B09		ZM_051_B1_B09_MR
42132	ZM_051_B1_B10	ZM_051_B1_B10_T7C	
42133	ZM_051_B1_B10		ZM_051_B1_B10_MR
42134	ZM_051_B1_B11	ZM_051_B1_B11_T7C	
42135	ZM_051_B1_B11		ZM_051_B1_B11_MR
42136	ZM_051_B1_B12	ZM_051_B1_B12_T7C	
42137	ZM_051_B1_B12		ZM_051_B1_B12_MR
42138	ZM_051_B1_C01	ZM_051_B1_C01_T7C	
42139	ZM_051_B1_C01		ZM_051_B1_C01_MR
42140	ZM_051_B1_C02	ZM_051_B1_C02_T7C	
42141	ZM_051_B1_C02		ZM_051_B1_C02_MR
42142	ZM_051_B1_C03	ZM_051_B1_C03_T7C	
42143	ZM_051_B1_C03		ZM_051_B1_C03_MR
42144	ZM_051_B1_C04	ZM_051_B1_C04_T7C	
42145	ZM_051_B1_C04		ZM_051_B1_C04_MR
42146	ZM_051_B1_C05	ZM_051_B1_C05_T7C	
42147	ZM_051_B1_C05		ZM_051_B1_C05_MR
42148	ZM_051_B1_C06	ZM_051_B1_C06_T7C	
42149	ZM_051_B1_C06		ZM_051_B1_C06_MR
42150	ZM_051_B1_C07	ZM_051_B1_C07_T7C	
42151	ZM_051_B1_C07		ZM_051_B1_C07_MR
42152	ZM_051_B1_C08	ZM_051_B1_C08_T7C	
42153	ZM_051_B1_C08		ZM_051_B1_C08_MR
42154	ZM_051_B1_C09		ZM_051_B1_C09_MR
42155	ZM_051_B1_D01	ZM_051_B1_D01_T7C	
42156	ZM_051_B1_D01		ZM_051_B1_D01_MR
42157	ZM_051_B1_D02	ZM_051_B1_D02_T7C	
42158	ZM_051_B1_D02		ZM_051_B1_D02_MR
42159	ZM_051_B1_D03	ZM_051_B1_D03_T7C	
42160	ZM_051_B1_D03		ZM_051_B1_D03_MR
42161	ZM_051_B1_D04	ZM_051_B1_D04_T7C	
42162	ZM_051_B1_D04		ZM_051_B1_D04_MR
42163	ZM_051_B1_D05	ZM_051_B1_D05_T7C	
42164	ZM_051_B1_D05		ZM_051_B1_D05_MR
42165	ZM_051_B1_D06	ZM_051_B1_D06_T7C	
42166	ZM_051_B1_D06		ZM_051_B1_D06_MR
42167	ZM_051_B1_D07	ZM_051_B1_D07_T7C	
42168	ZM_051_B1_D07		ZM_051_B1_D07_MR
42169	ZM_051_B1_D08	ZM_051_B1_D08_T7C	
42170	ZM_051_B1_D08		ZM_051_B1_D08_MR
42171	ZM_051_B1_D09	ZM_051_B1_D09_T7C	
42172	ZM_051_B1_D09		ZM_051_B1_D09_MR
42173	ZM_051_B1_D10	ZM_051_B1_D10_T7C	
42174	ZM_051_B1_D10		ZM_051_B1_D10_MR
42175	ZM_051_B1_D11	ZM_051_B1_D11_T7C	
42176	ZM_051_B1_D11		ZM_051_B1_D11_MR
42177	ZM_051_B1_D12	ZM_051_B1_D12_T7C	
42178	ZM_051_B1_D12		ZM_051_B1_D12_MR
42179	ZM_051_B1_E01	ZM_051_B1_E01_T7C	
42180	ZM_051_B1_E01		ZM_051_B1_E01_MR
42181	ZM_051_B1_E02	ZM_051_B1_E02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42182	ZM_051_B1_E02		ZM_051_B1_E02_MR
42183	ZM_051_B1_E03	ZM_051_B1_E03_T7C	
42184	ZM_051_B1_E03		ZM_051_B1_E03_MR
42185	ZM_051_B1_E04	ZM_051_B1_E04_T7C	
42186	ZM_051_B1_E04		ZM_051_B1_E04_MR
42187	ZM_051_B1_E05	ZM_051_B1_E05_T7C	
42188	ZM_051_B1_E05		ZM_051_B1_E05_MR
42189	ZM_051_B1_E06	ZM_051_B1_E06_T7C	
42190	ZM_051_B1_E06		ZM_051_B1_E06_MR
42191	ZM_051_B1_E07	ZM_051_B1_E07_T7C	
42192	ZM_051_B1_E07		ZM_051_B1_E07_MR
42193	ZM_051_B1_E08	ZM_051_B1_E08_T7C	
42194	ZM_051_B1_E08		ZM_051_B1_E08_MR
42195	ZM_051_B1_E10	ZM_051_B1_E10_T7C	
42196	ZM_051_B1_E10		ZM_051_B1_E10_MR
42197	ZM_051_B1_E11	ZM_051_B1_E11_T7C	
42198	ZM_051_B1_E11		ZM_051_B1_E11_MR
42199	ZM_051_B1_E12	ZM_051_B1_E12_T7C	
42200	ZM_051_B1_E12		ZM_051_B1_E12_MR
42201	ZM_051_B1_F01	ZM_051_B1_F01_T7C	
42202	ZM_051_B1_F01		ZM_051_B1_F01_MR
42203	ZM_051_B1_F02	ZM_051_B1_F02_T7C	
42204	ZM_051_B1_F02		ZM_051_B1_F02_MR
42205	ZM_051_B1_F03	ZM_051_B1_F03_T7C	
42206	ZM_051_B1_F03		ZM_051_B1_F03_MR
42207	ZM_051_B1_F04	ZM_051_B1_F04_T7C	
42208	ZM_051_B1_F04		ZM_051_B1_F04_MR
42209	ZM_051_B1_F05	ZM_051_B1_F05_T7C	
42210	ZM_051_B1_F05		ZM_051_B1_F05_MR
42211	ZM_051_B1_F06	ZM_051_B1_F06_T7C	
42212	ZM_051_B1_F06		ZM_051_B1_F06_MR
42213	ZM_051_B1_F07	ZM_051_B1_F07_T7C	
42214	ZM_051_B1_F07		ZM_051_B1_F07_MR
42215	ZM_051_B1_F08	ZM_051_B1_F08_T7C	
42216	ZM_051_B1_F08		ZM_051_B1_F08_MR
42217	ZM_051_B1_F09	ZM_051_B1_F09_T7C	
42218	ZM_051_B1_F09		ZM_051_B1_F09_MR
42219	ZM_051_B1_F10	ZM_051_B1_F10_T7C	
42220	ZM_051_B1_F10		ZM_051_B1_F10_MR
42221	ZM_051_B1_F11	ZM_051_B1_F11_T7C	
42222	ZM_051_B1_F11		ZM_051_B1_F11_MR
42223	ZM_051_B1_F12	ZM_051_B1_F12_T7C	
42224	ZM_051_B1_F12		ZM_051_B1_F12_MR
42225	ZM_051_B1_G01	ZM_051_B1_G01_T7C	
42226	ZM_051_B1_G01		ZM_051_B1_G01_MR
42227	ZM_051_B1_G02	ZM_051_B1_G02_T7C	
42228	ZM_051_B1_G02		ZM_051_B1_G02_MR
42229	ZM_051_B1_G03	ZM_051_B1_G03_T7C	
42230	ZM_051_B1_G03		ZM_051_B1_G03_MR
42231	ZM_051_B1_G04	ZM_051_B1_G04_T7C	
42232	ZM_051_B1_G04		ZM_051_B1_G04_MR
42233	ZM_051_B1_G05	ZM_051_B1_G05_T7C	
42234	ZM_051_B1_G05		ZM_051_B1_G05_MR
42235	ZM_051_B1_G06	ZM_051_B1_G06_T7C	
42236	ZM_051_B1_G06		ZM_051_B1_G06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42237	ZM_051_B1_G07	ZM_051_B1_G07_T7C	
42238	ZM_051_B1_G08	ZM_051_B1_G08_T7C	
42239	ZM_051_B1_G08		ZM_051_B1_G08_MR
42240	ZM_051_B1_G09	ZM_051_B1_G09_T7C	
42241	ZM_051_B1_G09		ZM_051_B1_G09_MR
42242	ZM_051_B1_G10	ZM_051_B1_G10_T7C	
42243	ZM_051_B1_G10		ZM_051_B1_G10_MR
42244	ZM_051_B1_G11	ZM_051_B1_G11_T7C	
42245	ZM_051_B1_G11		ZM_051_B1_G11_MR
42246	ZM_051_B1_G12	ZM_051_B1_G12_T7C	
42247	ZM_051_B1_G12		ZM_051_B1_G12_MR
42248	ZM_051_B1_H01	ZM_051_B1_H01_T7C	
42249	ZM_051_B1_H01		ZM_051_B1_H01_MR
42250	ZM_051_B1_H02	ZM_051_B1_H02_T7C	
42251	ZM_051_B1_H02		ZM_051_B1_H02_MR
42252	ZM_051_B1_H03	ZM_051_B1_H03_T7C	
42253	ZM_051_B1_H03		ZM_051_B1_H03_MR
42254	ZM_051_B1_H04	ZM_051_B1_H04_T7C	
42255	ZM_051_B1_H04		ZM_051_B1_H04_MR
42256	ZM_051_B1_H05	ZM_051_B1_H05_T7C	
42257	ZM_051_B1_H05		ZM_051_B1_H05_MR
42258	ZM_051_B1_H06	ZM_051_B1_H06_T7C	
42259	ZM_051_B1_H06		ZM_051_B1_H06_MR
42260	ZM_051_B1_H07	ZM_051_B1_H07_T7C	
42261	ZM_051_B1_H07		ZM_051_B1_H07_MR
42262	ZM_051_B1_H08	ZM_051_B1_H08_T7C	
42263	ZM_051_B1_H08		ZM_051_B1_H08_MR
42264	ZM_051_B1_H09	ZM_051_B1_H09_T7C	
42265	ZM_051_B1_H09		ZM_051_B1_H09_MR
42266	ZM_051_B1_H10	ZM_051_B1_H10_T7C	
42267	ZM_051_B1_H10		ZM_051_B1_H10_MR
42268	ZM_051_B1_H11	ZM_051_B1_H11_T7C	
42269	ZM_051_B1_H11		ZM_051_B1_H11_MR
42270	ZM_051_B1_H12	ZM_051_B1_H12_T7C	
42271	ZM_051_B1_H12		ZM_051_B1_H12_MR
42272	ZM_051_B2_A01	ZM_051_B2_A01_T7C	
42273	ZM_051_B2_A02	ZM_051_B2_A02_T7C	
42274	ZM_051_B2_A02		ZM_051_B2_A02_MR
42275	ZM_051_B2_A03	ZM_051_B2_A03_T7C	
42276	ZM_051_B2_A04	ZM_051_B2_A04_T7C	
42277	ZM_051_B2_A04		ZM_051_B2_A04_MR
42278	ZM_051_B2_A05	ZM_051_B2_A05_T7C	
42279	ZM_051_B2_A05		ZM_051_B2_A05_MR
42280	ZM_051_B2_A06	ZM_051_B2_A06_T7C	
42281	ZM_051_B2_A06		ZM_051_B2_A06_MR
42282	ZM_051_B2_A07	ZM_051_B2_A07_T7C	
42283	ZM_051_B2_A07		ZM_051_B2_A07_MR
42284	ZM_051_B2_A08	ZM_051_B2_A08_T7C	
42285	ZM_051_B2_A08		ZM_051_B2_A08_MR
42286	ZM_051_B2_A09	ZM_051_B2_A09_T7C	
42287	ZM_051_B2_A09		ZM_051_B2_A09_MR
42288	ZM_051_B2_A10	ZM_051_B2_A10_T7C	
42289	ZM_051_B2_A11	ZM_051_B2_A11_T7C	
42290	ZM_051_B2_A11		ZM_051_B2_A11_MR
42291	ZM_051_B2_A12	ZM_051_B2_A12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42292	ZM_051_B2_A12		ZM_051_B2_A12_MR
42293	ZM_051_B2_B02	ZM_051_B2_B02_T7C	
42294	ZM_051_B2_B02		ZM_051_B2_B02_MR
42295	ZM_051_B2_B03	ZM_051_B2_B03_T7C	
42296	ZM_051_B2_B04	ZM_051_B2_B04_T7C	
42297	ZM_051_B2_B04		ZM_051_B2_B04_MR
42298	ZM_051_B2_B05	ZM_051_B2_B05_T7C	
42299	ZM_051_B2_B05		ZM_051_B2_B05_MR
42300	ZM_051_B2_B06	ZM_051_B2_B06_T7C	
42301	ZM_051_B2_B06		ZM_051_B2_B06_MR
42302	ZM_051_B2_B07	ZM_051_B2_B07_T7C	
42303	ZM_051_B2_B07		ZM_051_B2_B07_MR
42304	ZM_051_B2_B09		ZM_051_B2_B09_MR
42305	ZM_051_B2_B10	ZM_051_B2_B10_T7C	
42306	ZM_051_B2_B10		ZM_051_B2_B10_MR
42307	ZM_051_B2_B11	ZM_051_B2_B11_T7C	
42308	ZM_051_B2_B12	ZM_051_B2_B12_T7C	
42309	ZM_051_B2_B12		ZM_051_B2_B12_MR
42310	ZM_051_B2_C01	ZM_051_B2_C01_T7C	
42311	ZM_051_B2_C01		ZM_051_B2_C01_MR
42312	ZM_051_B2_C02	ZM_051_B2_C02_T7C	
42313	ZM_051_B2_C02		ZM_051_B2_C02_MR
42314	ZM_051_B2_C03	ZM_051_B2_C03_T7C	
42315	ZM_051_B2_C03		ZM_051_B2_C03_MR
42316	ZM_051_B2_C04	ZM_051_B2_C04_T7C	
42317	ZM_051_B2_C04		ZM_051_B2_C04_MR
42318	ZM_051_B2_C05	ZM_051_B2_C05_T7C	
42319	ZM_051_B2_C05		ZM_051_B2_C05_MR
42320	ZM_051_B2_C06	ZM_051_B2_C06_T7C	
42321	ZM_051_B2_C07	ZM_051_B2_C07_T7C	
42322	ZM_051_B2_C07		ZM_051_B2_C07_MR
42323	ZM_051_B2_C08	ZM_051_B2_C08_T7C	
42324	ZM_051_B2_C08		ZM_051_B2_C08_MR
42325	ZM_051_B2_C09	ZM_051_B2_C09_T7C	
42326	ZM_051_B2_C09		ZM_051_B2_C09_MR
42327	ZM_051_B2_C10	ZM_051_B2_C10_T7C	
42328	ZM_051_B2_C10		ZM_051_B2_C10_MR
42329	ZM_051_B2_C11	ZM_051_B2_C11_T7C	
42330	ZM_051_B2_C11		ZM_051_B2_C11_MR
42331	ZM_051_B2_C12	ZM_051_B2_C12_T7C	
42332	ZM_051_B2_C12		ZM_051_B2_C12_MR
42333	ZM_051_B2_D01	ZM_051_B2_D01_T7C	
42334	ZM_051_B2_D01		ZM_051_B2_D01_MR
42335	ZM_051_B2_D04	ZM_051_B2_D04_T7C	
42336	ZM_051_B2_D04		ZM_051_B2_D04_MR
42337	ZM_051_B2_D05	ZM_051_B2_D05_T7C	
42338	ZM_051_B2_D05		ZM_051_B2_D05_MR
42339	ZM_051_B2_D06	ZM_051_B2_D06_T7C	
42340	ZM_051_B2_D06		ZM_051_B2_D06_MR
42341	ZM_051_B2_D07	ZM_051_B2_D07_T7C	
42342	ZM_051_B2_D07		ZM_051_B2_D07_MR
42343	ZM_051_B2_D08	ZM_051_B2_D08_T7C	
42344	ZM_051_B2_D08		ZM_051_B2_D08_MR
42345	ZM_051_B2_D10	ZM_051_B2_D10_T7C	
42346	ZM_051_B2_D11	ZM_051_B2_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42347	ZM_051_B2_D11		ZM_051_B2_D11_MR
42348	ZM_051_B2_D12	ZM_051_B2_D12_T7C	
42349	ZM_051_B2_D12		ZM_051_B2_D12_MR
42350	ZM_051_B2_E02	ZM_051_B2_E02_T7C	
42351	ZM_051_B2_E02		ZM_051_B2_E02_MR
42352	ZM_051_B2_E03	ZM_051_B2_E03_T7C	
42353	ZM_051_B2_E03		ZM_051_B2_E03_MR
42354	ZM_051_B2_E04	ZM_051_B2_E04_T7C	
42355	ZM_051_B2_E04		ZM_051_B2_E04_MR
42356	ZM_051_B2_E05	ZM_051_B2_E05_T7C	
42357	ZM_051_B2_E05		ZM_051_B2_E05_MR
42358	ZM_051_B2_E06	ZM_051_B2_E06_T7C	
42359	ZM_051_B2_E06		ZM_051_B2_E06_MR
42360	ZM_051_B2_E07	ZM_051_B2_E07_T7C	
42361	ZM_051_B2_E07		ZM_051_B2_E07_MR
42362	ZM_051_B2_E08	ZM_051_B2_E08_T7C	
42363	ZM_051_B2_E08		ZM_051_B2_E08_MR
42364	ZM_051_B2_E09	ZM_051_B2_E09_T7C	
42365	ZM_051_B2_E10	ZM_051_B2_E10_T7C	
42366	ZM_051_B2_E10		ZM_051_B2_E10_MR
42367	ZM_051_B2_E11	ZM_051_B2_E11_T7C	
42368	ZM_051_B2_E11		ZM_051_B2_E11_MR
42369	ZM_051_B2_E12	ZM_051_B2_E12_T7C	
42370	ZM_051_B2_E12		ZM_051_B2_E12_MR
42371	ZM_051_B2_F01	ZM_051_B2_F01_T7C	
42372	ZM_051_B2_F02	ZM_051_B2_F02_T7C	
42373	ZM_051_B2_F02		ZM_051_B2_F02_MR
42374	ZM_051_B2_F03	ZM_051_B2_F03_T7C	
42375	ZM_051_B2_F03		ZM_051_B2_F03_MR
42376	ZM_051_B2_F04	ZM_051_B2_F04_T7C	
42377	ZM_051_B2_F04		ZM_051_B2_F04_MR
42378	ZM_051_B2_F05	ZM_051_B2_F05_T7C	
42379	ZM_051_B2_F05		ZM_051_B2_F05_MR
42380	ZM_051_B2_F06	ZM_051_B2_F06_T7C	
42381	ZM_051_B2_F06		ZM_051_B2_F06_MR
42382	ZM_051_B2_F07	ZM_051_B2_F07_T7C	
42383	ZM_051_B2_F07		ZM_051_B2_F07_MR
42384	ZM_051_B2_F08		ZM_051_B2_F08_MR
42385	ZM_051_B2_F09	ZM_051_B2_F09_T7C	
42386	ZM_051_B2_F09		ZM_051_B2_F09_MR
42387	ZM_051_B2_F10	ZM_051_B2_F10_T7C	
42388	ZM_051_B2_F10		ZM_051_B2_F10_MR
42389	ZM_051_B2_F11	ZM_051_B2_F11_T7C	
42390	ZM_051_B2_F11		ZM_051_B2_F11_MR
42391	ZM_051_B2_G01		ZM_051_B2_G01_MR
42392	ZM_051_B2_G03	ZM_051_B2_G03_T7C	
42393	ZM_051_B2_G03		ZM_051_B2_G03_MR
42394	ZM_051_B2_G04	ZM_051_B2_G04_T7C	
42395	ZM_051_B2_G04		ZM_051_B2_G04_MR
42396	ZM_051_B2_G05	ZM_051_B2_G05_T7C	
42397	ZM_051_B2_G05		ZM_051_B2_G05_MR
42398	ZM_051_B2_G06	ZM_051_B2_G06_T7C	
42399	ZM_051_B2_G06		ZM_051_B2_G06_MR
42400	ZM_051_B2_G07	ZM_051_B2_G07_T7C	
42401	ZM_051_B2_G07		ZM_051_B2_G07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42402	ZM_051_B2_G08	ZM_051_B2_G08_T7C	
42403	ZM_051_B2_G08		ZM_051_B2_G08_MR
42404	ZM_051_B2_G10	ZM_051_B2_G10_T7C	
42405	ZM_051_B2_G10		ZM_051_B2_G10_MR
42406	ZM_051_B2_G11	ZM_051_B2_G11_T7C	
42407	ZM_051_B2_G11		ZM_051_B2_G11_MR
42408	ZM_051_B2_G12	ZM_051_B2_G12_T7C	
42409	ZM_051_B2_G12		ZM_051_B2_G12_MR
42410	ZM_051_B2_H01	ZM_051_B2_H01_T7C	
42411	ZM_051_B2_H01		ZM_051_B2_H01_MR
42412	ZM_051_B2_H02	ZM_051_B2_H02_T7C	
42413	ZM_051_B2_H02		ZM_051_B2_H02_MR
42414	ZM_051_B2_H03	ZM_051_B2_H03_T7C	
42415	ZM_051_B2_H04	ZM_051_B2_H04_T7C	
42416	ZM_051_B2_H05	ZM_051_B2_H05_T7C	
42417	ZM_051_B2_H05		ZM_051_B2_H05_MR
42418	ZM_051_B2_H06	ZM_051_B2_H06_T7C	
42419	ZM_051_B2_H06		ZM_051_B2_H06_MR
42420	ZM_051_B2_H07	ZM_051_B2_H07_T7C	
42421	ZM_051_B2_H07		ZM_051_B2_H07_MR
42422	ZM_051_B2_H08	ZM_051_B2_H08_T7C	
42423	ZM_051_B2_H08		ZM_051_B2_H08_MR
42424	ZM_051_B2_H09	ZM_051_B2_H09_T7C	
42425	ZM_051_B2_H10	ZM_051_B2_H10_T7C	
42426	ZM_051_B2_H10		ZM_051_B2_H10_MR
42427	ZM_051_B2_H11	ZM_051_B2_H11_T7C	
42428	ZM_051_B2_H11		ZM_051_B2_H11_MR
42429	ZM_051_B2_H12	ZM_051_B2_H12_T7C	
42430	ZM_052_A2_A01	ZM_052_A2_A01_T7C	
42431	ZM_052_A2_A04	ZM_052_A2_A04_T7C	
42432	ZM_052_A2_A05	ZM_052_A2_A05_T7C	
42433	ZM_052_A2_A06	ZM_052_A2_A06_T7C	
42434	ZM_052_A2_A08	ZM_052_A2_A08_T7C	
42435	ZM_052_A2_A09		ZM_052_A2_A09_MR
42436	ZM_052_A2_A10	ZM_052_A2_A10_T7C	
42437	ZM_052_A2_A11	ZM_052_A2_A11_T7C	
42438	ZM_052_A2_A11		ZM_052_A2_A11_MR
42439	ZM_052_A2_A12	ZM_052_A2_A12_T7C	
42440	ZM_052_A2_A12		ZM_052_A2_A12_MR
42441	ZM_052_A2_B01	ZM_052_A2_B01_T7C	
42442	ZM_052_A2_B02	ZM_052_A2_B02_T7C	
42443	ZM_052_A2_B03	ZM_052_A2_B03_T7C	
42444	ZM_052_A2_B04	ZM_052_A2_B04_T7C	
42445	ZM_052_A2_B05	ZM_052_A2_B05_T7C	
42446	ZM_052_A2_B06	ZM_052_A2_B06_T7C	
42447	ZM_052_A2_B07	ZM_052_A2_B07_T7C	
42448	ZM_052_A2_B08	ZM_052_A2_B08_T7C	
42449	ZM_052_A2_B10	ZM_052_A2_B10_T7C	
42450	ZM_052_A2_B11	ZM_052_A2_B11_T7C	
42451	ZM_052_A2_B12	ZM_052_A2_B12_T7C	
42452	ZM_052_A2_C01	ZM_052_A2_C01_T7C	
42453	ZM_052_A2_C01		ZM_052_A2_C01_MR
42454	ZM_052_A2_C02	ZM_052_A2_C02_T7C	
42455	ZM_052_A2_C03	ZM_052_A2_C03_T7C	
42456	ZM_052_A2_C04	ZM_052_A2_C04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42457	ZM_052_A2_C05	ZM_052_A2_C05_T7C	
42458	ZM_052_A2_C06	ZM_052_A2_C06_T7C	
42459	ZM_052_A2_C07	ZM_052_A2_C07_T7C	
42460	ZM_052_A2_C08	ZM_052_A2_C08_T7C	
42461	ZM_052_A2_C09	ZM_052_A2_C09_T7C	
42462	ZM_052_A2_C10	ZM_052_A2_C10_T7C	
42463	ZM_052_A2_C11	ZM_052_A2_C11_T7C	
42464	ZM_052_A2_C11		ZM_052_A2_C11_MR
42465	ZM_052_A2_C12	ZM_052_A2_C12_T7C	
42466	ZM_052_A2_D01	ZM_052_A2_D01_T7C	
42467	ZM_052_A2_D02	ZM_052_A2_D02_T7C	
42468	ZM_052_A2_D03	ZM_052_A2_D03_T7C	
42469	ZM_052_A2_D04	ZM_052_A2_D04_T7C	
42470	ZM_052_A2_D04		ZM_052_A2_D04_MR
42471	ZM_052_A2_D05	ZM_052_A2_D05_T7C	
42472	ZM_052_A2_D06	ZM_052_A2_D06_T7C	
42473	ZM_052_A2_D07	ZM_052_A2_D07_T7C	
42474	ZM_052_A2_D08	ZM_052_A2_D08_T7C	
42475	ZM_052_A2_D08		ZM_052_A2_D08_MR
42476	ZM_052_A2_D09	ZM_052_A2_D09_T7C	
42477	ZM_052_A2_D10	ZM_052_A2_D10_T7C	
42478	ZM_052_A2_D11	ZM_052_A2_D11_T7C	
42479	ZM_052_A2_D11		ZM_052_A2_D11_MR
42480	ZM_052_A2_E02	ZM_052_A2_E02_T7C	
42481	ZM_052_A2_E03	ZM_052_A2_E03_T7C	
42482	ZM_052_A2_E04	ZM_052_A2_E04_T7C	
42483	ZM_052_A2_E05	ZM_052_A2_E05_T7C	
42484	ZM_052_A2_E06	ZM_052_A2_E06_T7C	
42485	ZM_052_A2_E06		ZM_052_A2_E06_MR
42486	ZM_052_A2_E08	ZM_052_A2_E08_T7C	
42487	ZM_052_A2_E09	ZM_052_A2_E09_T7C	
42488	ZM_052_A2_E10	ZM_052_A2_E10_T7C	
42489	ZM_052_A2_E11	ZM_052_A2_E11_T7C	
42490	ZM_052_A2_E12	ZM_052_A2_E12_T7C	
42491	ZM_052_A2_E12		ZM_052_A2_E12_MR
42492	ZM_052_A2_F01	ZM_052_A2_F01_T7C	
42493	ZM_052_A2_F02	ZM_052_A2_F02_T7C	
42494	ZM_052_A2_F04	ZM_052_A2_F04_T7C	
42495	ZM_052_A2_F07	ZM_052_A2_F07_T7C	
42496	ZM_052_A2_G01	ZM_052_A2_G01_T7C	
42497	ZM_052_A2_G03	ZM_052_A2_G03_T7C	
42498	ZM_052_A2_G03		ZM_052_A2_G03_MR
42499	ZM_052_A2_G05	ZM_052_A2_G05_T7C	
42500	ZM_052_A2_G06	ZM_052_A2_G06_T7C	
42501	ZM_052_A2_G07	ZM_052_A2_G07_T7C	
42502	ZM_052_A2_G08	ZM_052_A2_G08_T7C	
42503	ZM_052_A2_G09	ZM_052_A2_G09_T7C	
42504	ZM_052_A2_G10	ZM_052_A2_G10_T7C	
42505	ZM_052_A2_G12	ZM_052_A2_G12_T7C	
42506	ZM_052_A2_H01	ZM_052_A2_H01_T7C	
42507	ZM_052_A2_H04	ZM_052_A2_H04_T7C	
42508	ZM_052_A2_H05	ZM_052_A2_H05_T7C	
42509	ZM_052_A2_H05		ZM_052_A2_H05_MR
42510	ZM_052_A2_H06		ZM_052_A2_H06_MR
42511	ZM_052_A2_H07	ZM_052_A2_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42512	ZM_052_A2_H08	ZM_052_A2_H08_T7C	
42513	ZM_052_A2_H09	ZM_052_A2_H09_T7C	
42514	ZM_052_A2_H10	ZM_052_A2_H10_T7C	
42515	ZM_052_A2_H10		ZM_052_A2_H10_MR
42516	ZM_052_A2_H11	ZM_052_A2_H11_T7C	
42517	ZM_052_A2_H12		ZM_052_A2_H12_MR
42518	ZM_052_B1_A01	ZM_052_B1_A01_T7C	
42519	ZM_052_B1_A01		ZM_052_B1_A01_MR
42520	ZM_052_B1_A02		ZM_052_B1_A02_MR
42521	ZM_052_B1_A03		ZM_052_B1_A03_MR
42522	ZM_052_B1_A04	ZM_052_B1_A04_T7C	
42523	ZM_052_B1_A04		ZM_052_B1_A04_MR
42524	ZM_052_B1_A05	ZM_052_B1_A05_T7C	
42525	ZM_052_B1_A05		ZM_052_B1_A05_MR
42526	ZM_052_B1_A06	ZM_052_B1_A06_T7C	
42527	ZM_052_B1_A06		ZM_052_B1_A06_MR
42528	ZM_052_B1_A07	ZM_052_B1_A07_T7C	
42529	ZM_052_B1_A07		ZM_052_B1_A07_MR
42530	ZM_052_B1_A09	ZM_052_B1_A09_T7C	
42531	ZM_052_B1_A09		ZM_052_B1_A09_MR
42532	ZM_052_B1_A10	ZM_052_B1_A10_T7C	
42533	ZM_052_B1_A10		ZM_052_B1_A10_MR
42534	ZM_052_B1_A11	ZM_052_B1_A11_T7C	
42535	ZM_052_B1_A11		ZM_052_B1_A11_MR
42536	ZM_052_B1_A12	ZM_052_B1_A12_T7C	
42537	ZM_052_B1_A12		ZM_052_B1_A12_MR
42538	ZM_052_B1_B01	ZM_052_B1_B01_T7C	
42539	ZM_052_B1_B01		ZM_052_B1_B01_MR
42540	ZM_052_B1_B02	ZM_052_B1_B02_T7C	
42541	ZM_052_B1_B02		ZM_052_B1_B02_MR
42542	ZM_052_B1_B03	ZM_052_B1_B03_T7C	
42543	ZM_052_B1_B03		ZM_052_B1_B03_MR
42544	ZM_052_B1_B04	ZM_052_B1_B04_T7C	
42545	ZM_052_B1_B04		ZM_052_B1_B04_MR
42546	ZM_052_B1_B05	ZM_052_B1_B05_T7C	
42547	ZM_052_B1_B05		ZM_052_B1_B05_MR
42548	ZM_052_B1_B06	ZM_052_B1_B06_T7C	
42549	ZM_052_B1_B06		ZM_052_B1_B06_MR
42550	ZM_052_B1_B07	ZM_052_B1_B07_T7C	
42551	ZM_052_B1_B07		ZM_052_B1_B07_MR
42552	ZM_052_B1_B08	ZM_052_B1_B08_T7C	
42553	ZM_052_B1_B08		ZM_052_B1_B08_MR
42554	ZM_052_B1_B09	ZM_052_B1_B09_T7C	
42555	ZM_052_B1_B09		ZM_052_B1_B09_MR
42556	ZM_052_B1_B10	ZM_052_B1_B10_T7C	
42557	ZM_052_B1_B10		ZM_052_B1_B10_MR
42558	ZM_052_B1_B11	ZM_052_B1_B11_T7C	
42559	ZM_052_B1_B11		ZM_052_B1_B11_MR
42560	ZM_052_B1_B12	ZM_052_B1_B12_T7C	
42561	ZM_052_B1_B12		ZM_052_B1_B12_MR
42562	ZM_052_B1_C01		ZM_052_B1_C01_MR
42563	ZM_052_B1_C02	ZM_052_B1_C02_T7C	
42564	ZM_052_B1_C02		ZM_052_B1_C02_MR
42565	ZM_052_B1_C03		ZM_052_B1_C03_MR
42566	ZM_052_B1_C04	ZM_052_B1_C04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42567	ZM_052_B1_C04		ZM_052_B1_C04_MR
42568	ZM_052_B1_C05	ZM_052_B1_C05_T7C	
42569	ZM_052_B1_C05		ZM_052_B1_C05_MR
42570	ZM_052_B1_C06		ZM_052_B1_C06_MR
42571	ZM_052_B1_C07	ZM_052_B1_C07_T7C	
42572	ZM_052_B1_C07		ZM_052_B1_C07_MR
42573	ZM_052_B1_C08	ZM_052_B1_C08_T7C	
42574	ZM_052_B1_C08		ZM_052_B1_C08_MR
42575	ZM_052_B1_C09	ZM_052_B1_C09_T7C	
42576	ZM_052_B1_C09		ZM_052_B1_C09_MR
42577	ZM_052_B1_C11	ZM_052_B1_C11_T7C	
42578	ZM_052_B1_C11		ZM_052_B1_C11_MR
42579	ZM_052_B1_C12	ZM_052_B1_C12_T7C	
42580	ZM_052_B1_D01	ZM_052_B1_D01_T7C	
42581	ZM_052_B1_D01		ZM_052_B1_D01_MR
42582	ZM_052_B1_D02	ZM_052_B1_D02_T7C	
42583	ZM_052_B1_D02		ZM_052_B1_D02_MR
42584	ZM_052_B1_D03	ZM_052_B1_D03_T7C	
42585	ZM_052_B1_D03		ZM_052_B1_D03_MR
42586	ZM_052_B1_D04	ZM_052_B1_D04_T7C	
42587	ZM_052_B1_D04		ZM_052_B1_D04_MR
42588	ZM_052_B1_D05	ZM_052_B1_D05_T7C	
42589	ZM_052_B1_D05		ZM_052_B1_D05_MR
42590	ZM_052_B1_D06	ZM_052_B1_D06_T7C	
42591	ZM_052_B1_D06		ZM_052_B1_D06_MR
42592	ZM_052_B1_D07	ZM_052_B1_D07_T7C	
42593	ZM_052_B1_D07		ZM_052_B1_D07_MR
42594	ZM_052_B1_D08		ZM_052_B1_D08_MR
42595	ZM_052_B1_D09		ZM_052_B1_D09_MR
42596	ZM_052_B1_D10	ZM_052_B1_D10_T7C	
42597	ZM_052_B1_D10		ZM_052_B1_D10_MR
42598	ZM_052_B1_D11	ZM_052_B1_D11_T7C	
42599	ZM_052_B1_D11		ZM_052_B1_D11_MR
42600	ZM_052_B1_D12	ZM_052_B1_D12_T7C	
42601	ZM_052_B1_D12		ZM_052_B1_D12_MR
42602	ZM_052_B1_E01	ZM_052_B1_E01_T7C	
42603	ZM_052_B1_E02		ZM_052_B1_E02_MR
42604	ZM_052_B1_E03	ZM_052_B1_E03_T7C	
42605	ZM_052_B1_E03		ZM_052_B1_E03_MR
42606	ZM_052_B1_E04	ZM_052_B1_E04_T7C	
42607	ZM_052_B1_E04		ZM_052_B1_E04_MR
42608	ZM_052_B1_E05	ZM_052_B1_E05_T7C	
42609	ZM_052_B1_E05		ZM_052_B1_E05_MR
42610	ZM_052_B1_E06	ZM_052_B1_E06_T7C	
42611	ZM_052_B1_E06		ZM_052_B1_E06_MR
42612	ZM_052_B1_E07	ZM_052_B1_E07_T7C	
42613	ZM_052_B1_E07		ZM_052_B1_E07_MR
42614	ZM_052_B1_E08	ZM_052_B1_E08_T7C	
42615	ZM_052_B1_E08		ZM_052_B1_E08_MR
42616	ZM_052_B1_E10	ZM_052_B1_E10_T7C	
42617	ZM_052_B1_E10		ZM_052_B1_E10_MR
42618	ZM_052_B1_E11	ZM_052_B1_E11_T7C	
42619	ZM_052_B1_E11		ZM_052_B1_E11_MR
42620	ZM_052_B1_E12	ZM_052_B1_E12_T7C	
42621	ZM_052_B1_F01	ZM_052_B1_F01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42622	ZM_052_B1_F01		ZM_052_B1_F01_MR
42623	ZM_052_B1_F02	ZM_052_B1_F02_T7C	
42624	ZM_052_B1_F02		ZM_052_B1_F02_MR
42625	ZM_052_B1_F03	ZM_052_B1_F03_T7C	
42626	ZM_052_B1_F03		ZM_052_B1_F03_MR
42627	ZM_052_B1_F04	ZM_052_B1_F04_T7C	
42628	ZM_052_B1_F04		ZM_052_B1_F04_MR
42629	ZM_052_B1_F05	ZM_052_B1_F05_T7C	
42630	ZM_052_B1_F06	ZM_052_B1_F06_T7C	
42631	ZM_052_B1_F06		ZM_052_B1_F06_MR
42632	ZM_052_B1_F07	ZM_052_B1_F07_T7C	
42633	ZM_052_B1_F07		ZM_052_B1_F07_MR
42634	ZM_052_B1_F08	ZM_052_B1_F08_T7C	
42635	ZM_052_B1_F08		ZM_052_B1_F08_MR
42636	ZM_052_B1_F09	ZM_052_B1_F09_T7C	
42637	ZM_052_B1_F09		ZM_052_B1_F09_MR
42638	ZM_052_B1_F10	ZM_052_B1_F10_T7C	
42639	ZM_052_B1_F10		ZM_052_B1_F10_MR
42640	ZM_052_B1_F11	ZM_052_B1_F11_T7C	
42641	ZM_052_B1_F11		ZM_052_B1_F11_MR
42642	ZM_052_B1_F12	ZM_052_B1_F12_T7C	
42643	ZM_052_B1_F12		ZM_052_B1_F12_MR
42644	ZM_052_B1_G01	ZM_052_B1_G01_T7C	
42645	ZM_052_B1_G01		ZM_052_B1_G01_MR
42646	ZM_052_B1_G02	ZM_052_B1_G02_T7C	
42647	ZM_052_B1_G02		ZM_052_B1_G02_MR
42648	ZM_052_B1_G03	ZM_052_B1_G03_T7C	
42649	ZM_052_B1_G03		ZM_052_B1_G03_MR
42650	ZM_052_B1_G04	ZM_052_B1_G04_T7C	
42651	ZM_052_B1_G04		ZM_052_B1_G04_MR
42652	ZM_052_B1_G05	ZM_052_B1_G05_T7C	
42653	ZM_052_B1_G05		ZM_052_B1_G05_MR
42654	ZM_052_B1_G07	ZM_052_B1_G07_T7C	
42655	ZM_052_B1_G07		ZM_052_B1_G07_MR
42656	ZM_052_B1_G08	ZM_052_B1_G08_T7C	
42657	ZM_052_B1_G08		ZM_052_B1_G08_MR
42658	ZM_052_B1_G09	ZM_052_B1_G09_T7C	
42659	ZM_052_B1_G09		ZM_052_B1_G09_MR
42660	ZM_052_B1_G10	ZM_052_B1_G10_T7C	
42661	ZM_052_B1_G10		ZM_052_B1_G10_MR
42662	ZM_052_B1_G11	ZM_052_B1_G11_T7C	
42663	ZM_052_B1_G11		ZM_052_B1_G11_MR
42664	ZM_052_B1_G12	ZM_052_B1_G12_T7C	
42665	ZM_052_B1_G12		ZM_052_B1_G12_MR
42666	ZM_052_B1_H01	ZM_052_B1_H01_T7C	
42667	ZM_052_B1_H01		ZM_052_B1_H01_MR
42668	ZM_052_B1_H03	ZM_052_B1_H03_T7C	
42669	ZM_052_B1_H03		ZM_052_B1_H03_MR
42670	ZM_052_B1_H04	ZM_052_B1_H04_T7C	
42671	ZM_052_B1_H04		ZM_052_B1_H04_MR
42672	ZM_052_B1_H05	ZM_052_B1_H05_T7C	
42673	ZM_052_B1_H05		ZM_052_B1_H05_MR
42674	ZM_052_B1_H06	ZM_052_B1_H06_T7C	
42675	ZM_052_B1_H06		ZM_052_B1_H06_MR
42676	ZM_052_B1_H07	ZM_052_B1_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42677	ZM_052_B1_H07		ZM_052_B1_H07_MR
42678	ZM_052_B1_H08	ZM_052_B1_H08_T7C	
42679	ZM_052_B1_H08		ZM_052_B1_H08_MR
42680	ZM_052_B1_H09	ZM_052_B1_H09_T7C	
42681	ZM_052_B1_H09		ZM_052_B1_H09_MR
42682	ZM_052_B1_H11	ZM_052_B1_H11_T7C	
42683	ZM_052_B1_H11		ZM_052_B1_H11_MR
42684	ZM_052_B1_H12	ZM_052_B1_H12_T7C	
42685	ZM_052_B1_H12		ZM_052_B1_H12_MR
42686	ZM_052_B2_A02	ZM_052_B2_A02_T7C	
42687	ZM_052_B2_A02		ZM_052_B2_A02_MR
42688	ZM_052_B2_A03	ZM_052_B2_A03_T7C	
42689	ZM_052_B2_A03		ZM_052_B2_A03_MR
42690	ZM_052_B2_A04	ZM_052_B2_A04_T7C	
42691	ZM_052_B2_A04		ZM_052_B2_A04_MR
42692	ZM_052_B2_A05	ZM_052_B2_A05_T7C	
42693	ZM_052_B2_A05		ZM_052_B2_A05_MR
42694	ZM_052_B2_A06	ZM_052_B2_A06_T7C	
42695	ZM_052_B2_A06		ZM_052_B2_A06_MR
42696	ZM_052_B2_A07	ZM_052_B2_A07_T7C	
42697	ZM_052_B2_A07		ZM_052_B2_A07_MR
42698	ZM_052_B2_A08		ZM_052_B2_A08_MR
42699	ZM_052_B2_A09	ZM_052_B2_A09_T7C	
42700	ZM_052_B2_A09		ZM_052_B2_A09_MR
42701	ZM_052_B2_A10	ZM_052_B2_A10_T7C	
42702	ZM_052_B2_A10		ZM_052_B2_A10_MR
42703	ZM_052_B2_A11	ZM_052_B2_A11_T7C	
42704	ZM_052_B2_A11		ZM_052_B2_A11_MR
42705	ZM_052_B2_A12	ZM_052_B2_A12_T7C	
42706	ZM_052_B2_A12		ZM_052_B2_A12_MR
42707	ZM_052_B2_B01	ZM_052_B2_B01_T7C	
42708	ZM_052_B2_B01		ZM_052_B2_B01_MR
42709	ZM_052_B2_B03		ZM_052_B2_B03_MR
42710	ZM_052_B2_B04	ZM_052_B2_B04_T7C	
42711	ZM_052_B2_B04		ZM_052_B2_B04_MR
42712	ZM_052_B2_B05	ZM_052_B2_B05_T7C	
42713	ZM_052_B2_B05		ZM_052_B2_B05_MR
42714	ZM_052_B2_B06	ZM_052_B2_B06_T7C	
42715	ZM_052_B2_B06		ZM_052_B2_B06_MR
42716	ZM_052_B2_B07	ZM_052_B2_B07_T7C	
42717	ZM_052_B2_B07		ZM_052_B2_B07_MR
42718	ZM_052_B2_B08	ZM_052_B2_B08_T7C	
42719	ZM_052_B2_B08		ZM_052_B2_B08_MR
42720	ZM_052_B2_B09	ZM_052_B2_B09_T7C	
42721	ZM_052_B2_B09		ZM_052_B2_B09_MR
42722	ZM_052_B2_B10	ZM_052_B2_B10_T7C	
42723	ZM_052_B2_B10		ZM_052_B2_B10_MR
42724	ZM_052_B2_B11	ZM_052_B2_B11_T7C	
42725	ZM_052_B2_B11		ZM_052_B2_B11_MR
42726	ZM_052_B2_B12	ZM_052_B2_B12_T7C	
42727	ZM_052_B2_B12		ZM_052_B2_B12_MR
42728	ZM_052_B2_C01	ZM_052_B2_C01_T7C	
42729	ZM_052_B2_C01		ZM_052_B2_C01_MR
42730	ZM_052_B2_C02	ZM_052_B2_C02_T7C	
42731	ZM_052_B2_C02		ZM_052_B2_C02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42732	ZM_052_B2_C03	ZM_052_B2_C03_T7C	
42733	ZM_052_B2_C03		ZM_052_B2_C03_MR
42734	ZM_052_B2_C04	ZM_052_B2_C04_T7C	
42735	ZM_052_B2_C04		ZM_052_B2_C04_MR
42736	ZM_052_B2_C05	ZM_052_B2_C05_T7C	
42737	ZM_052_B2_C05		ZM_052_B2_C05_MR
42738	ZM_052_B2_C06		ZM_052_B2_C06_MR
42739	ZM_052_B2_C07	ZM_052_B2_C07_T7C	
42740	ZM_052_B2_C08	ZM_052_B2_C08_T7C	
42741	ZM_052_B2_C08		ZM_052_B2_C08_MR
42742	ZM_052_B2_C09	ZM_052_B2_C09_T7C	
42743	ZM_052_B2_C09		ZM_052_B2_C09_MR
42744	ZM_052_B2_C10	ZM_052_B2_C10_T7C	
42745	ZM_052_B2_C10		ZM_052_B2_C10_MR
42746	ZM_052_B2_C11	ZM_052_B2_C11_T7C	
42747	ZM_052_B2_C11		ZM_052_B2_C11_MR
42748	ZM_052_B2_C12	ZM_052_B2_C12_T7C	
42749	ZM_052_B2_C12		ZM_052_B2_C12_MR
42750	ZM_052_B2_D01	ZM_052_B2_D01_T7C	
42751	ZM_052_B2_D01		ZM_052_B2_D01_MR
42752	ZM_052_B2_D02	ZM_052_B2_D02_T7C	
42753	ZM_052_B2_D02		ZM_052_B2_D02_MR
42754	ZM_052_B2_D03	ZM_052_B2_D03_T7C	
42755	ZM_052_B2_D03		ZM_052_B2_D03_MR
42756	ZM_052_B2_D04	ZM_052_B2_D04_T7C	
42757	ZM_052_B2_D04		ZM_052_B2_D04_MR
42758	ZM_052_B2_D05	ZM_052_B2_D05_T7C	
42759	ZM_052_B2_D05		ZM_052_B2_D05_MR
42760	ZM_052_B2_D06	ZM_052_B2_D06_T7C	
42761	ZM_052_B2_D06		ZM_052_B2_D06_MR
42762	ZM_052_B2_D07	ZM_052_B2_D07_T7C	
42763	ZM_052_B2_D07		ZM_052_B2_D07_MR
42764	ZM_052_B2_D08	ZM_052_B2_D08_T7C	
42765	ZM_052_B2_D08		ZM_052_B2_D08_MR
42766	ZM_052_B2_D09	ZM_052_B2_D09_T7C	
42767	ZM_052_B2_D09		ZM_052_B2_D09_MR
42768	ZM_052_B2_D10	ZM_052_B2_D10_T7C	
42769	ZM_052_B2_D10		ZM_052_B2_D10_MR
42770	ZM_052_B2_D11	ZM_052_B2_D11_T7C	
42771	ZM_052_B2_D11		ZM_052_B2_D11_MR
42772	ZM_052_B2_E01	ZM_052_B2_E01_T7C	
42773	ZM_052_B2_E02	ZM_052_B2_E02_T7C	
42774	ZM_052_B2_E02		ZM_052_B2_E02_MR
42775	ZM_052_B2_E03	ZM_052_B2_E03_T7C	
42776	ZM_052_B2_E03		ZM_052_B2_E03_MR
42777	ZM_052_B2_E04	ZM_052_B2_E04_T7C	
42778	ZM_052_B2_E04		ZM_052_B2_E04_MR
42779	ZM_052_B2_E05	ZM_052_B2_E05_T7C	
42780	ZM_052_B2_E05		ZM_052_B2_E05_MR
42781	ZM_052_B2_E06	ZM_052_B2_E06_T7C	
42782	ZM_052_B2_E06		ZM_052_B2_E06_MR
42783	ZM_052_B2_E07	ZM_052_B2_E07_T7C	
42784	ZM_052_B2_E07		ZM_052_B2_E07_MR
42785	ZM_052_B2_E08	ZM_052_B2_E08_T7C	
42786	ZM_052_B2_E08		ZM_052_B2_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42787	ZM_052_B2_E09	ZM_052_B2_E09_T7C	ZM_052_B2_E09_MR
42788	ZM_052_B2_E09		
42789	ZM_052_B2_E10	ZM_052_B2_E10_T7C	ZM_052_B2_E10_MR
42790	ZM_052_B2_E10		
42791	ZM_052_B2_E11	ZM_052_B2_E11_T7C	ZM_052_B2_E11_MR
42792	ZM_052_B2_E11		
42793	ZM_052_B2_F01	ZM_052_B2_F01_T7C	ZM_052_B2_F01_MR
42794	ZM_052_B2_F01		
42795	ZM_052_B2_F02	ZM_052_B2_F02_T7C	ZM_052_B2_F02_MR
42796	ZM_052_B2_F02		
42797	ZM_052_B2_F03	ZM_052_B2_F03_T7C	ZM_052_B2_F03_MR
42798	ZM_052_B2_F03		
42799	ZM_052_B2_F04	ZM_052_B2_F04_T7C	ZM_052_B2_F04_MR
42800	ZM_052_B2_F04		
42801	ZM_052_B2_F06	ZM_052_B2_F06_T7C	ZM_052_B2_F06_MR
42802	ZM_052_B2_F06		
42803	ZM_052_B2_F07	ZM_052_B2_F07_T7C	ZM_052_B2_F07_MR
42804	ZM_052_B2_F07		
42805	ZM_052_B2_F08	ZM_052_B2_F08_T7C	ZM_052_B2_F08_MR
42806	ZM_052_B2_F08		
42807	ZM_052_B2_F09	ZM_052_B2_F09_T7C	ZM_052_B2_F09_MR
42808	ZM_052_B2_F09		
42809	ZM_052_B2_F10	ZM_052_B2_F10_T7C	
42810	ZM_052_B2_F11	ZM_052_B2_F11_T7C	ZM_052_B2_F11_MR
42811	ZM_052_B2_F11		
42812	ZM_052_B2_F12	ZM_052_B2_F12_T7C	ZM_052_B2_F12_MR
42813	ZM_052_B2_F12		
42814	ZM_052_B2_G01	ZM_052_B2_G01_T7C	ZM_052_B2_G01_MR
42815	ZM_052_B2_G01		
42816	ZM_052_B2_G02	ZM_052_B2_G02_T7C	ZM_052_B2_G02_MR
42817	ZM_052_B2_G02		
42818	ZM_052_B2_G03	ZM_052_B2_G03_T7C	ZM_052_B2_G03_MR
42819	ZM_052_B2_G03		
42820	ZM_052_B2_G04	ZM_052_B2_G04_T7C	ZM_052_B2_G04_MR
42821	ZM_052_B2_G04		
42822	ZM_052_B2_G05	ZM_052_B2_G05_T7C	ZM_052_B2_G05_MR
42823	ZM_052_B2_G05		
42824	ZM_052_B2_G06	ZM_052_B2_G06_T7C	ZM_052_B2_G06_MR
42825	ZM_052_B2_G06		
42826	ZM_052_B2_G07	ZM_052_B2_G07_T7C	ZM_052_B2_G07_MR
42827	ZM_052_B2_G07		
42828	ZM_052_B2_G08	ZM_052_B2_G08_T7C	ZM_052_B2_G08_MR
42829	ZM_052_B2_G08		
42830	ZM_052_B2_G09	ZM_052_B2_G09_T7C	ZM_052_B2_G09_MR
42831	ZM_052_B2_G09		
42832	ZM_052_B2_G10	ZM_052_B2_G10_T7C	ZM_052_B2_G10_MR
42833	ZM_052_B2_G10		
42834	ZM_052_B2_G11	ZM_052_B2_G11_T7C	ZM_052_B2_G11_MR
42835	ZM_052_B2_G11		
42836	ZM_052_B2_G12	ZM_052_B2_G12_T7C	ZM_052_B2_G12_MR
42837	ZM_052_B2_G12		
42838	ZM_052_B2_H01	ZM_052_B2_H01_T7C	ZM_052_B2_H01_MR
42839	ZM_052_B2_H01		
42840	ZM_052_B2_H02	ZM_052_B2_H02_T7C	ZM_052_B2_H02_MR
42841	ZM_052_B2_H02		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42842	ZM_052_B2_H03	ZM_052_B2_H03_T7C	
42843	ZM_052_B2_H03		ZM_052_B2_H03_MR
42844	ZM_052_B2_H04	ZM_052_B2_H04_T7C	
42845	ZM_052_B2_H04		ZM_052_B2_H04_MR
42846	ZM_052_B2_H05	ZM_052_B2_H05_T7C	
42847	ZM_052_B2_H05		ZM_052_B2_H05_MR
42848	ZM_052_B2_H06	ZM_052_B2_H06_T7C	
42849	ZM_052_B2_H06		ZM_052_B2_H06_MR
42850	ZM_052_B2_H07	ZM_052_B2_H07_T7C	
42851	ZM_052_B2_H07		ZM_052_B2_H07_MR
42852	ZM_052_B2_H08		ZM_052_B2_H08_MR
42853	ZM_052_B2_H09	ZM_052_B2_H09_T7C	
42854	ZM_052_B2_H09		ZM_052_B2_H09_MR
42855	ZM_052_B2_H11	ZM_052_B2_H11_T7C	
42856	ZM_052_B2_H11		ZM_052_B2_H11_MR
42857	ZM_052_B2_H12	ZM_052_B2_H12_T7C	
42858	ZM_052_B2_H12		ZM_052_B2_H12_MR
42859	ZM_053_A2_A01	ZM_053_A2_A01_T7C	
42860	ZM_053_A2_A01		ZM_053_A2_A01_MR
42861	ZM_053_A2_A02		ZM_053_A2_A02_MR
42862	ZM_053_A2_A03		ZM_053_A2_A03_MR
42863	ZM_053_A2_A04	ZM_053_A2_A04_T7C	
42864	ZM_053_A2_A04		ZM_053_A2_A04_MR
42865	ZM_053_A2_A05	ZM_053_A2_A05_T7C	
42866	ZM_053_A2_A05		ZM_053_A2_A05_MR
42867	ZM_053_A2_A08		ZM_053_A2_A08_MR
42868	ZM_053_A2_A09		ZM_053_A2_A09_MR
42869	ZM_053_A2_A10	ZM_053_A2_A10_T7C	
42870	ZM_053_A2_A10		ZM_053_A2_A10_MR
42871	ZM_053_A2_A11	ZM_053_A2_A11_T7C	
42872	ZM_053_A2_A11		ZM_053_A2_A11_MR
42873	ZM_053_A2_A12		ZM_053_A2_A12_MR
42874	ZM_053_A2_B01		ZM_053_A2_B01_MR
42875	ZM_053_A2_B02		ZM_053_A2_B02_MR
42876	ZM_053_A2_B03		ZM_053_A2_B03_MR
42877	ZM_053_A2_B04	ZM_053_A2_B04_T7C	
42878	ZM_053_A2_B04		ZM_053_A2_B04_MR
42879	ZM_053_A2_B06		ZM_053_A2_B06_MR
42880	ZM_053_A2_B07		ZM_053_A2_B07_MR
42881	ZM_053_A2_B08		ZM_053_A2_B08_MR
42882	ZM_053_A2_B09		ZM_053_A2_B09_MR
42883	ZM_053_A2_B10		ZM_053_A2_B10_MR
42884	ZM_053_A2_B11	ZM_053_A2_B11_T7C	
42885	ZM_053_A2_B11		ZM_053_A2_B11_MR
42886	ZM_053_A2_B12		ZM_053_A2_B12_MR
42887	ZM_053_A2_C01	ZM_053_A2_C01_T7C	
42888	ZM_053_A2_C01		ZM_053_A2_C01_MR
42889	ZM_053_A2_C02	ZM_053_A2_C02_T7C	
42890	ZM_053_A2_C02		ZM_053_A2_C02_MR
42891	ZM_053_A2_C03	ZM_053_A2_C03_T7C	
42892	ZM_053_A2_C03		ZM_053_A2_C03_MR
42893	ZM_053_A2_C06		ZM_053_A2_C06_MR
42894	ZM_053_A2_C07	ZM_053_A2_C07_T7C	
42895	ZM_053_A2_C07		ZM_053_A2_C07_MR
42896	ZM_053_A2_C08		ZM_053_A2_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42897	ZM_053_A2_C09	ZM_053_A2_C09_T7C	
42898	ZM_053_A2_C09		ZM_053_A2_C09_MR
42899	ZM_053_A2_C10	ZM_053_A2_C10_T7C	
42900	ZM_053_A2_C10		ZM_053_A2_C10_MR
42901	ZM_053_A2_C11		ZM_053_A2_C11_MR
42902	ZM_053_A2_D01	ZM_053_A2_D01_T7C	
42903	ZM_053_A2_D01		ZM_053_A2_D01_MR
42904	ZM_053_A2_D02	ZM_053_A2_D02_T7C	
42905	ZM_053_A2_D02		ZM_053_A2_D02_MR
42906	ZM_053_A2_D04	ZM_053_A2_D04_T7C	
42907	ZM_053_A2_D05	ZM_053_A2_D05_T7C	
42908	ZM_053_A2_D05		ZM_053_A2_D05_MR
42909	ZM_053_A2_D07		ZM_053_A2_D07_MR
42910	ZM_053_A2_D08		ZM_053_A2_D08_MR
42911	ZM_053_A2_D09	ZM_053_A2_D09_T7C	
42912	ZM_053_A2_D09		ZM_053_A2_D09_MR
42913	ZM_053_A2_D10	ZM_053_A2_D10_T7C	
42914	ZM_053_A2_D10		ZM_053_A2_D10_MR
42915	ZM_053_A2_D11	ZM_053_A2_D11_T7C	
42916	ZM_053_A2_D11		ZM_053_A2_D11_MR
42917	ZM_053_A2_D12	ZM_053_A2_D12_T7C	
42918	ZM_053_A2_D12		ZM_053_A2_D12_MR
42919	ZM_053_A2_E01		ZM_053_A2_E01_MR
42920	ZM_053_A2_E02	ZM_053_A2_E02_T7C	
42921	ZM_053_A2_E02		ZM_053_A2_E02_MR
42922	ZM_053_A2_E03	ZM_053_A2_E03_T7C	
42923	ZM_053_A2_E03		ZM_053_A2_E03_MR
42924	ZM_053_A2_E04		ZM_053_A2_E04_MR
42925	ZM_053_A2_E05	ZM_053_A2_E05_T7C	
42926	ZM_053_A2_E05		ZM_053_A2_E05_MR
42927	ZM_053_A2_E06		ZM_053_A2_E06_MR
42928	ZM_053_A2_E09	ZM_053_A2_E09_T7C	
42929	ZM_053_A2_E09		ZM_053_A2_E09_MR
42930	ZM_053_A2_E10	ZM_053_A2_E10_T7C	
42931	ZM_053_A2_E10		ZM_053_A2_E10_MR
42932	ZM_053_A2_E11	ZM_053_A2_E11_T7C	
42933	ZM_053_A2_E11		ZM_053_A2_E11_MR
42934	ZM_053_A2_F01		ZM_053_A2_F01_MR
42935	ZM_053_A2_F02		ZM_053_A2_F02_MR
42936	ZM_053_A2_F04	ZM_053_A2_F04_T7C	
42937	ZM_053_A2_F04		ZM_053_A2_F04_MR
42938	ZM_053_A2_F05		ZM_053_A2_F05_MR
42939	ZM_053_A2_F06		ZM_053_A2_F06_MR
42940	ZM_053_A2_F07	ZM_053_A2_F07_T7C	
42941	ZM_053_A2_F07		ZM_053_A2_F07_MR
42942	ZM_053_A2_F08	ZM_053_A2_F08_T7C	
42943	ZM_053_A2_F09		ZM_053_A2_F09_MR
42944	ZM_053_A2_F10	ZM_053_A2_F10_T7C	
42945	ZM_053_A2_F10		ZM_053_A2_F10_MR
42946	ZM_053_A2_F11	ZM_053_A2_F11_T7C	
42947	ZM_053_A2_F11		ZM_053_A2_F11_MR
42948	ZM_053_A2_F12		ZM_053_A2_F12_MR
42949	ZM_053_A2_G01		ZM_053_A2_G01_MR
42950	ZM_053_A2_G02	ZM_053_A2_G02_T7C	
42951	ZM_053_A2_G02		ZM_053_A2_G02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
42952	ZM_053_A2_G04	ZM_053_A2_G04_T7C	
42953	ZM_053_A2_G04		ZM_053_A2_G04_MR
42954	ZM_053_A2_G05	ZM_053_A2_G05_T7C	
42955	ZM_053_A2_G06		ZM_053_A2_G06_MR
42956	ZM_053_A2_G09		ZM_053_A2_G09_MR
42957	ZM_053_A2_H01	ZM_053_A2_H01_T7C	
42958	ZM_053_A2_H01		ZM_053_A2_H01_MR
42959	ZM_053_A2_H02		ZM_053_A2_H02_MR
42960	ZM_053_A2_H05	ZM_053_A2_H05_T7C	
42961	ZM_053_A2_H05		ZM_053_A2_H05_MR
42962	ZM_053_A2_H07		ZM_053_A2_H07_MR
42963	ZM_053_A2_H08	ZM_053_A2_H08_T7C	
42964	ZM_053_A2_H08		ZM_053_A2_H08_MR
42965	ZM_053_A2_H10	ZM_053_A2_H10_T7C	
42966	ZM_053_A2_H11	ZM_053_A2_H11_T7C	
42967	ZM_053_A2_H11		ZM_053_A2_H11_MR
42968	ZM_053_B1_A01	ZM_053_B1_A01_T7C	
42969	ZM_053_B1_A01		ZM_053_B1_A01_MR
42970	ZM_053_B1_A02	ZM_053_B1_A02_T7C	
42971	ZM_053_B1_A02		ZM_053_B1_A02_MR
42972	ZM_053_B1_A03	ZM_053_B1_A03_T7C	
42973	ZM_053_B1_A03		ZM_053_B1_A03_MR
42974	ZM_053_B1_A04	ZM_053_B1_A04_T7C	
42975	ZM_053_B1_A04		ZM_053_B1_A04_MR
42976	ZM_053_B1_A05	ZM_053_B1_A05_T7C	
42977	ZM_053_B1_A05		ZM_053_B1_A05_MR
42978	ZM_053_B1_A06	ZM_053_B1_A06_T7C	
42979	ZM_053_B1_A06		ZM_053_B1_A06_MR
42980	ZM_053_B1_A07	ZM_053_B1_A07_T7C	
42981	ZM_053_B1_A07		ZM_053_B1_A07_MR
42982	ZM_053_B1_A08	ZM_053_B1_A08_T7C	
42983	ZM_053_B1_A08		ZM_053_B1_A08_MR
42984	ZM_053_B1_A09	ZM_053_B1_A09_T7C	
42985	ZM_053_B1_A10	ZM_053_B1_A10_T7C	
42986	ZM_053_B1_A10		ZM_053_B1_A10_MR
42987	ZM_053_B1_A11	ZM_053_B1_A11_T7C	
42988	ZM_053_B1_A11		ZM_053_B1_A11_MR
42989	ZM_053_B1_A12	ZM_053_B1_A12_T7C	
42990	ZM_053_B1_A12		ZM_053_B1_A12_MR
42991	ZM_053_B1_B01	ZM_053_B1_B01_T7C	
42992	ZM_053_B1_B01		ZM_053_B1_B01_MR
42993	ZM_053_B1_B02	ZM_053_B1_B02_T7C	
42994	ZM_053_B1_B02		ZM_053_B1_B02_MR
42995	ZM_053_B1_B03	ZM_053_B1_B03_T7C	
42996	ZM_053_B1_B03		ZM_053_B1_B03_MR
42997	ZM_053_B1_B04	ZM_053_B1_B04_T7C	
42998	ZM_053_B1_B05	ZM_053_B1_B05_T7C	
42999	ZM_053_B1_B06		ZM_053_B1_B06_MR
43000	ZM_053_B1_B07	ZM_053_B1_B07_T7C	
43001	ZM_053_B1_B07		ZM_053_B1_B07_MR
43002	ZM_053_B1_B08	ZM_053_B1_B08_T7C	
43003	ZM_053_B1_B09	ZM_053_B1_B09_T7C	
43004	ZM_053_B1_B09		ZM_053_B1_B09_MR
43005	ZM_053_B1_B10	ZM_053_B1_B10_T7C	
43006	ZM_053_B1_B10		ZM_053_B1_B10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43007	ZM_053_B1_B11	ZM_053_B1_B11_T7C	
43008	ZM_053_B1_B11		ZM_053_B1_B11_MR
43009	ZM_053_B1_B12	ZM_053_B1_B12_T7C	
43010	ZM_053_B1_B12		ZM_053_B1_B12_MR
43011	ZM_053_B1_C01	ZM_053_B1_C01_T7C	
43012	ZM_053_B1_C01		ZM_053_B1_C01_MR
43013	ZM_053_B1_C02	ZM_053_B1_C02_T7C	
43014	ZM_053_B1_C02		ZM_053_B1_C02_MR
43015	ZM_053_B1_C03	ZM_053_B1_C03_T7C	
43016	ZM_053_B1_C03		ZM_053_B1_C03_MR
43017	ZM_053_B1_C04	ZM_053_B1_C04_T7C	
43018	ZM_053_B1_C04		ZM_053_B1_C04_MR
43019	ZM_053_B1_C05	ZM_053_B1_C05_T7C	
43020	ZM_053_B1_C05		ZM_053_B1_C05_MR
43021	ZM_053_B1_C06	ZM_053_B1_C06_T7C	
43022	ZM_053_B1_C06		ZM_053_B1_C06_MR
43023	ZM_053_B1_C07	ZM_053_B1_C07_T7C	
43024	ZM_053_B1_C07		ZM_053_B1_C07_MR
43025	ZM_053_B1_C08	ZM_053_B1_C08_T7C	
43026	ZM_053_B1_C08		ZM_053_B1_C08_MR
43027	ZM_053_B1_C09	ZM_053_B1_C09_T7C	
43028	ZM_053_B1_C11	ZM_053_B1_C11_T7C	
43029	ZM_053_B1_C11		ZM_053_B1_C11_MR
43030	ZM_053_B1_C12	ZM_053_B1_C12_T7C	
43031	ZM_053_B1_C12		ZM_053_B1_C12_MR
43032	ZM_053_B1_D01	ZM_053_B1_D01_T7C	
43033	ZM_053_B1_D02	ZM_053_B1_D02_T7C	
43034	ZM_053_B1_D02		ZM_053_B1_D02_MR
43035	ZM_053_B1_D03	ZM_053_B1_D03_T7C	
43036	ZM_053_B1_D03		ZM_053_B1_D03_MR
43037	ZM_053_B1_D04	ZM_053_B1_D04_T7C	
43038	ZM_053_B1_D04		ZM_053_B1_D04_MR
43039	ZM_053_B1_D05	ZM_053_B1_D05_T7C	
43040	ZM_053_B1_D05		ZM_053_B1_D05_MR
43041	ZM_053_B1_D06	ZM_053_B1_D06_T7C	
43042	ZM_053_B1_D06		ZM_053_B1_D06_MR
43043	ZM_053_B1_D07	ZM_053_B1_D07_T7C	
43044	ZM_053_B1_D07		ZM_053_B1_D07_MR
43045	ZM_053_B1_D08	ZM_053_B1_D08_T7C	
43046	ZM_053_B1_D09	ZM_053_B1_D09_T7C	
43047	ZM_053_B1_D09		ZM_053_B1_D09_MR
43048	ZM_053_B1_D10	ZM_053_B1_D10_T7C	
43049	ZM_053_B1_D10		ZM_053_B1_D10_MR
43050	ZM_053_B1_D11	ZM_053_B1_D11_T7C	
43051	ZM_053_B1_D11		ZM_053_B1_D11_MR
43052	ZM_053_B1_D12	ZM_053_B1_D12_T7C	
43053	ZM_053_B1_D12		ZM_053_B1_D12_MR
43054	ZM_053_B1_E01	ZM_053_B1_E01_T7C	
43055	ZM_053_B1_E02	ZM_053_B1_E02_T7C	
43056	ZM_053_B1_E02		ZM_053_B1_E02_MR
43057	ZM_053_B1_E03	ZM_053_B1_E03_T7C	
43058	ZM_053_B1_E03		ZM_053_B1_E03_MR
43059	ZM_053_B1_E04	ZM_053_B1_E04_T7C	
43060	ZM_053_B1_E04		ZM_053_B1_E04_MR
43061	ZM_053_B1_E05	ZM_053_B1_E05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43062	ZM_053_B1_E05		ZM_053_B1_E05_MR
43063	ZM_053_B1_E06	ZM_053_B1_E06_T7C	
43064	ZM_053_B1_E06		ZM_053_B1_E06_MR
43065	ZM_053_B1_E07	ZM_053_B1_E07_T7C	
43066	ZM_053_B1_E08	ZM_053_B1_E08_T7C	
43067	ZM_053_B1_E08		ZM_053_B1_E08_MR
43068	ZM_053_B1_E09	ZM_053_B1_E09_T7C	
43069	ZM_053_B1_E09		ZM_053_B1_E09_MR
43070	ZM_053_B1_E10	ZM_053_B1_E10_T7C	
43071	ZM_053_B1_E10		ZM_053_B1_E10_MR
43072	ZM_053_B1_E11	ZM_053_B1_E11_T7C	
43073	ZM_053_B1_E11		ZM_053_B1_E11_MR
43074	ZM_053_B1_E12	ZM_053_B1_E12_T7C	
43075	ZM_053_B1_E12		ZM_053_B1_E12_MR
43076	ZM_053_B1_F01	ZM_053_B1_F01_T7C	
43077	ZM_053_B1_F01		ZM_053_B1_F01_MR
43078	ZM_053_B1_F02	ZM_053_B1_F02_T7C	
43079	ZM_053_B1_F02		ZM_053_B1_F02_MR
43080	ZM_053_B1_F03	ZM_053_B1_F03_T7C	
43081	ZM_053_B1_F03		ZM_053_B1_F03_MR
43082	ZM_053_B1_F04	ZM_053_B1_F04_T7C	
43083	ZM_053_B1_F04		ZM_053_B1_F04_MR
43084	ZM_053_B1_F05	ZM_053_B1_F05_T7C	
43085	ZM_053_B1_F05		ZM_053_B1_F05_MR
43086	ZM_053_B1_F06	ZM_053_B1_F06_T7C	
43087	ZM_053_B1_F07	ZM_053_B1_F07_T7C	
43088	ZM_053_B1_F07		ZM_053_B1_F07_MR
43089	ZM_053_B1_F08	ZM_053_B1_F08_T7C	
43090	ZM_053_B1_F08		ZM_053_B1_F08_MR
43091	ZM_053_B1_F09	ZM_053_B1_F09_T7C	
43092	ZM_053_B1_F09		ZM_053_B1_F09_MR
43093	ZM_053_B1_F10	ZM_053_B1_F10_T7C	
43094	ZM_053_B1_F10		ZM_053_B1_F10_MR
43095	ZM_053_B1_F11	ZM_053_B1_F11_T7C	
43096	ZM_053_B1_F12	ZM_053_B1_F12_T7C	
43097	ZM_053_B1_F12		ZM_053_B1_F12_MR
43098	ZM_053_B1_G01	ZM_053_B1_G01_T7C	
43099	ZM_053_B1_G01		ZM_053_B1_G01_MR
43100	ZM_053_B1_G02	ZM_053_B1_G02_T7C	
43101	ZM_053_B1_G03	ZM_053_B1_G03_T7C	
43102	ZM_053_B1_G03		ZM_053_B1_G03_MR
43103	ZM_053_B1_G04	ZM_053_B1_G04_T7C	
43104	ZM_053_B1_G04		ZM_053_B1_G04_MR
43105	ZM_053_B1_G05	ZM_053_B1_G05_T7C	
43106	ZM_053_B1_G05		ZM_053_B1_G05_MR
43107	ZM_053_B1_G06	ZM_053_B1_G06_T7C	
43108	ZM_053_B1_G06		ZM_053_B1_G06_MR
43109	ZM_053_B1_G07	ZM_053_B1_G07_T7C	
43110	ZM_053_B1_G08	ZM_053_B1_G08_T7C	
43111	ZM_053_B1_G08		ZM_053_B1_G08_MR
43112	ZM_053_B1_G09	ZM_053_B1_G09_T7C	
43113	ZM_053_B1_G09		ZM_053_B1_G09_MR
43114	ZM_053_B1_G10	ZM_053_B1_G10_T7C	
43115	ZM_053_B1_G10		ZM_053_B1_G10_MR
43116	ZM_053_B1_G11	ZM_053_B1_G11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43117	ZM_053_B1_G11		ZM_053_B1_G11_MR
43118	ZM_053_B1_G12	ZM_053_B1_G12_T7C	
43119	ZM_053_B1_G12		ZM_053_B1_G12_MR
43120	ZM_053_B1_H02	ZM_053_B1_H02_T7C	
43121	ZM_053_B1_H02		ZM_053_B1_H02_MR
43122	ZM_053_B1_H03	ZM_053_B1_H03_T7C	
43123	ZM_053_B1_H03		ZM_053_B1_H03_MR
43124	ZM_053_B1_H04	ZM_053_B1_H04_T7C	
43125	ZM_053_B1_H04		ZM_053_B1_H04_MR
43126	ZM_053_B1_H05	ZM_053_B1_H05_T7C	
43127	ZM_053_B1_H05		ZM_053_B1_H05_MR
43128	ZM_053_B1_H06	ZM_053_B1_H06_T7C	
43129	ZM_053_B1_H06		ZM_053_B1_H06_MR
43130	ZM_053_B1_H07	ZM_053_B1_H07_T7C	
43131	ZM_053_B1_H08	ZM_053_B1_H08_T7C	
43132	ZM_053_B1_H08		ZM_053_B1_H08_MR
43133	ZM_053_B1_H09	ZM_053_B1_H09_T7C	
43134	ZM_053_B1_H09		ZM_053_B1_H09_MR
43135	ZM_053_B1_H10	ZM_053_B1_H10_T7C	
43136	ZM_053_B1_H10		ZM_053_B1_H10_MR
43137	ZM_053_B1_H11	ZM_053_B1_H11_T7C	
43138	ZM_053_B1_H11		ZM_053_B1_H11_MR
43139	ZM_053_B1_H12	ZM_053_B1_H12_T7C	
43140	ZM_053_B1_H12		ZM_053_B1_H12_MR
43141	ZM_053_B2_A02		ZM_053_B2_A02_MR
43142	ZM_053_B2_A03		ZM_053_B2_A03_MR
43143	ZM_053_B2_A04		ZM_053_B2_A04_MR
43144	ZM_053_B2_A06		ZM_053_B2_A06_MR
43145	ZM_053_B2_A07		ZM_053_B2_A07_MR
43146	ZM_053_B2_A08		ZM_053_B2_A08_MR
43147	ZM_053_B2_A09		ZM_053_B2_A09_MR
43148	ZM_053_B2_A10		ZM_053_B2_A10_MR
43149	ZM_053_B2_A12		ZM_053_B2_A12_MR
43150	ZM_053_B2_B01		ZM_053_B2_B01_MR
43151	ZM_053_B2_B02		ZM_053_B2_B02_MR
43152	ZM_053_B2_B04		ZM_053_B2_B04_MR
43153	ZM_053_B2_B07		ZM_053_B2_B07_MR
43154	ZM_053_B2_B08		ZM_053_B2_B08_MR
43155	ZM_053_B2_B09		ZM_053_B2_B09_MR
43156	ZM_053_B2_B10		ZM_053_B2_B10_MR
43157	ZM_053_B2_B12		ZM_053_B2_B12_MR
43158	ZM_053_B2_C01		ZM_053_B2_C01_MR
43159	ZM_053_B2_C02		ZM_053_B2_C02_MR
43160	ZM_053_B2_C03		ZM_053_B2_C03_MR
43161	ZM_053_B2_C04		ZM_053_B2_C04_MR
43162	ZM_053_B2_C08		ZM_053_B2_C08_MR
43163	ZM_053_B2_C10		ZM_053_B2_C10_MR
43164	ZM_053_B2_C11		ZM_053_B2_C11_MR
43165	ZM_053_B2_C12		ZM_053_B2_C12_MR
43166	ZM_053_B2_D01		ZM_053_B2_D01_MR
43167	ZM_053_B2_D02		ZM_053_B2_D02_MR
43168	ZM_053_B2_D03		ZM_053_B2_D03_MR
43169	ZM_053_B2_D04		ZM_053_B2_D04_MR
43170	ZM_053_B2_D05		ZM_053_B2_D05_MR
43171	ZM_053_B2_D06		ZM_053_B2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43172	ZM_053_B2_D07		ZM_053_B2_D07_MR
43173	ZM_053_B2_D08		ZM_053_B2_D08_MR
43174	ZM_053_B2_D09		ZM_053_B2_D09_MR
43175	ZM_053_B2_D10		ZM_053_B2_D10_MR
43176	ZM_053_B2_D11		ZM_053_B2_D11_MR
43177	ZM_053_B2_E02		ZM_053_B2_E02_MR
43178	ZM_053_B2_E03		ZM_053_B2_E03_MR
43179	ZM_053_B2_E04		ZM_053_B2_E04_MR
43180	ZM_053_B2_E05		ZM_053_B2_E05_MR
43181	ZM_053_B2_E07		ZM_053_B2_E07_MR
43182	ZM_053_B2_E08		ZM_053_B2_E08_MR
43183	ZM_053_B2_E09		ZM_053_B2_E09_MR
43184	ZM_053_B2_E10		ZM_053_B2_E10_MR
43185	ZM_053_B2_E11		ZM_053_B2_E11_MR
43186	ZM_053_B2_F01		ZM_053_B2_F01_MR
43187	ZM_053_B2_F02		ZM_053_B2_F02_MR
43188	ZM_053_B2_F03		ZM_053_B2_F03_MR
43189	ZM_053_B2_F04		ZM_053_B2_F04_MR
43190	ZM_053_B2_F05		ZM_053_B2_F05_MR
43191	ZM_053_B2_F07		ZM_053_B2_F07_MR
43192	ZM_053_B2_F11		ZM_053_B2_F11_MR
43193	ZM_053_B2_F12		ZM_053_B2_F12_MR
43194	ZM_053_B2_G01		ZM_053_B2_G01_MR
43195	ZM_053_B2_G02		ZM_053_B2_G02_MR
43196	ZM_053_B2_G03		ZM_053_B2_G03_MR
43197	ZM_053_B2_G04		ZM_053_B2_G04_MR
43198	ZM_053_B2_G07		ZM_053_B2_G07_MR
43199	ZM_053_B2_G09		ZM_053_B2_G09_MR
43200	ZM_053_B2_G10		ZM_053_B2_G10_MR
43201	ZM_053_B2_G11		ZM_053_B2_G11_MR
43202	ZM_053_B2_G12		ZM_053_B2_G12_MR
43203	ZM_053_B2_H01		ZM_053_B2_H01_MR
43204	ZM_053_B2_H02		ZM_053_B2_H02_MR
43205	ZM_053_B2_H03		ZM_053_B2_H03_MR
43206	ZM_053_B2_H04		ZM_053_B2_H04_MR
43207	ZM_053_B2_H06		ZM_053_B2_H06_MR
43208	ZM_053_B2_H07		ZM_053_B2_H07_MR
43209	ZM_053_B2_H08		ZM_053_B2_H08_MR
43210	ZM_053_B2_H09		ZM_053_B2_H09_MR
43211	ZM_053_B2_H10		ZM_053_B2_H10_MR
43212	ZM_053_B2_H11		ZM_053_B2_H11_MR
43213	ZM_053_B2_H12		ZM_053_B2_H12_MR
43214	ZM_054_A1_A04	ZM_054_A1_A04_T7C	
43215	ZM_054_A1_A05	ZM_054_A1_A05_T7C	
43216	ZM_054_A1_A06	ZM_054_A1_A06_T7C	
43217	ZM_054_A1_A07	ZM_054_A1_A07_T7C	
43218	ZM_054_A1_A08	ZM_054_A1_A08_T7C	
43219	ZM_054_A1_A09	ZM_054_A1_A09_T7C	
43220	ZM_054_A1_A10	ZM_054_A1_A10_T7C	
43221	ZM_054_A1_A11	ZM_054_A1_A11_T7C	
43222	ZM_054_A1_A12	ZM_054_A1_A12_T7C	
43223	ZM_054_A1_B01	ZM_054_A1_B01_T7C	
43224	ZM_054_A1_B02	ZM_054_A1_B02_T7C	
43225	ZM_054_A1_B03	ZM_054_A1_B03_T7C	
43226	ZM_054_A1_B05	ZM_054_A1_B05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43227	ZM_054_A1_B06	ZM_054_A1_B06_T7C	
43228	ZM_054_A1_B07	ZM_054_A1_B07_T7C	
43229	ZM_054_A1_B08	ZM_054_A1_B08_T7C	
43230	ZM_054_A1_B09	ZM_054_A1_B09_T7C	
43231	ZM_054_A1_B10	ZM_054_A1_B10_T7C	
43232	ZM_054_A1_B11	ZM_054_A1_B11_T7C	
43233	ZM_054_A1_B12	ZM_054_A1_B12_T7C	
43234	ZM_054_A1_C01	ZM_054_A1_C01_T7C	
43235	ZM_054_A1_C02	ZM_054_A1_C02_T7C	
43236	ZM_054_A1_C03	ZM_054_A1_C03_T7C	
43237	ZM_054_A1_C04	ZM_054_A1_C04_T7C	
43238	ZM_054_A1_C05	ZM_054_A1_C05_T7C	
43239	ZM_054_A1_C06	ZM_054_A1_C06_T7C	
43240	ZM_054_A1_C08	ZM_054_A1_C08_T7C	
43241	ZM_054_A1_C11	ZM_054_A1_C11_T7C	
43242	ZM_054_A1_C12	ZM_054_A1_C12_T7C	
43243	ZM_054_A1_D01	ZM_054_A1_D01_T7C	
43244	ZM_054_A1_D02	ZM_054_A1_D02_T7C	
43245	ZM_054_A1_D03	ZM_054_A1_D03_T7C	
43246	ZM_054_A1_D04	ZM_054_A1_D04_T7C	
43247	ZM_054_A1_D05	ZM_054_A1_D05_T7C	
43248	ZM_054_A1_D06	ZM_054_A1_D06_T7C	
43249	ZM_054_A1_D07	ZM_054_A1_D07_T7C	
43250	ZM_054_A1_D08	ZM_054_A1_D08_T7C	
43251	ZM_054_A1_D09	ZM_054_A1_D09_T7C	
43252	ZM_054_A1_D10	ZM_054_A1_D10_T7C	
43253	ZM_054_A1_D11	ZM_054_A1_D11_T7C	
43254	ZM_054_A1_D12	ZM_054_A1_D12_T7C	
43255	ZM_054_A1_E01	ZM_054_A1_E01_T7C	
43256	ZM_054_A1_E04	ZM_054_A1_E04_T7C	
43257	ZM_054_A1_E05	ZM_054_A1_E05_T7C	
43258	ZM_054_A1_E06	ZM_054_A1_E06_T7C	
43259	ZM_054_A1_E07	ZM_054_A1_E07_T7C	
43260	ZM_054_A1_E08	ZM_054_A1_E08_T7C	
43261	ZM_054_A1_E09	ZM_054_A1_E09_T7C	
43262	ZM_054_A1_E10	ZM_054_A1_E10_T7C	
43263	ZM_054_A1_E11	ZM_054_A1_E11_T7C	
43264	ZM_054_A1_E12	ZM_054_A1_E12_T7C	
43265	ZM_054_A1_F01	ZM_054_A1_F01_T7C	
43266	ZM_054_A1_F02	ZM_054_A1_F02_T7C	
43267	ZM_054_A1_F03	ZM_054_A1_F03_T7C	
43268	ZM_054_A1_F04	ZM_054_A1_F04_T7C	
43269	ZM_054_A1_F05	ZM_054_A1_F05_T7C	
43270	ZM_054_A1_F06	ZM_054_A1_F06_T7C	
43271	ZM_054_A1_F07	ZM_054_A1_F07_T7C	
43272	ZM_054_A1_F08	ZM_054_A1_F08_T7C	
43273	ZM_054_A1_F11	ZM_054_A1_F11_T7C	
43274	ZM_054_A1_F12	ZM_054_A1_F12_T7C	
43275	ZM_054_A1_G01	ZM_054_A1_G01_T7C	
43276	ZM_054_A1_G03	ZM_054_A1_G03_T7C	
43277	ZM_054_A1_G04	ZM_054_A1_G04_T7C	
43278	ZM_054_A1_G05	ZM_054_A1_G05_T7C	
43279	ZM_054_A1_G07	ZM_054_A1_G07_T7C	
43280	ZM_054_A1_G08	ZM_054_A1_G08_T7C	
43281	ZM_054_A1_G09	ZM_054_A1_G09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43282	ZM_054_A1_G10	ZM_054_A1_G10_T7C	
43283	ZM_054_A1_G11	ZM_054_A1_G11_T7C	
43284	ZM_054_A1_G12	ZM_054_A1_G12_T7C	
43285	ZM_054_A1_H03	ZM_054_A1_H03_T7C	
43286	ZM_054_A1_H04	ZM_054_A1_H04_T7C	
43287	ZM_054_A1_H05	ZM_054_A1_H05_T7C	
43288	ZM_054_A1_H06	ZM_054_A1_H06_T7C	
43289	ZM_054_A1_H07	ZM_054_A1_H07_T7C	
43290	ZM_054_A1_H09	ZM_054_A1_H09_T7C	
43291	ZM_054_A2_A01	ZM_054_A2_A01_T7C	
43292	ZM_054_A2_A02	ZM_054_A2_A02_T7C	
43293	ZM_054_A2_A03	ZM_054_A2_A03_T7C	
43294	ZM_054_A2_A04	ZM_054_A2_A04_T7C	
43295	ZM_054_A2_A08	ZM_054_A2_A08_T7C	
43296	ZM_054_A2_A09	ZM_054_A2_A09_T7C	
43297	ZM_054_A2_A10	ZM_054_A2_A10_T7C	
43298	ZM_054_A2_A11	ZM_054_A2_A11_T7C	
43299	ZM_054_A2_A12	ZM_054_A2_A12_T7C	
43300	ZM_054_A2_B01	ZM_054_A2_B01_T7C	
43301	ZM_054_A2_B02	ZM_054_A2_B02_T7C	
43302	ZM_054_A2_B03	ZM_054_A2_B03_T7C	
43303	ZM_054_A2_B04	ZM_054_A2_B04_T7C	
43304	ZM_054_A2_B05	ZM_054_A2_B05_T7C	
43305	ZM_054_A2_B06	ZM_054_A2_B06_T7C	
43306	ZM_054_A2_B07	ZM_054_A2_B07_T7C	
43307	ZM_054_A2_B08	ZM_054_A2_B08_T7C	
43308	ZM_054_A2_B09	ZM_054_A2_B09_T7C	
43309	ZM_054_A2_B10	ZM_054_A2_B10_T7C	
43310	ZM_054_A2_B11	ZM_054_A2_B11_T7C	
43311	ZM_054_A2_B12	ZM_054_A2_B12_T7C	
43312	ZM_054_A2_C01	ZM_054_A2_C01_T7C	
43313	ZM_054_A2_C02	ZM_054_A2_C02_T7C	
43314	ZM_054_A2_C03	ZM_054_A2_C03_T7C	
43315	ZM_054_A2_C04	ZM_054_A2_C04_T7C	
43316	ZM_054_A2_C05	ZM_054_A2_C05_T7C	
43317	ZM_054_A2_C06	ZM_054_A2_C06_T7C	
43318	ZM_054_A2_C07	ZM_054_A2_C07_T7C	
43319	ZM_054_A2_C08	ZM_054_A2_C08_T7C	
43320	ZM_054_A2_C09	ZM_054_A2_C09_T7C	
43321	ZM_054_A2_C10	ZM_054_A2_C10_T7C	
43322	ZM_054_A2_C11	ZM_054_A2_C11_T7C	
43323	ZM_054_A2_C12	ZM_054_A2_C12_T7C	
43324	ZM_054_A2_D01	ZM_054_A2_D01_T7C	
43325	ZM_054_A2_D02	ZM_054_A2_D02_T7C	
43326	ZM_054_A2_D03	ZM_054_A2_D03_T7C	
43327	ZM_054_A2_D04	ZM_054_A2_D04_T7C	
43328	ZM_054_A2_D06	ZM_054_A2_D06_T7C	
43329	ZM_054_A2_D08	ZM_054_A2_D08_T7C	
43330	ZM_054_A2_D09	ZM_054_A2_D09_T7C	
43331	ZM_054_A2_D10	ZM_054_A2_D10_T7C	
43332	ZM_054_A2_D11	ZM_054_A2_D11_T7C	
43333	ZM_054_A2_D12	ZM_054_A2_D12_T7C	
43334	ZM_054_A2_E01	ZM_054_A2_E01_T7C	
43335	ZM_054_A2_E02	ZM_054_A2_E02_T7C	
43336	ZM_054_A2_E03	ZM_054_A2_E03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43337	ZM_054_A2_E04	ZM_054_A2_E04_T7C	
43338	ZM_054_A2_E05	ZM_054_A2_E05_T7C	
43339	ZM_054_A2_E06	ZM_054_A2_E06_T7C	
43340	ZM_054_A2_E07	ZM_054_A2_E07_T7C	
43341	ZM_054_A2_E08	ZM_054_A2_E08_T7C	
43342	ZM_054_A2_E10	ZM_054_A2_E10_T7C	
43343	ZM_054_A2_E12	ZM_054_A2_E12_T7C	
43344	ZM_054_A2_F01	ZM_054_A2_F01_T7C	
43345	ZM_054_A2_F02	ZM_054_A2_F02_T7C	
43346	ZM_054_A2_F03	ZM_054_A2_F03_T7C	
43347	ZM_054_A2_F04	ZM_054_A2_F04_T7C	
43348	ZM_054_A2_F05	ZM_054_A2_F05_T7C	
43349	ZM_054_A2_F07	ZM_054_A2_F07_T7C	
43350	ZM_054_A2_F08	ZM_054_A2_F08_T7C	
43351	ZM_054_A2_F09	ZM_054_A2_F09_T7C	
43352	ZM_054_A2_F12	ZM_054_A2_F12_T7C	
43353	ZM_054_A2_G01	ZM_054_A2_G01_T7C	
43354	ZM_054_A2_G02	ZM_054_A2_G02_T7C	
43355	ZM_054_A2_G03	ZM_054_A2_G03_T7C	
43356	ZM_054_A2_G04	ZM_054_A2_G04_T7C	
43357	ZM_054_A2_G05	ZM_054_A2_G05_T7C	
43358	ZM_054_A2_G06	ZM_054_A2_G06_T7C	
43359	ZM_054_A2_G08	ZM_054_A2_G08_T7C	
43360	ZM_054_A2_G09	ZM_054_A2_G09_T7C	
43361	ZM_054_A2_G12	ZM_054_A2_G12_T7C	
43362	ZM_054_A2_H01	ZM_054_A2_H01_T7C	
43363	ZM_054_A2_H02	ZM_054_A2_H02_T7C	
43364	ZM_054_A2_H03	ZM_054_A2_H03_T7C	
43365	ZM_054_A2_H04	ZM_054_A2_H04_T7C	
43366	ZM_054_A2_H05	ZM_054_A2_H05_T7C	
43367	ZM_054_A2_H06	ZM_054_A2_H06_T7C	
43368	ZM_054_A2_H07	ZM_054_A2_H07_T7C	
43369	ZM_054_A2_H08	ZM_054_A2_H08_T7C	
43370	ZM_054_A2_H09	ZM_054_A2_H09_T7C	
43371	ZM_054_A2_H10	ZM_054_A2_H10_T7C	
43372	ZM_054_A2_H11	ZM_054_A2_H11_T7C	
43373	ZM_054_A2_H12	ZM_054_A2_H12_T7C	
43374	ZM_054_B1_A01	ZM_054_B1_A01_T7C	
43375	ZM_054_B1_A02	ZM_054_B1_A02_T7C	
43376	ZM_054_B1_A02		ZM_054_B1_A02_MR
43377	ZM_054_B1_A03	ZM_054_B1_A03_T7C	
43378	ZM_054_B1_A03		ZM_054_B1_A03_MR
43379	ZM_054_B1_A04	ZM_054_B1_A04_T7C	
43380	ZM_054_B1_A04		ZM_054_B1_A04_MR
43381	ZM_054_B1_A05	ZM_054_B1_A05_T7C	
43382	ZM_054_B1_A05		ZM_054_B1_A05_MR
43383	ZM_054_B1_A06	ZM_054_B1_A06_T7C	
43384	ZM_054_B1_A06		ZM_054_B1_A06_MR
43385	ZM_054_B1_A07	ZM_054_B1_A07_T7C	
43386	ZM_054_B1_A07		ZM_054_B1_A07_MR
43387	ZM_054_B1_A08	ZM_054_B1_A08_T7C	
43388	ZM_054_B1_A08		ZM_054_B1_A08_MR
43389	ZM_054_B1_A09	ZM_054_B1_A09_T7C	
43390	ZM_054_B1_A09		ZM_054_B1_A09_MR
43391	ZM_054_B1_A10	ZM_054_B1_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43392	ZM_054_B1_A10		ZM_054_B1_A10_MR
43393	ZM_054_B1_A11	ZM_054_B1_A11_T7C	
43394	ZM_054_B1_A11		ZM_054_B1_A11_MR
43395	ZM_054_B1_A12	ZM_054_B1_A12_T7C	
43396	ZM_054_B1_A12		ZM_054_B1_A12_MR
43397	ZM_054_B1_B01	ZM_054_B1_B01_T7C	
43398	ZM_054_B1_B01		ZM_054_B1_B01_MR
43399	ZM_054_B1_B02	ZM_054_B1_B02_T7C	
43400	ZM_054_B1_B02		ZM_054_B1_B02_MR
43401	ZM_054_B1_B03	ZM_054_B1_B03_T7C	
43402	ZM_054_B1_B03		ZM_054_B1_B03_MR
43403	ZM_054_B1_B04	ZM_054_B1_B04_T7C	
43404	ZM_054_B1_B04		ZM_054_B1_B04_MR
43405	ZM_054_B1_B05		ZM_054_B1_B05_MR
43406	ZM_054_B1_B07	ZM_054_B1_B07_T7C	
43407	ZM_054_B1_B07		ZM_054_B1_B07_MR
43408	ZM_054_B1_B08	ZM_054_B1_B08_T7C	
43409	ZM_054_B1_B08		ZM_054_B1_B08_MR
43410	ZM_054_B1_B09	ZM_054_B1_B09_T7C	
43411	ZM_054_B1_B09		ZM_054_B1_B09_MR
43412	ZM_054_B1_B10	ZM_054_B1_B10_T7C	
43413	ZM_054_B1_B10		ZM_054_B1_B10_MR
43414	ZM_054_B1_B11	ZM_054_B1_B11_T7C	
43415	ZM_054_B1_B11		ZM_054_B1_B11_MR
43416	ZM_054_B1_B12	ZM_054_B1_B12_T7C	
43417	ZM_054_B1_B12		ZM_054_B1_B12_MR
43418	ZM_054_B1_C01	ZM_054_B1_C01_T7C	
43419	ZM_054_B1_C01		ZM_054_B1_C01_MR
43420	ZM_054_B1_C02	ZM_054_B1_C02_T7C	
43421	ZM_054_B1_C02		ZM_054_B1_C02_MR
43422	ZM_054_B1_C03	ZM_054_B1_C03_T7C	
43423	ZM_054_B1_C03		ZM_054_B1_C03_MR
43424	ZM_054_B1_C04		ZM_054_B1_C04_MR
43425	ZM_054_B1_C05		ZM_054_B1_C05_MR
43426	ZM_054_B1_C06	ZM_054_B1_C06_T7C	
43427	ZM_054_B1_C06		ZM_054_B1_C06_MR
43428	ZM_054_B1_C07		ZM_054_B1_C07_MR
43429	ZM_054_B1_C08	ZM_054_B1_C08_T7C	
43430	ZM_054_B1_C08		ZM_054_B1_C08_MR
43431	ZM_054_B1_C09	ZM_054_B1_C09_T7C	
43432	ZM_054_B1_C09		ZM_054_B1_C09_MR
43433	ZM_054_B1_C10	ZM_054_B1_C10_T7C	
43434	ZM_054_B1_C10		ZM_054_B1_C10_MR
43435	ZM_054_B1_C12	ZM_054_B1_C12_T7C	
43436	ZM_054_B1_C12		ZM_054_B1_C12_MR
43437	ZM_054_B1_D01	ZM_054_B1_D01_T7C	
43438	ZM_054_B1_D01		ZM_054_B1_D01_MR
43439	ZM_054_B1_D02	ZM_054_B1_D02_T7C	
43440	ZM_054_B1_D02		ZM_054_B1_D02_MR
43441	ZM_054_B1_D03	ZM_054_B1_D03_T7C	
43442	ZM_054_B1_D03		ZM_054_B1_D03_MR
43443	ZM_054_B1_D04	ZM_054_B1_D04_T7C	
43444	ZM_054_B1_D04		ZM_054_B1_D04_MR
43445	ZM_054_B1_D05	ZM_054_B1_D05_T7C	
43446	ZM_054_B1_D05		ZM_054_B1_D05_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43447	ZM_054_B1_D06		ZM_054_B1_D06_MR
43448	ZM_054_B1_D07	ZM_054_B1_D07_T7C	
43449	ZM_054_B1_D07		ZM_054_B1_D07_MR
43450	ZM_054_B1_D08	ZM_054_B1_D08_T7C	
43451	ZM_054_B1_D08		ZM_054_B1_D08_MR
43452	ZM_054_B1_D09	ZM_054_B1_D09_T7C	
43453	ZM_054_B1_D09		ZM_054_B1_D09_MR
43454	ZM_054_B1_D10	ZM_054_B1_D10_T7C	
43455	ZM_054_B1_D10		ZM_054_B1_D10_MR
43456	ZM_054_B1_D11	ZM_054_B1_D11_T7C	
43457	ZM_054_B1_D11		ZM_054_B1_D11_MR
43458	ZM_054_B1_E01	ZM_054_B1_E01_T7C	
43459	ZM_054_B1_E01		ZM_054_B1_E01_MR
43460	ZM_054_B1_E02	ZM_054_B1_E02_T7C	
43461	ZM_054_B1_E02		ZM_054_B1_E02_MR
43462	ZM_054_B1_E03	ZM_054_B1_E03_T7C	
43463	ZM_054_B1_E03		ZM_054_B1_E03_MR
43464	ZM_054_B1_E04	ZM_054_B1_E04_T7C	
43465	ZM_054_B1_E04		ZM_054_B1_E04_MR
43466	ZM_054_B1_E05	ZM_054_B1_E05_T7C	
43467	ZM_054_B1_E05		ZM_054_B1_E05_MR
43468	ZM_054_B1_E06	ZM_054_B1_E06_T7C	
43469	ZM_054_B1_E07	ZM_054_B1_E07_T7C	
43470	ZM_054_B1_E07		ZM_054_B1_E07_MR
43471	ZM_054_B1_E08	ZM_054_B1_E08_T7C	
43472	ZM_054_B1_E08		ZM_054_B1_E08_MR
43473	ZM_054_B1_E09		ZM_054_B1_E09_MR
43474	ZM_054_B1_E10	ZM_054_B1_E10_T7C	
43475	ZM_054_B1_E10		ZM_054_B1_E10_MR
43476	ZM_054_B1_E11		ZM_054_B1_E11_MR
43477	ZM_054_B1_E12	ZM_054_B1_E12_T7C	
43478	ZM_054_B1_E12		ZM_054_B1_E12_MR
43479	ZM_054_B1_F01	ZM_054_B1_F01_T7C	
43480	ZM_054_B1_F01		ZM_054_B1_F01_MR
43481	ZM_054_B1_F02	ZM_054_B1_F02_T7C	
43482	ZM_054_B1_F02		ZM_054_B1_F02_MR
43483	ZM_054_B1_F03	ZM_054_B1_F03_T7C	
43484	ZM_054_B1_F03		ZM_054_B1_F03_MR
43485	ZM_054_B1_F04	ZM_054_B1_F04_T7C	
43486	ZM_054_B1_F04		ZM_054_B1_F04_MR
43487	ZM_054_B1_F05	ZM_054_B1_F05_T7C	
43488	ZM_054_B1_F05		ZM_054_B1_F05_MR
43489	ZM_054_B1_F06	ZM_054_B1_F06_T7C	
43490	ZM_054_B1_F06		ZM_054_B1_F06_MR
43491	ZM_054_B1_F07	ZM_054_B1_F07_T7C	
43492	ZM_054_B1_F07		ZM_054_B1_F07_MR
43493	ZM_054_B1_F08	ZM_054_B1_F08_T7C	
43494	ZM_054_B1_F08		ZM_054_B1_F08_MR
43495	ZM_054_B1_F10	ZM_054_B1_F10_T7C	
43496	ZM_054_B1_F10		ZM_054_B1_F10_MR
43497	ZM_054_B1_F11	ZM_054_B1_F11_T7C	
43498	ZM_054_B1_F11		ZM_054_B1_F11_MR
43499	ZM_054_B1_F12	ZM_054_B1_F12_T7C	
43500	ZM_054_B1_F12		ZM_054_B1_F12_MR
43501	ZM_054_B1_G01	ZM_054_B1_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43502	ZM_054_B1_G01		ZM_054_B1_G01_MR
43503	ZM_054_B1_G02		ZM_054_B1_G02_MR
43504	ZM_054_B1_G03	ZM_054_B1_G03_T7C	
43505	ZM_054_B1_G03		ZM_054_B1_G03_MR
43506	ZM_054_B1_G04		ZM_054_B1_G04_MR
43507	ZM_054_B1_G05		ZM_054_B1_G05_MR
43508	ZM_054_B1_G06	ZM_054_B1_G06_T7C	
43509	ZM_054_B1_G06		ZM_054_B1_G06_MR
43510	ZM_054_B1_G07	ZM_054_B1_G07_T7C	
43511	ZM_054_B1_G07		ZM_054_B1_G07_MR
43512	ZM_054_B1_G09	ZM_054_B1_G09_T7C	
43513	ZM_054_B1_G09		ZM_054_B1_G09_MR
43514	ZM_054_B1_G10	ZM_054_B1_G10_T7C	
43515	ZM_054_B1_G10		ZM_054_B1_G10_MR
43516	ZM_054_B1_G11	ZM_054_B1_G11_T7C	
43517	ZM_054_B1_G11		ZM_054_B1_G11_MR
43518	ZM_054_B1_G12	ZM_054_B1_G12_T7C	
43519	ZM_054_B1_G12		ZM_054_B1_G12_MR
43520	ZM_054_B1_H01	ZM_054_B1_H01_T7C	
43521	ZM_054_B1_H01		ZM_054_B1_H01_MR
43522	ZM_054_B1_H03	ZM_054_B1_H03_T7C	
43523	ZM_054_B1_H03		ZM_054_B1_H03_MR
43524	ZM_054_B1_H04	ZM_054_B1_H04_T7C	
43525	ZM_054_B1_H04		ZM_054_B1_H04_MR
43526	ZM_054_B1_H05	ZM_054_B1_H05_T7C	
43527	ZM_054_B1_H05		ZM_054_B1_H05_MR
43528	ZM_054_B1_H06	ZM_054_B1_H06_T7C	
43529	ZM_054_B1_H06		ZM_054_B1_H06_MR
43530	ZM_054_B1_H07	ZM_054_B1_H07_T7C	
43531	ZM_054_B1_H07		ZM_054_B1_H07_MR
43532	ZM_054_B1_H08	ZM_054_B1_H08_T7C	
43533	ZM_054_B1_H08		ZM_054_B1_H08_MR
43534	ZM_054_B1_H09	ZM_054_B1_H09_T7C	
43535	ZM_054_B1_H09		ZM_054_B1_H09_MR
43536	ZM_054_B1_H10	ZM_054_B1_H10_T7C	
43537	ZM_054_B1_H11	ZM_054_B1_H11_T7C	
43538	ZM_054_B1_H11		ZM_054_B1_H11_MR
43539	ZM_054_B1_H12	ZM_054_B1_H12_T7C	
43540	ZM_054_B1_H12		ZM_054_B1_H12_MR
43541	ZM_054_B2_A01	ZM_054_B2_A01_T7C	
43542	ZM_054_B2_A01		ZM_054_B2_A01_MR
43543	ZM_054_B2_A02	ZM_054_B2_A02_T7C	
43544	ZM_054_B2_A02		ZM_054_B2_A02_MR
43545	ZM_054_B2_A03	ZM_054_B2_A03_T7C	
43546	ZM_054_B2_A03		ZM_054_B2_A03_MR
43547	ZM_054_B2_A04	ZM_054_B2_A04_T7C	
43548	ZM_054_B2_A04		ZM_054_B2_A04_MR
43549	ZM_054_B2_A06	ZM_054_B2_A06_T7C	
43550	ZM_054_B2_A08	ZM_054_B2_A08_T7C	
43551	ZM_054_B2_A08		ZM_054_B2_A08_MR
43552	ZM_054_B2_A09	ZM_054_B2_A09_T7C	
43553	ZM_054_B2_A09		ZM_054_B2_A09_MR
43554	ZM_054_B2_A10	ZM_054_B2_A10_T7C	
43555	ZM_054_B2_A10		ZM_054_B2_A10_MR
43556	ZM_054_B2_A11	ZM_054_B2_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43557	ZM_054_B2_A11		ZM_054_B2_A11_MR
43558	ZM_054_B2_A12	ZM_054_B2_A12_T7C	
43559	ZM_054_B2_A12		ZM_054_B2_A12_MR
43560	ZM_054_B2_B01	ZM_054_B2_B01_T7C	
43561	ZM_054_B2_B01		ZM_054_B2_B01_MR
43562	ZM_054_B2_B02	ZM_054_B2_B02_T7C	
43563	ZM_054_B2_B02		ZM_054_B2_B02_MR
43564	ZM_054_B2_B03	ZM_054_B2_B03_T7C	
43565	ZM_054_B2_B03		ZM_054_B2_B03_MR
43566	ZM_054_B2_B04	ZM_054_B2_B04_T7C	
43567	ZM_054_B2_B04		ZM_054_B2_B04_MR
43568	ZM_054_B2_B05		ZM_054_B2_B05_MR
43569	ZM_054_B2_B06	ZM_054_B2_B06_T7C	
43570	ZM_054_B2_B06		ZM_054_B2_B06_MR
43571	ZM_054_B2_B07	ZM_054_B2_B07_T7C	
43572	ZM_054_B2_B07		ZM_054_B2_B07_MR
43573	ZM_054_B2_B08	ZM_054_B2_B08_T7C	
43574	ZM_054_B2_B08		ZM_054_B2_B08_MR
43575	ZM_054_B2_B09	ZM_054_B2_B09_T7C	
43576	ZM_054_B2_B09		ZM_054_B2_B09_MR
43577	ZM_054_B2_B10	ZM_054_B2_B10_T7C	
43578	ZM_054_B2_B10		ZM_054_B2_B10_MR
43579	ZM_054_B2_B11	ZM_054_B2_B11_T7C	
43580	ZM_054_B2_B11		ZM_054_B2_B11_MR
43581	ZM_054_B2_B12	ZM_054_B2_B12_T7C	
43582	ZM_054_B2_B12		ZM_054_B2_B12_MR
43583	ZM_054_B2_C01	ZM_054_B2_C01_T7C	
43584	ZM_054_B2_C01		ZM_054_B2_C01_MR
43585	ZM_054_B2_C02	ZM_054_B2_C02_T7C	
43586	ZM_054_B2_C02		ZM_054_B2_C02_MR
43587	ZM_054_B2_C03	ZM_054_B2_C03_T7C	
43588	ZM_054_B2_C03		ZM_054_B2_C03_MR
43589	ZM_054_B2_C04	ZM_054_B2_C04_T7C	
43590	ZM_054_B2_C04		ZM_054_B2_C04_MR
43591	ZM_054_B2_C05	ZM_054_B2_C05_T7C	
43592	ZM_054_B2_C05		ZM_054_B2_C05_MR
43593	ZM_054_B2_C06	ZM_054_B2_C06_T7C	
43594	ZM_054_B2_C07		ZM_054_B2_C07_MR
43595	ZM_054_B2_C08	ZM_054_B2_C08_T7C	
43596	ZM_054_B2_C08		ZM_054_B2_C08_MR
43597	ZM_054_B2_C09	ZM_054_B2_C09_T7C	
43598	ZM_054_B2_C09		ZM_054_B2_C09_MR
43599	ZM_054_B2_C10	ZM_054_B2_C10_T7C	
43600	ZM_054_B2_C10		ZM_054_B2_C10_MR
43601	ZM_054_B2_C11	ZM_054_B2_C11_T7C	
43602	ZM_054_B2_C11		ZM_054_B2_C11_MR
43603	ZM_054_B2_C12	ZM_054_B2_C12_T7C	
43604	ZM_054_B2_C12		ZM_054_B2_C12_MR
43605	ZM_054_B2_D01	ZM_054_B2_D01_T7C	
43606	ZM_054_B2_D01		ZM_054_B2_D01_MR
43607	ZM_054_B2_D03	ZM_054_B2_D03_T7C	
43608	ZM_054_B2_D03		ZM_054_B2_D03_MR
43609	ZM_054_B2_D04	ZM_054_B2_D04_T7C	
43610	ZM_054_B2_D04		ZM_054_B2_D04_MR
43611	ZM_054_B2_D05	ZM_054_B2_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43612	ZM_054_B2_D05		ZM_054_B2_D05_MR
43613	ZM_054_B2_D06	ZM_054_B2_D06_T7C	
43614	ZM_054_B2_D06		ZM_054_B2_D06_MR
43615	ZM_054_B2_D07	ZM_054_B2_D07_T7C	
43616	ZM_054_B2_D07		ZM_054_B2_D07_MR
43617	ZM_054_B2_D08	ZM_054_B2_D08_T7C	
43618	ZM_054_B2_D08		ZM_054_B2_D08_MR
43619	ZM_054_B2_D09	ZM_054_B2_D09_T7C	
43620	ZM_054_B2_D09		ZM_054_B2_D09_MR
43621	ZM_054_B2_D10	ZM_054_B2_D10_T7C	
43622	ZM_054_B2_D10		ZM_054_B2_D10_MR
43623	ZM_054_B2_D11	ZM_054_B2_D11_T7C	
43624	ZM_054_B2_D11		ZM_054_B2_D11_MR
43625	ZM_054_B2_D12	ZM_054_B2_D12_T7C	
43626	ZM_054_B2_D12		ZM_054_B2_D12_MR
43627	ZM_054_B2_E01	ZM_054_B2_E01_T7C	
43628	ZM_054_B2_E01		ZM_054_B2_E01_MR
43629	ZM_054_B2_E02	ZM_054_B2_E02_T7C	
43630	ZM_054_B2_E02		ZM_054_B2_E02_MR
43631	ZM_054_B2_E03	ZM_054_B2_E03_T7C	
43632	ZM_054_B2_E03		ZM_054_B2_E03_MR
43633	ZM_054_B2_E04	ZM_054_B2_E04_T7C	
43634	ZM_054_B2_E05	ZM_054_B2_E05_T7C	
43635	ZM_054_B2_E06	ZM_054_B2_E06_T7C	
43636	ZM_054_B2_E07	ZM_054_B2_E07_T7C	
43637	ZM_054_B2_E07		ZM_054_B2_E07_MR
43638	ZM_054_B2_E08		ZM_054_B2_E08_MR
43639	ZM_054_B2_E09	ZM_054_B2_E09_T7C	
43640	ZM_054_B2_E09		ZM_054_B2_E09_MR
43641	ZM_054_B2_E10	ZM_054_B2_E10_T7C	
43642	ZM_054_B2_E10		ZM_054_B2_E10_MR
43643	ZM_054_B2_E11	ZM_054_B2_E11_T7C	
43644	ZM_054_B2_E11		ZM_054_B2_E11_MR
43645	ZM_054_B2_E12	ZM_054_B2_E12_T7C	
43646	ZM_054_B2_F01	ZM_054_B2_F01_T7C	
43647	ZM_054_B2_F01		ZM_054_B2_F01_MR
43648	ZM_054_B2_F02	ZM_054_B2_F02_T7C	
43649	ZM_054_B2_F02		ZM_054_B2_F02_MR
43650	ZM_054_B2_F03	ZM_054_B2_F03_T7C	
43651	ZM_054_B2_F03		ZM_054_B2_F03_MR
43652	ZM_054_B2_F04	ZM_054_B2_F04_T7C	
43653	ZM_054_B2_F05	ZM_054_B2_F05_T7C	
43654	ZM_054_B2_F06	ZM_054_B2_F06_T7C	
43655	ZM_054_B2_F06		ZM_054_B2_F06_MR
43656	ZM_054_B2_F07	ZM_054_B2_F07_T7C	
43657	ZM_054_B2_F07		ZM_054_B2_F07_MR
43658	ZM_054_B2_F08	ZM_054_B2_F08_T7C	
43659	ZM_054_B2_F08		ZM_054_B2_F08_MR
43660	ZM_054_B2_F09	ZM_054_B2_F09_T7C	
43661	ZM_054_B2_F09		ZM_054_B2_F09_MR
43662	ZM_054_B2_F10	ZM_054_B2_F10_T7C	
43663	ZM_054_B2_F10		ZM_054_B2_F10_MR
43664	ZM_054_B2_F11	ZM_054_B2_F11_T7C	
43665	ZM_054_B2_F11		ZM_054_B2_F11_MR
43666	ZM_054_B2_F12	ZM_054_B2_F12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43667	ZM_054_B2_F12		ZM_054_B2_F12_MR
43668	ZM_054_B2_G01	ZM_054_B2_G01_T7C	
43669	ZM_054_B2_G01		ZM_054_B2_G01_MR
43670	ZM_054_B2_G03		ZM_054_B2_G03_MR
43671	ZM_054_B2_G04	ZM_054_B2_G04_T7C	
43672	ZM_054_B2_G04		ZM_054_B2_G04_MR
43673	ZM_054_B2_G05	ZM_054_B2_G05_T7C	
43674	ZM_054_B2_G05		ZM_054_B2_G05_MR
43675	ZM_054_B2_G06	ZM_054_B2_G06_T7C	
43676	ZM_054_B2_G07	ZM_054_B2_G07_T7C	
43677	ZM_054_B2_G07		ZM_054_B2_G07_MR
43678	ZM_054_B2_G08	ZM_054_B2_G08_T7C	
43679	ZM_054_B2_G08		ZM_054_B2_G08_MR
43680	ZM_054_B2_G09	ZM_054_B2_G09_T7C	
43681	ZM_054_B2_G09		ZM_054_B2_G09_MR
43682	ZM_054_B2_G10	ZM_054_B2_G10_T7C	
43683	ZM_054_B2_G10		ZM_054_B2_G10_MR
43684	ZM_054_B2_G12	ZM_054_B2_G12_T7C	
43685	ZM_054_B2_H02	ZM_054_B2_H02_T7C	
43686	ZM_054_B2_H02		ZM_054_B2_H02_MR
43687	ZM_054_B2_H03	ZM_054_B2_H03_T7C	
43688	ZM_054_B2_H03		ZM_054_B2_H03_MR
43689	ZM_054_B2_H04	ZM_054_B2_H04_T7C	
43690	ZM_054_B2_H04		ZM_054_B2_H04_MR
43691	ZM_054_B2_H05	ZM_054_B2_H05_T7C	
43692	ZM_054_B2_H05		ZM_054_B2_H05_MR
43693	ZM_054_B2_H06	ZM_054_B2_H06_T7C	
43694	ZM_054_B2_H06		ZM_054_B2_H06_MR
43695	ZM_054_B2_H07	ZM_054_B2_H07_T7C	
43696	ZM_054_B2_H07		ZM_054_B2_H07_MR
43697	ZM_054_B2_H08	ZM_054_B2_H08_T7C	
43698	ZM_054_B2_H08		ZM_054_B2_H08_MR
43699	ZM_054_B2_H09	ZM_054_B2_H09_T7C	
43700	ZM_054_B2_H09		ZM_054_B2_H09_MR
43701	ZM_054_B2_H10	ZM_054_B2_H10_T7C	
43702	ZM_054_B2_H11	ZM_054_B2_H11_T7C	
43703	ZM_054_B2_H11		ZM_054_B2_H11_MR
43704	ZM_054_B2_H12	ZM_054_B2_H12_T7C	
43705	ZM_054_B2_H12		ZM_054_B2_H12_MR
43706	ZM_055_A1_A01	ZM_055_A1_A01_T7C	
43707	ZM_055_A1_A04	ZM_055_A1_A04_T7C	
43708	ZM_055_A1_A05	ZM_055_A1_A05_T7C	
43709	ZM_055_A1_A10	ZM_055_A1_A10_T7C	
43710	ZM_055_A1_A12	ZM_055_A1_A12_T7C	
43711	ZM_055_A1_B05	ZM_055_A1_B05_T7C	
43712	ZM_055_A1_B09	ZM_055_A1_B09_T7C	
43713	ZM_055_A1_C01	ZM_055_A1_C01_T7C	
43714	ZM_055_A1_C02	ZM_055_A1_C02_T7C	
43715	ZM_055_A1_C07	ZM_055_A1_C07_T7C	
43716	ZM_055_A1_C12	ZM_055_A1_C12_T7C	
43717	ZM_055_A1_D02	ZM_055_A1_D02_T7C	
43718	ZM_055_A1_D03	ZM_055_A1_D03_T7C	
43719	ZM_055_A1_D04	ZM_055_A1_D04_T7C	
43720	ZM_055_A1_D05	ZM_055_A1_D05_T7C	
43721	ZM_055_A1_D06	ZM_055_A1_D06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43722	ZM_055_A1_D09	ZM_055_A1_D09_T7C	
43723	ZM_055_A1_D10	ZM_055_A1_D10_T7C	
43724	ZM_055_A1_D12	ZM_055_A1_D12_T7C	
43725	ZM_055_A1_E01	ZM_055_A1_E01_T7C	
43726	ZM_055_A1_E02	ZM_055_A1_E02_T7C	
43727	ZM_055_A1_E06	ZM_055_A1_E06_T7C	
43728	ZM_055_A1_E07	ZM_055_A1_E07_T7C	
43729	ZM_055_A1_E11	ZM_055_A1_E11_T7C	
43730	ZM_055_A1_E12	ZM_055_A1_E12_T7C	
43731	ZM_055_A1_F01	ZM_055_A1_F01_T7C	
43732	ZM_055_A1_F04	ZM_055_A1_F04_T7C	
43733	ZM_055_A1_F07	ZM_055_A1_F07_T7C	
43734	ZM_055_A1_F10	ZM_055_A1_F10_T7C	
43735	ZM_055_A1_F11	ZM_055_A1_F11_T7C	
43736	ZM_055_A1_F12	ZM_055_A1_F12_T7C	
43737	ZM_055_A1_G02	ZM_055_A1_G02_T7C	
43738	ZM_055_A1_G03	ZM_055_A1_G03_T7C	
43739	ZM_055_A1_G07	ZM_055_A1_G07_T7C	
43740	ZM_055_A1_G09	ZM_055_A1_G09_T7C	
43741	ZM_055_A1_G12	ZM_055_A1_G12_T7C	
43742	ZM_055_A1_H02	ZM_055_A1_H02_T7C	
43743	ZM_055_A1_H06	ZM_055_A1_H06_T7C	
43744	ZM_055_A1_H07	ZM_055_A1_H07_T7C	
43745	ZM_055_A1_H09	ZM_055_A1_H09_T7C	
43746	ZM_055_A1_H10	ZM_055_A1_H10_T7C	
43747	ZM_055_A1_H12	ZM_055_A1_H12_T7C	
43748	ZM_055_A2_A01		ZM_055_A2_A01_MR
43749	ZM_055_A2_A02		ZM_055_A2_A02_MR
43750	ZM_055_A2_A03		ZM_055_A2_A03_MR
43751	ZM_055_A2_A04		ZM_055_A2_A04_MR
43752	ZM_055_A2_A05		ZM_055_A2_A05_MR
43753	ZM_055_A2_A06		ZM_055_A2_A06_MR
43754	ZM_055_A2_A07		ZM_055_A2_A07_MR
43755	ZM_055_A2_A08		ZM_055_A2_A08_MR
43756	ZM_055_A2_A09		ZM_055_A2_A09_MR
43757	ZM_055_A2_A10		ZM_055_A2_A10_MR
43758	ZM_055_A2_A11		ZM_055_A2_A11_MR
43759	ZM_055_A2_A12		ZM_055_A2_A12_MR
43760	ZM_055_A2_B01		ZM_055_A2_B01_MR
43761	ZM_055_A2_B02		ZM_055_A2_B02_MR
43762	ZM_055_A2_B04		ZM_055_A2_B04_MR
43763	ZM_055_A2_B05		ZM_055_A2_B05_MR
43764	ZM_055_A2_B06		ZM_055_A2_B06_MR
43765	ZM_055_A2_B07		ZM_055_A2_B07_MR
43766	ZM_055_A2_B08		ZM_055_A2_B08_MR
43767	ZM_055_A2_B09		ZM_055_A2_B09_MR
43768	ZM_055_A2_B10		ZM_055_A2_B10_MR
43769	ZM_055_A2_B11		ZM_055_A2_B11_MR
43770	ZM_055_A2_C01		ZM_055_A2_C01_MR
43771	ZM_055_A2_C02		ZM_055_A2_C02_MR
43772	ZM_055_A2_C03		ZM_055_A2_C03_MR
43773	ZM_055_A2_C04		ZM_055_A2_C04_MR
43774	ZM_055_A2_C06		ZM_055_A2_C06_MR
43775	ZM_055_A2_C07		ZM_055_A2_C07_MR
43776	ZM_055_A2_C08		ZM_055_A2_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43777	ZM_055_A2_C09		ZM_055_A2_C09_MR
43778	ZM_055_A2_C10		ZM_055_A2_C10_MR
43779	ZM_055_A2_C11		ZM_055_A2_C11_MR
43780	ZM_055_A2_C12		ZM_055_A2_C12_MR
43781	ZM_055_A2_D01		ZM_055_A2_D01_MR
43782	ZM_055_A2_D02		ZM_055_A2_D02_MR
43783	ZM_055_A2_D03		ZM_055_A2_D03_MR
43784	ZM_055_A2_D04		ZM_055_A2_D04_MR
43785	ZM_055_A2_D05		ZM_055_A2_D05_MR
43786	ZM_055_A2_D06		ZM_055_A2_D06_MR
43787	ZM_055_A2_D07		ZM_055_A2_D07_MR
43788	ZM_055_A2_D08		ZM_055_A2_D08_MR
43789	ZM_055_A2_D10		ZM_055_A2_D10_MR
43790	ZM_055_A2_D11		ZM_055_A2_D11_MR
43791	ZM_055_A2_D12		ZM_055_A2_D12_MR
43792	ZM_055_A2_E01		ZM_055_A2_E01_MR
43793	ZM_055_A2_E02		ZM_055_A2_E02_MR
43794	ZM_055_A2_E03		ZM_055_A2_E03_MR
43795	ZM_055_A2_E04		ZM_055_A2_E04_MR
43796	ZM_055_A2_E05		ZM_055_A2_E05_MR
43797	ZM_055_A2_E06		ZM_055_A2_E06_MR
43798	ZM_055_A2_E07		ZM_055_A2_E07_MR
43799	ZM_055_A2_E09		ZM_055_A2_E09_MR
43800	ZM_055_A2_E10		ZM_055_A2_E10_MR
43801	ZM_055_A2_E11		ZM_055_A2_E11_MR
43802	ZM_055_A2_E12		ZM_055_A2_E12_MR
43803	ZM_055_A2_F01		ZM_055_A2_F01_MR
43804	ZM_055_A2_F03		ZM_055_A2_F03_MR
43805	ZM_055_A2_F04		ZM_055_A2_F04_MR
43806	ZM_055_A2_F05		ZM_055_A2_F05_MR
43807	ZM_055_A2_F07		ZM_055_A2_F07_MR
43808	ZM_055_A2_F08		ZM_055_A2_F08_MR
43809	ZM_055_A2_F09		ZM_055_A2_F09_MR
43810	ZM_055_A2_F10		ZM_055_A2_F10_MR
43811	ZM_055_A2_F11		ZM_055_A2_F11_MR
43812	ZM_055_A2_G02		ZM_055_A2_G02_MR
43813	ZM_055_A2_G03		ZM_055_A2_G03_MR
43814	ZM_055_A2_G04		ZM_055_A2_G04_MR
43815	ZM_055_A2_G05		ZM_055_A2_G05_MR
43816	ZM_055_A2_G06		ZM_055_A2_G06_MR
43817	ZM_055_A2_G07		ZM_055_A2_G07_MR
43818	ZM_055_A2_G09		ZM_055_A2_G09_MR
43819	ZM_055_A2_G10		ZM_055_A2_G10_MR
43820	ZM_055_A2_G11		ZM_055_A2_G11_MR
43821	ZM_055_A2_G12		ZM_055_A2_G12_MR
43822	ZM_055_A2_H01		ZM_055_A2_H01_MR
43823	ZM_055_A2_H02		ZM_055_A2_H02_MR
43824	ZM_055_A2_H03		ZM_055_A2_H03_MR
43825	ZM_055_A2_H04		ZM_055_A2_H04_MR
43826	ZM_055_A2_H05		ZM_055_A2_H05_MR
43827	ZM_055_A2_H06		ZM_055_A2_H06_MR
43828	ZM_055_A2_H07		ZM_055_A2_H07_MR
43829	ZM_055_A2_H08		ZM_055_A2_H08_MR
43830	ZM_055_A2_H09		ZM_055_A2_H09_MR
43831	ZM_055_A2_H11		ZM_055_A2_H11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43832	ZM_055_A2_H12		ZM_055_A2_H12_MR
43833	ZM_055_B1_A01	ZM_055_B1_A01_T7C	
43834	ZM_055_B1_A01		ZM_055_B1_A01_MR
43835	ZM_055_B1_A02	ZM_055_B1_A02_T7C	
43836	ZM_055_B1_A02		ZM_055_B1_A02_MR
43837	ZM_055_B1_A03	ZM_055_B1_A03_T7C	
43838	ZM_055_B1_A03		ZM_055_B1_A03_MR
43839	ZM_055_B1_A04	ZM_055_B1_A04_T7C	
43840	ZM_055_B1_A04		ZM_055_B1_A04_MR
43841	ZM_055_B1_A05	ZM_055_B1_A05_T7C	
43842	ZM_055_B1_A05		ZM_055_B1_A05_MR
43843	ZM_055_B1_A06	ZM_055_B1_A06_T7C	
43844	ZM_055_B1_A06		ZM_055_B1_A06_MR
43845	ZM_055_B1_A07	ZM_055_B1_A07_T7C	
43846	ZM_055_B1_A07		ZM_055_B1_A07_MR
43847	ZM_055_B1_A08	ZM_055_B1_A08_T7C	
43848	ZM_055_B1_A08		ZM_055_B1_A08_MR
43849	ZM_055_B1_A09	ZM_055_B1_A09_T7C	
43850	ZM_055_B1_A09		ZM_055_B1_A09_MR
43851	ZM_055_B1_A10	ZM_055_B1_A10_T7C	
43852	ZM_055_B1_A11	ZM_055_B1_A11_T7C	
43853	ZM_055_B1_A11		ZM_055_B1_A11_MR
43854	ZM_055_B1_A12	ZM_055_B1_A12_T7C	
43855	ZM_055_B1_A12		ZM_055_B1_A12_MR
43856	ZM_055_B1_B01	ZM_055_B1_B01_T7C	
43857	ZM_055_B1_B01		ZM_055_B1_B01_MR
43858	ZM_055_B1_B02	ZM_055_B1_B02_T7C	
43859	ZM_055_B1_B02		ZM_055_B1_B02_MR
43860	ZM_055_B1_B03	ZM_055_B1_B03_T7C	
43861	ZM_055_B1_B03		ZM_055_B1_B03_MR
43862	ZM_055_B1_B04	ZM_055_B1_B04_T7C	
43863	ZM_055_B1_B04		ZM_055_B1_B04_MR
43864	ZM_055_B1_B05	ZM_055_B1_B05_T7C	
43865	ZM_055_B1_B07	ZM_055_B1_B07_T7C	
43866	ZM_055_B1_B07		ZM_055_B1_B07_MR
43867	ZM_055_B1_B08	ZM_055_B1_B08_T7C	
43868	ZM_055_B1_B08		ZM_055_B1_B08_MR
43869	ZM_055_B1_B09	ZM_055_B1_B09_T7C	
43870	ZM_055_B1_B09		ZM_055_B1_B09_MR
43871	ZM_055_B1_B10	ZM_055_B1_B10_T7C	
43872	ZM_055_B1_B10		ZM_055_B1_B10_MR
43873	ZM_055_B1_B11	ZM_055_B1_B11_T7C	
43874	ZM_055_B1_B11		ZM_055_B1_B11_MR
43875	ZM_055_B1_B12	ZM_055_B1_B12_T7C	
43876	ZM_055_B1_B12		ZM_055_B1_B12_MR
43877	ZM_055_B1_C01	ZM_055_B1_C01_T7C	
43878	ZM_055_B1_C01		ZM_055_B1_C01_MR
43879	ZM_055_B1_C02	ZM_055_B1_C02_T7C	
43880	ZM_055_B1_C02		ZM_055_B1_C02_MR
43881	ZM_055_B1_C03	ZM_055_B1_C03_T7C	
43882	ZM_055_B1_C03		ZM_055_B1_C03_MR
43883	ZM_055_B1_C04	ZM_055_B1_C04_T7C	
43884	ZM_055_B1_C04		ZM_055_B1_C04_MR
43885	ZM_055_B1_C05	ZM_055_B1_C05_T7C	
43886	ZM_055_B1_C05		ZM_055_B1_C05_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43887	ZM_055_B1_C06	ZM_055_B1_C06_T7C	
43888	ZM_055_B1_C06		ZM_055_B1_C06_MR
43889	ZM_055_B1_C07	ZM_055_B1_C07_T7C	
43890	ZM_055_B1_C07		ZM_055_B1_C07_MR
43891	ZM_055_B1_C08	ZM_055_B1_C08_T7C	
43892	ZM_055_B1_C08		ZM_055_B1_C08_MR
43893	ZM_055_B1_C09	ZM_055_B1_C09_T7C	
43894	ZM_055_B1_C09		ZM_055_B1_C09_MR
43895	ZM_055_B1_C10	ZM_055_B1_C10_T7C	
43896	ZM_055_B1_C10		ZM_055_B1_C10_MR
43897	ZM_055_B1_C11	ZM_055_B1_C11_T7C	
43898	ZM_055_B1_C11		ZM_055_B1_C11_MR
43899	ZM_055_B1_C12	ZM_055_B1_C12_T7C	
43900	ZM_055_B1_C12		ZM_055_B1_C12_MR
43901	ZM_055_B1_D02	ZM_055_B1_D02_T7C	
43902	ZM_055_B1_D02		ZM_055_B1_D02_MR
43903	ZM_055_B1_D04	ZM_055_B1_D04_T7C	
43904	ZM_055_B1_D04		ZM_055_B1_D04_MR
43905	ZM_055_B1_D05	ZM_055_B1_D05_T7C	
43906	ZM_055_B1_D06	ZM_055_B1_D06_T7C	
43907	ZM_055_B1_D06		ZM_055_B1_D06_MR
43908	ZM_055_B1_D07	ZM_055_B1_D07_T7C	
43909	ZM_055_B1_D07		ZM_055_B1_D07_MR
43910	ZM_055_B1_D08	ZM_055_B1_D08_T7C	
43911	ZM_055_B1_D08		ZM_055_B1_D08_MR
43912	ZM_055_B1_D09	ZM_055_B1_D09_T7C	
43913	ZM_055_B1_D09		ZM_055_B1_D09_MR
43914	ZM_055_B1_D10	ZM_055_B1_D10_T7C	
43915	ZM_055_B1_D10		ZM_055_B1_D10_MR
43916	ZM_055_B1_D11		ZM_055_B1_D11_MR
43917	ZM_055_B1_D12	ZM_055_B1_D12_T7C	
43918	ZM_055_B1_D12		ZM_055_B1_D12_MR
43919	ZM_055_B1_E01	ZM_055_B1_E01_T7C	
43920	ZM_055_B1_E01		ZM_055_B1_E01_MR
43921	ZM_055_B1_E02	ZM_055_B1_E02_T7C	
43922	ZM_055_B1_E02		ZM_055_B1_E02_MR
43923	ZM_055_B1_E03	ZM_055_B1_E03_T7C	
43924	ZM_055_B1_E03		ZM_055_B1_E03_MR
43925	ZM_055_B1_E04	ZM_055_B1_E04_T7C	
43926	ZM_055_B1_E04		ZM_055_B1_E04_MR
43927	ZM_055_B1_E05		ZM_055_B1_E05_MR
43928	ZM_055_B1_E06	ZM_055_B1_E06_T7C	
43929	ZM_055_B1_E07	ZM_055_B1_E07_T7C	
43930	ZM_055_B1_E07		ZM_055_B1_E07_MR
43931	ZM_055_B1_E08	ZM_055_B1_E08_T7C	
43932	ZM_055_B1_E08		ZM_055_B1_E08_MR
43933	ZM_055_B1_E09	ZM_055_B1_E09_T7C	
43934	ZM_055_B1_E09		ZM_055_B1_E09_MR
43935	ZM_055_B1_E10	ZM_055_B1_E10_T7C	
43936	ZM_055_B1_E10		ZM_055_B1_E10_MR
43937	ZM_055_B1_E12	ZM_055_B1_E12_T7C	
43938	ZM_055_B1_E12		ZM_055_B1_E12_MR
43939	ZM_055_B1_F01	ZM_055_B1_F01_T7C	
43940	ZM_055_B1_F01		ZM_055_B1_F01_MR
43941	ZM_055_B1_F02	ZM_055_B1_F02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43942	ZM_055_B1_F02		ZM_055_B1_F02_MR
43943	ZM_055_B1_F03	ZM_055_B1_F03_T7C	
43944	ZM_055_B1_F03		ZM_055_B1_F03_MR
43945	ZM_055_B1_F04	ZM_055_B1_F04_T7C	
43946	ZM_055_B1_F04		ZM_055_B1_F04_MR
43947	ZM_055_B1_F05	ZM_055_B1_F05_T7C	
43948	ZM_055_B1_F05		ZM_055_B1_F05_MR
43949	ZM_055_B1_F06	ZM_055_B1_F06_T7C	
43950	ZM_055_B1_F06		ZM_055_B1_F06_MR
43951	ZM_055_B1_F07	ZM_055_B1_F07_T7C	
43952	ZM_055_B1_F07		ZM_055_B1_F07_MR
43953	ZM_055_B1_F08	ZM_055_B1_F08_T7C	
43954	ZM_055_B1_F08		ZM_055_B1_F08_MR
43955	ZM_055_B1_F09	ZM_055_B1_F09_T7C	
43956	ZM_055_B1_F09		ZM_055_B1_F09_MR
43957	ZM_055_B1_F10	ZM_055_B1_F10_T7C	
43958	ZM_055_B1_F10		ZM_055_B1_F10_MR
43959	ZM_055_B1_F11	ZM_055_B1_F11_T7C	
43960	ZM_055_B1_F11		ZM_055_B1_F11_MR
43961	ZM_055_B1_F12	ZM_055_B1_F12_T7C	
43962	ZM_055_B1_F12		ZM_055_B1_F12_MR
43963	ZM_055_B1_G01	ZM_055_B1_G01_T7C	
43964	ZM_055_B1_G01		ZM_055_B1_G01_MR
43965	ZM_055_B1_G02	ZM_055_B1_G02_T7C	
43966	ZM_055_B1_G02		ZM_055_B1_G02_MR
43967	ZM_055_B1_G03	ZM_055_B1_G03_T7C	
43968	ZM_055_B1_G04	ZM_055_B1_G04_T7C	
43969	ZM_055_B1_G04		ZM_055_B1_G04_MR
43970	ZM_055_B1_G05	ZM_055_B1_G05_T7C	
43971	ZM_055_B1_G05		ZM_055_B1_G05_MR
43972	ZM_055_B1_G06		ZM_055_B1_G06_MR
43973	ZM_055_B1_G07	ZM_055_B1_G07_T7C	
43974	ZM_055_B1_G07		ZM_055_B1_G07_MR
43975	ZM_055_B1_G08	ZM_055_B1_G08_T7C	
43976	ZM_055_B1_G08		ZM_055_B1_G08_MR
43977	ZM_055_B1_G09	ZM_055_B1_G09_T7C	
43978	ZM_055_B1_G09		ZM_055_B1_G09_MR
43979	ZM_055_B1_G10	ZM_055_B1_G10_T7C	
43980	ZM_055_B1_G10		ZM_055_B1_G10_MR
43981	ZM_055_B1_G11	ZM_055_B1_G11_T7C	
43982	ZM_055_B1_G11		ZM_055_B1_G11_MR
43983	ZM_055_B1_G12	ZM_055_B1_G12_T7C	
43984	ZM_055_B1_G12		ZM_055_B1_G12_MR
43985	ZM_055_B1_H01	ZM_055_B1_H01_T7C	
43986	ZM_055_B1_H01		ZM_055_B1_H01_MR
43987	ZM_055_B1_H02	ZM_055_B1_H02_T7C	
43988	ZM_055_B1_H02		ZM_055_B1_H02_MR
43989	ZM_055_B1_H03	ZM_055_B1_H03_T7C	
43990	ZM_055_B1_H03		ZM_055_B1_H03_MR
43991	ZM_055_B1_H04	ZM_055_B1_H04_T7C	
43992	ZM_055_B1_H04		ZM_055_B1_H04_MR
43993	ZM_055_B1_H05	ZM_055_B1_H05_T7C	
43994	ZM_055_B1_H05		ZM_055_B1_H05_MR
43995	ZM_055_B1_H06	ZM_055_B1_H06_T7C	
43996	ZM_055_B1_H06		ZM_055_B1_H06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
43997	ZM_055_B1_H07	ZM_055_B1_H07_T7C	
43998	ZM_055_B1_H08	ZM_055_B1_H08_T7C	
43999	ZM_055_B1_H08		ZM_055_B1_H08_MR
44000	ZM_055_B1_H09	ZM_055_B1_H09_T7C	
44001	ZM_055_B1_H09		ZM_055_B1_H09_MR
44002	ZM_055_B1_H10	ZM_055_B1_H10_T7C	
44003	ZM_055_B1_H10		ZM_055_B1_H10_MR
44004	ZM_055_B1_H11	ZM_055_B1_H11_T7C	
44005	ZM_055_B1_H11		ZM_055_B1_H11_MR
44006	ZM_055_B1_H12	ZM_055_B1_H12_T7C	
44007	ZM_055_B1_H12		ZM_055_B1_H12_MR
44008	ZM_055_B2_A01	ZM_055_B2_A01_T7C	
44009	ZM_055_B2_A02	ZM_055_B2_A02_T7C	
44010	ZM_055_B2_A03	ZM_055_B2_A03_T7C	
44011	ZM_055_B2_A04	ZM_055_B2_A04_T7C	
44012	ZM_055_B2_A05	ZM_055_B2_A05_T7C	
44013	ZM_055_B2_A07	ZM_055_B2_A07_T7C	
44014	ZM_055_B2_A07		ZM_055_B2_A07_MR
44015	ZM_055_B2_A08	ZM_055_B2_A08_T7C	
44016	ZM_055_B2_A08		ZM_055_B2_A08_MR
44017	ZM_055_B2_A09	ZM_055_B2_A09_T7C	
44018	ZM_055_B2_A10	ZM_055_B2_A10_T7C	
44019	ZM_055_B2_A11	ZM_055_B2_A11_T7C	
44020	ZM_055_B2_A12	ZM_055_B2_A12_T7C	
44021	ZM_055_B2_A12		ZM_055_B2_A12_MR
44022	ZM_055_B2_B01	ZM_055_B2_B01_T7C	
44023	ZM_055_B2_B02	ZM_055_B2_B02_T7C	
44024	ZM_055_B2_B02		ZM_055_B2_B02_MR
44025	ZM_055_B2_B04	ZM_055_B2_B04_T7C	
44026	ZM_055_B2_B05	ZM_055_B2_B05_T7C	
44027	ZM_055_B2_B05		ZM_055_B2_B05_MR
44028	ZM_055_B2_B06		ZM_055_B2_B06_MR
44029	ZM_055_B2_B07	ZM_055_B2_B07_T7C	
44030	ZM_055_B2_B07		ZM_055_B2_B07_MR
44031	ZM_055_B2_B08		ZM_055_B2_B08_MR
44032	ZM_055_B2_B09	ZM_055_B2_B09_T7C	
44033	ZM_055_B2_B10	ZM_055_B2_B10_T7C	
44034	ZM_055_B2_B10		ZM_055_B2_B10_MR
44035	ZM_055_B2_B11	ZM_055_B2_B11_T7C	
44036	ZM_055_B2_B12		ZM_055_B2_B12_MR
44037	ZM_055_B2_C01		ZM_055_B2_C01_MR
44038	ZM_055_B2_C02	ZM_055_B2_C02_T7C	
44039	ZM_055_B2_C02		ZM_055_B2_C02_MR
44040	ZM_055_B2_C03	ZM_055_B2_C03_T7C	
44041	ZM_055_B2_C04	ZM_055_B2_C04_T7C	
44042	ZM_055_B2_C05	ZM_055_B2_C05_T7C	
44043	ZM_055_B2_C05		ZM_055_B2_C05_MR
44044	ZM_055_B2_C06	ZM_055_B2_C06_T7C	
44045	ZM_055_B2_C07		ZM_055_B2_C07_MR
44046	ZM_055_B2_C08	ZM_055_B2_C08_T7C	
44047	ZM_055_B2_C08		ZM_055_B2_C08_MR
44048	ZM_055_B2_C09	ZM_055_B2_C09_T7C	
44049	ZM_055_B2_C10	ZM_055_B2_C10_T7C	
44050	ZM_055_B2_C10		ZM_055_B2_C10_MR
44051	ZM_055_B2_C11	ZM_055_B2_C11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44052	ZM_055_B2_C11		ZM_055_B2_C11_MR
44053	ZM_055_B2_C12	ZM_055_B2_C12_T7C	
44054	ZM_055_B2_D01	ZM_055_B2_D01_T7C	
44055	ZM_055_B2_D01		ZM_055_B2_D01_MR
44056	ZM_055_B2_D02	ZM_055_B2_D02_T7C	
44057	ZM_055_B2_D02		ZM_055_B2_D02_MR
44058	ZM_055_B2_D03	ZM_055_B2_D03_T7C	
44059	ZM_055_B2_D03		ZM_055_B2_D03_MR
44060	ZM_055_B2_D04	ZM_055_B2_D04_T7C	
44061	ZM_055_B2_D04		ZM_055_B2_D04_MR
44062	ZM_055_B2_D05	ZM_055_B2_D05_T7C	
44063	ZM_055_B2_D06		ZM_055_B2_D06_MR
44064	ZM_055_B2_D08	ZM_055_B2_D08_T7C	
44065	ZM_055_B2_D09	ZM_055_B2_D09_T7C	
44066	ZM_055_B2_D10		ZM_055_B2_D10_MR
44067	ZM_055_B2_D11	ZM_055_B2_D11_T7C	
44068	ZM_055_B2_D11		ZM_055_B2_D11_MR
44069	ZM_055_B2_D12		ZM_055_B2_D12_MR
44070	ZM_055_B2_E01	ZM_055_B2_E01_T7C	
44071	ZM_055_B2_E01		ZM_055_B2_E01_MR
44072	ZM_055_B2_E02	ZM_055_B2_E02_T7C	
44073	ZM_055_B2_E02		ZM_055_B2_E02_MR
44074	ZM_055_B2_E03	ZM_055_B2_E03_T7C	
44075	ZM_055_B2_E03		ZM_055_B2_E03_MR
44076	ZM_055_B2_E04	ZM_055_B2_E04_T7C	
44077	ZM_055_B2_E06	ZM_055_B2_E06_T7C	
44078	ZM_055_B2_E06		ZM_055_B2_E06_MR
44079	ZM_055_B2_E07		ZM_055_B2_E07_MR
44080	ZM_055_B2_E08	ZM_055_B2_E08_T7C	
44081	ZM_055_B2_E08		ZM_055_B2_E08_MR
44082	ZM_055_B2_E10	ZM_055_B2_E10_T7C	
44083	ZM_055_B2_E11	ZM_055_B2_E11_T7C	
44084	ZM_055_B2_E11		ZM_055_B2_E11_MR
44085	ZM_055_B2_F01	ZM_055_B2_F01_T7C	
44086	ZM_055_B2_F02	ZM_055_B2_F02_T7C	
44087	ZM_055_B2_F02		ZM_055_B2_F02_MR
44088	ZM_055_B2_F03	ZM_055_B2_F03_T7C	
44089	ZM_055_B2_F03		ZM_055_B2_F03_MR
44090	ZM_055_B2_F04	ZM_055_B2_F04_T7C	
44091	ZM_055_B2_F05	ZM_055_B2_F05_T7C	
44092	ZM_055_B2_F06	ZM_055_B2_F06_T7C	
44093	ZM_055_B2_F06		ZM_055_B2_F06_MR
44094	ZM_055_B2_F07	ZM_055_B2_F07_T7C	
44095	ZM_055_B2_F07		ZM_055_B2_F07_MR
44096	ZM_055_B2_F08	ZM_055_B2_F08_T7C	
44097	ZM_055_B2_F08		ZM_055_B2_F08_MR
44098	ZM_055_B2_F10	ZM_055_B2_F10_T7C	
44099	ZM_055_B2_F10		ZM_055_B2_F10_MR
44100	ZM_055_B2_F11	ZM_055_B2_F11_T7C	
44101	ZM_055_B2_F12	ZM_055_B2_F12_T7C	
44102	ZM_055_B2_F12		ZM_055_B2_F12_MR
44103	ZM_055_B2_G01	ZM_055_B2_G01_T7C	
44104	ZM_055_B2_G01		ZM_055_B2_G01_MR
44105	ZM_055_B2_G02	ZM_055_B2_G02_T7C	
44106	ZM_055_B2_G03		ZM_055_B2_G03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44107	ZM_055_B2_G05	ZM_055_B2_G05_T7C	
44108	ZM_055_B2_G06	ZM_055_B2_G06_T7C	
44109	ZM_055_B2_G06		ZM_055_B2_G06_MR
44110	ZM_055_B2_G07	ZM_055_B2_G07_T7C	
44111	ZM_055_B2_G07		ZM_055_B2_G07_MR
44112	ZM_055_B2_G08	ZM_055_B2_G08_T7C	
44113	ZM_055_B2_G08		ZM_055_B2_G08_MR
44114	ZM_055_B2_G09	ZM_055_B2_G09_T7C	
44115	ZM_055_B2_G09		ZM_055_B2_G09_MR
44116	ZM_055_B2_G10	ZM_055_B2_G10_T7C	
44117	ZM_055_B2_G10		ZM_055_B2_G10_MR
44118	ZM_055_B2_G11	ZM_055_B2_G11_T7C	
44119	ZM_055_B2_G11		ZM_055_B2_G11_MR
44120	ZM_055_B2_G12		ZM_055_B2_G12_MR
44121	ZM_055_B2_H01	ZM_055_B2_H01_T7C	
44122	ZM_055_B2_H01		ZM_055_B2_H01_MR
44123	ZM_055_B2_H02	ZM_055_B2_H02_T7C	
44124	ZM_055_B2_H02		ZM_055_B2_H02_MR
44125	ZM_055_B2_H03	ZM_055_B2_H03_T7C	
44126	ZM_055_B2_H03		ZM_055_B2_H03_MR
44127	ZM_055_B2_H04	ZM_055_B2_H04_T7C	
44128	ZM_055_B2_H04		ZM_055_B2_H04_MR
44129	ZM_055_B2_H05	ZM_055_B2_H05_T7C	
44130	ZM_055_B2_H06	ZM_055_B2_H06_T7C	
44131	ZM_055_B2_H06		ZM_055_B2_H06_MR
44132	ZM_055_B2_H07	ZM_055_B2_H07_T7C	
44133	ZM_055_B2_H09		ZM_055_B2_H09_MR
44134	ZM_055_B2_H10	ZM_055_B2_H10_T7C	
44135	ZM_055_B2_H10		ZM_055_B2_H10_MR
44136	ZM_055_B2_H11	ZM_055_B2_H11_T7C	
44137	ZM_055_B2_H11		ZM_055_B2_H11_MR
44138	ZM_055_B2_H12	ZM_055_B2_H12_T7C	
44139	ZM_055_B2_H12		ZM_055_B2_H12_MR
44140	ZM_056_A1_A01	ZM_056_A1_A01_T7C	
44141	ZM_056_A1_A01		ZM_056_A1_A01_MR
44142	ZM_056_A1_A02	ZM_056_A1_A02_T7C	
44143	ZM_056_A1_A02		ZM_056_A1_A02_MR
44144	ZM_056_A1_A03	ZM_056_A1_A03_T7C	
44145	ZM_056_A1_A04	ZM_056_A1_A04_T7C	
44146	ZM_056_A1_A04		ZM_056_A1_A04_MR
44147	ZM_056_A1_A05		ZM_056_A1_A05_MR
44148	ZM_056_A1_A06	ZM_056_A1_A06_T7C	
44149	ZM_056_A1_A07	ZM_056_A1_A07_T7C	
44150	ZM_056_A1_A07		ZM_056_A1_A07_MR
44151	ZM_056_A1_A08	ZM_056_A1_A08_T7C	
44152	ZM_056_A1_A08		ZM_056_A1_A08_MR
44153	ZM_056_A1_A09	ZM_056_A1_A09_T7C	
44154	ZM_056_A1_A09		ZM_056_A1_A09_MR
44155	ZM_056_A1_A10	ZM_056_A1_A10_T7C	
44156	ZM_056_A1_A10		ZM_056_A1_A10_MR
44157	ZM_056_A1_A11	ZM_056_A1_A11_T7C	
44158	ZM_056_A1_A12		ZM_056_A1_A12_MR
44159	ZM_056_A1_B01	ZM_056_A1_B01_T7C	
44160	ZM_056_A1_B01		ZM_056_A1_B01_MR
44161	ZM_056_A1_B02	ZM_056_A1_B02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44162	ZM_056_A1_B04	ZM_056_A1_B04_T7C	
44163	ZM_056_A1_B04		ZM_056_A1_B04_MR
44164	ZM_056_A1_B05	ZM_056_A1_B05_T7C	
44165	ZM_056_A1_B05		ZM_056_A1_B05_MR
44166	ZM_056_A1_B07	ZM_056_A1_B07_T7C	
44167	ZM_056_A1_B07		ZM_056_A1_B07_MR
44168	ZM_056_A1_B08	ZM_056_A1_B08_T7C	
44169	ZM_056_A1_B08		ZM_056_A1_B08_MR
44170	ZM_056_A1_B09	ZM_056_A1_B09_T7C	
44171	ZM_056_A1_B10	ZM_056_A1_B10_T7C	
44172	ZM_056_A1_B10		ZM_056_A1_B10_MR
44173	ZM_056_A1_B11	ZM_056_A1_B11_T7C	
44174	ZM_056_A1_B12	ZM_056_A1_B12_T7C	
44175	ZM_056_A1_C02	ZM_056_A1_C02_T7C	
44176	ZM_056_A1_C02		ZM_056_A1_C02_MR
44177	ZM_056_A1_C03	ZM_056_A1_C03_T7C	
44178	ZM_056_A1_C04	ZM_056_A1_C04_T7C	
44179	ZM_056_A1_C04		ZM_056_A1_C04_MR
44180	ZM_056_A1_C05	ZM_056_A1_C05_T7C	
44181	ZM_056_A1_C05		ZM_056_A1_C05_MR
44182	ZM_056_A1_C06	ZM_056_A1_C06_T7C	
44183	ZM_056_A1_C06		ZM_056_A1_C06_MR
44184	ZM_056_A1_C07	ZM_056_A1_C07_T7C	
44185	ZM_056_A1_C07		ZM_056_A1_C07_MR
44186	ZM_056_A1_C08	ZM_056_A1_C08_T7C	
44187	ZM_056_A1_C08		ZM_056_A1_C08_MR
44188	ZM_056_A1_C10	ZM_056_A1_C10_T7C	
44189	ZM_056_A1_C10		ZM_056_A1_C10_MR
44190	ZM_056_A1_C11	ZM_056_A1_C11_T7C	
44191	ZM_056_A1_C11		ZM_056_A1_C11_MR
44192	ZM_056_A1_C12	ZM_056_A1_C12_T7C	
44193	ZM_056_A1_C12		ZM_056_A1_C12_MR
44194	ZM_056_A1_D02	ZM_056_A1_D02_T7C	
44195	ZM_056_A1_D03	ZM_056_A1_D03_T7C	
44196	ZM_056_A1_D04	ZM_056_A1_D04_T7C	
44197	ZM_056_A1_D04		ZM_056_A1_D04_MR
44198	ZM_056_A1_D05	ZM_056_A1_D05_T7C	
44199	ZM_056_A1_D05		ZM_056_A1_D05_MR
44200	ZM_056_A1_D06	ZM_056_A1_D06_T7C	
44201	ZM_056_A1_D06		ZM_056_A1_D06_MR
44202	ZM_056_A1_D07	ZM_056_A1_D07_T7C	
44203	ZM_056_A1_D08	ZM_056_A1_D08_T7C	
44204	ZM_056_A1_D08		ZM_056_A1_D08_MR
44205	ZM_056_A1_D09	ZM_056_A1_D09_T7C	
44206	ZM_056_A1_D10	ZM_056_A1_D10_T7C	
44207	ZM_056_A1_D10		ZM_056_A1_D10_MR
44208	ZM_056_A1_D11	ZM_056_A1_D11_T7C	
44209	ZM_056_A1_D12	ZM_056_A1_D12_T7C	
44210	ZM_056_A1_D12		ZM_056_A1_D12_MR
44211	ZM_056_A1_E01	ZM_056_A1_E01_T7C	
44212	ZM_056_A1_E02	ZM_056_A1_E02_T7C	
44213	ZM_056_A1_E02		ZM_056_A1_E02_MR
44214	ZM_056_A1_E04	ZM_056_A1_E04_T7C	
44215	ZM_056_A1_E04		ZM_056_A1_E04_MR
44216	ZM_056_A1_E05	ZM_056_A1_E05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44217	ZM_056_A1_E05		ZM_056_A1_E05_MR
44218	ZM_056_A1_E06	ZM_056_A1_E06_T7C	
44219	ZM_056_A1_E07		ZM_056_A1_E07_MR
44220	ZM_056_A1_E08	ZM_056_A1_E08_T7C	
44221	ZM_056_A1_E08		ZM_056_A1_E08_MR
44222	ZM_056_A1_E09	ZM_056_A1_E09_T7C	
44223	ZM_056_A1_E09		ZM_056_A1_E09_MR
44224	ZM_056_A1_E10	ZM_056_A1_E10_T7C	
44225	ZM_056_A1_E11	ZM_056_A1_E11_T7C	
44226	ZM_056_A1_E11		ZM_056_A1_E11_MR
44227	ZM_056_A1_E12	ZM_056_A1_E12_T7C	
44228	ZM_056_A1_E12		ZM_056_A1_E12_MR
44229	ZM_056_A1_F02		ZM_056_A1_F02_MR
44230	ZM_056_A1_F04	ZM_056_A1_F04_T7C	
44231	ZM_056_A1_F05	ZM_056_A1_F05_T7C	
44232	ZM_056_A1_F06	ZM_056_A1_F06_T7C	
44233	ZM_056_A1_F08	ZM_056_A1_F08_T7C	
44234	ZM_056_A1_F08		ZM_056_A1_F08_MR
44235	ZM_056_A1_F09		ZM_056_A1_F09_MR
44236	ZM_056_A1_F10	ZM_056_A1_F10_T7C	
44237	ZM_056_A1_F10		ZM_056_A1_F10_MR
44238	ZM_056_A1_F11	ZM_056_A1_F11_T7C	
44239	ZM_056_A1_F11		ZM_056_A1_F11_MR
44240	ZM_056_A1_F12		ZM_056_A1_F12_MR
44241	ZM_056_A1_G01	ZM_056_A1_G01_T7C	
44242	ZM_056_A1_G02	ZM_056_A1_G02_T7C	
44243	ZM_056_A1_G03	ZM_056_A1_G03_T7C	
44244	ZM_056_A1_G03		ZM_056_A1_G03_MR
44245	ZM_056_A1_G04	ZM_056_A1_G04_T7C	
44246	ZM_056_A1_G04		ZM_056_A1_G04_MR
44247	ZM_056_A1_G05	ZM_056_A1_G05_T7C	
44248	ZM_056_A1_G07	ZM_056_A1_G07_T7C	
44249	ZM_056_A1_G07		ZM_056_A1_G07_MR
44250	ZM_056_A1_G08	ZM_056_A1_G08_T7C	
44251	ZM_056_A1_G10	ZM_056_A1_G10_T7C	
44252	ZM_056_A1_G10		ZM_056_A1_G10_MR
44253	ZM_056_A1_G11	ZM_056_A1_G11_T7C	
44254	ZM_056_A1_G12	ZM_056_A1_G12_T7C	
44255	ZM_056_A1_G12		ZM_056_A1_G12_MR
44256	ZM_056_A1_H01	ZM_056_A1_H01_T7C	
44257	ZM_056_A1_H01		ZM_056_A1_H01_MR
44258	ZM_056_A1_H03	ZM_056_A1_H03_T7C	
44259	ZM_056_A1_H04	ZM_056_A1_H04_T7C	
44260	ZM_056_A1_H04		ZM_056_A1_H04_MR
44261	ZM_056_A1_H05	ZM_056_A1_H05_T7C	
44262	ZM_056_A1_H05		ZM_056_A1_H05_MR
44263	ZM_056_A1_H07	ZM_056_A1_H07_T7C	
44264	ZM_056_A1_H08	ZM_056_A1_H08_T7C	
44265	ZM_056_A1_H08		ZM_056_A1_H08_MR
44266	ZM_056_A1_H09	ZM_056_A1_H09_T7C	
44267	ZM_056_A1_H09		ZM_056_A1_H09_MR
44268	ZM_056_A1_H10	ZM_056_A1_H10_T7C	
44269	ZM_056_A1_H10		ZM_056_A1_H10_MR
44270	ZM_056_A1_H11	ZM_056_A1_H11_T7C	
44271	ZM_056_A1_H12	ZM_056_A1_H12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44272	ZM_056_A1_H12		ZM_056_A1_H12_MR
44273	ZM_056_A2_A03		ZM_056_A2_A03_MR
44274	ZM_056_A2_A04	ZM_056_A2_A04_T7C	
44275	ZM_056_A2_A04		ZM_056_A2_A04_MR
44276	ZM_056_A2_A05	ZM_056_A2_A05_T7C	
44277	ZM_056_A2_A05		ZM_056_A2_A05_MR
44278	ZM_056_A2_A06		ZM_056_A2_A06_MR
44279	ZM_056_A2_A07		ZM_056_A2_A07_MR
44280	ZM_056_A2_A08		ZM_056_A2_A08_MR
44281	ZM_056_A2_A09		ZM_056_A2_A09_MR
44282	ZM_056_A2_A10	ZM_056_A2_A10_T7C	
44283	ZM_056_A2_A10		ZM_056_A2_A10_MR
44284	ZM_056_A2_A11		ZM_056_A2_A11_MR
44285	ZM_056_A2_A12		ZM_056_A2_A12_MR
44286	ZM_056_A2_B01		ZM_056_A2_B01_MR
44287	ZM_056_A2_B02	ZM_056_A2_B02_T7C	
44288	ZM_056_A2_B04	ZM_056_A2_B04_T7C	
44289	ZM_056_A2_B04		ZM_056_A2_B04_MR
44290	ZM_056_A2_B05		ZM_056_A2_B05_MR
44291	ZM_056_A2_B06		ZM_056_A2_B06_MR
44292	ZM_056_A2_B07		ZM_056_A2_B07_MR
44293	ZM_056_A2_B08		ZM_056_A2_B08_MR
44294	ZM_056_A2_B09		ZM_056_A2_B09_MR
44295	ZM_056_A2_B10	ZM_056_A2_B10_T7C	
44296	ZM_056_A2_B10		ZM_056_A2_B10_MR
44297	ZM_056_A2_B11		ZM_056_A2_B11_MR
44298	ZM_056_A2_B12	ZM_056_A2_B12_T7C	
44299	ZM_056_A2_B12		ZM_056_A2_B12_MR
44300	ZM_056_A2_C01	ZM_056_A2_C01_T7C	
44301	ZM_056_A2_C01		ZM_056_A2_C01_MR
44302	ZM_056_A2_C03		ZM_056_A2_C03_MR
44303	ZM_056_A2_C04		ZM_056_A2_C04_MR
44304	ZM_056_A2_C05		ZM_056_A2_C05_MR
44305	ZM_056_A2_C06		ZM_056_A2_C06_MR
44306	ZM_056_A2_C07		ZM_056_A2_C07_MR
44307	ZM_056_A2_C09		ZM_056_A2_C09_MR
44308	ZM_056_A2_C10	ZM_056_A2_C10_T7C	
44309	ZM_056_A2_C10		ZM_056_A2_C10_MR
44310	ZM_056_A2_C11	ZM_056_A2_C11_T7C	
44311	ZM_056_A2_C11		ZM_056_A2_C11_MR
44312	ZM_056_A2_D02	ZM_056_A2_D02_T7C	
44313	ZM_056_A2_D03		ZM_056_A2_D03_MR
44314	ZM_056_A2_D04		ZM_056_A2_D04_MR
44315	ZM_056_A2_D05		ZM_056_A2_D05_MR
44316	ZM_056_A2_D06	ZM_056_A2_D06_T7C	
44317	ZM_056_A2_D06		ZM_056_A2_D06_MR
44318	ZM_056_A2_D07	ZM_056_A2_D07_T7C	
44319	ZM_056_A2_D07		ZM_056_A2_D07_MR
44320	ZM_056_A2_D08		ZM_056_A2_D08_MR
44321	ZM_056_A2_D09		ZM_056_A2_D09_MR
44322	ZM_056_A2_D10	ZM_056_A2_D10_T7C	
44323	ZM_056_A2_D10		ZM_056_A2_D10_MR
44324	ZM_056_A2_D11	ZM_056_A2_D11_T7C	
44325	ZM_056_A2_D11		ZM_056_A2_D11_MR
44326	ZM_056_A2_D12	ZM_056_A2_D12_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44327	ZM_056_A2_D12		ZM_056_A2_D12_MR
44328	ZM_056_A2_E01		ZM_056_A2_E01_MR
44329	ZM_056_A2_E03		ZM_056_A2_E03_MR
44330	ZM_056_A2_E04	ZM_056_A2_E04_T7C	
44331	ZM_056_A2_E04		ZM_056_A2_E04_MR
44332	ZM_056_A2_E05		ZM_056_A2_E05_MR
44333	ZM_056_A2_E07		ZM_056_A2_E07_MR
44334	ZM_056_A2_E08		ZM_056_A2_E08_MR
44335	ZM_056_A2_E09	ZM_056_A2_E09_T7C	
44336	ZM_056_A2_E09		ZM_056_A2_E09_MR
44337	ZM_056_A2_E10		ZM_056_A2_E10_MR
44338	ZM_056_A2_E11		ZM_056_A2_E11_MR
44339	ZM_056_A2_E12		ZM_056_A2_E12_MR
44340	ZM_056_A2_F01		ZM_056_A2_F01_MR
44341	ZM_056_A2_F04		ZM_056_A2_F04_MR
44342	ZM_056_A2_F05	ZM_056_A2_F05_T7C	
44343	ZM_056_A2_F05		ZM_056_A2_F05_MR
44344	ZM_056_A2_F06		ZM_056_A2_F06_MR
44345	ZM_056_A2_F07		ZM_056_A2_F07_MR
44346	ZM_056_A2_F08		ZM_056_A2_F08_MR
44347	ZM_056_A2_F09	ZM_056_A2_F09_T7C	
44348	ZM_056_A2_F09		ZM_056_A2_F09_MR
44349	ZM_056_A2_F10		ZM_056_A2_F10_MR
44350	ZM_056_A2_F12	ZM_056_A2_F12_T7C	
44351	ZM_056_A2_F12		ZM_056_A2_F12_MR
44352	ZM_056_A2_G01	ZM_056_A2_G01_T7C	
44353	ZM_056_A2_G01		ZM_056_A2_G01_MR
44354	ZM_056_A2_G03		ZM_056_A2_G03_MR
44355	ZM_056_A2_G04	ZM_056_A2_G04_T7C	
44356	ZM_056_A2_G04		ZM_056_A2_G04_MR
44357	ZM_056_A2_G05		ZM_056_A2_G05_MR
44358	ZM_056_A2_G06		ZM_056_A2_G06_MR
44359	ZM_056_A2_G07		ZM_056_A2_G07_MR
44360	ZM_056_A2_G09	ZM_056_A2_G09_T7C	
44361	ZM_056_A2_G09		ZM_056_A2_G09_MR
44362	ZM_056_A2_G10	ZM_056_A2_G10_T7C	
44363	ZM_056_A2_G10		ZM_056_A2_G10_MR
44364	ZM_056_A2_G12	ZM_056_A2_G12_T7C	
44365	ZM_056_A2_G12		ZM_056_A2_G12_MR
44366	ZM_056_A2_H01		ZM_056_A2_H01_MR
44367	ZM_056_A2_H03		ZM_056_A2_H03_MR
44368	ZM_056_A2_H04		ZM_056_A2_H04_MR
44369	ZM_056_A2_H05		ZM_056_A2_H05_MR
44370	ZM_056_A2_H06	ZM_056_A2_H06_T7C	
44371	ZM_056_A2_H07	ZM_056_A2_H07_T7C	
44372	ZM_056_A2_H07		ZM_056_A2_H07_MR
44373	ZM_056_A2_H09	ZM_056_A2_H09_T7C	
44374	ZM_056_A2_H09		ZM_056_A2_H09_MR
44375	ZM_056_A2_H10		ZM_056_A2_H10_MR
44376	ZM_056_A2_H11		ZM_056_A2_H11_MR
44377	ZM_056_A2_H12		ZM_056_A2_H12_MR
44378	ZM_056_B1_A01		ZM_056_B1_A01_MR
44379	ZM_056_B1_A02		ZM_056_B1_A02_MR
44380	ZM_056_B1_A03		ZM_056_B1_A03_MR
44381	ZM_056_B1_A04		ZM_056_B1_A04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44382	ZM_056_B1_A05		ZM_056_B1_A05_MR
44383	ZM_056_B1_A07		ZM_056_B1_A07_MR
44384	ZM_056_B1_A09		ZM_056_B1_A09_MR
44385	ZM_056_B1_A10		ZM_056_B1_A10_MR
44386	ZM_056_B1_A12		ZM_056_B1_A12_MR
44387	ZM_056_B1_B01		ZM_056_B1_B01_MR
44388	ZM_056_B1_B02		ZM_056_B1_B02_MR
44389	ZM_056_B1_B03		ZM_056_B1_B03_MR
44390	ZM_056_B1_B04		ZM_056_B1_B04_MR
44391	ZM_056_B1_B05		ZM_056_B1_B05_MR
44392	ZM_056_B1_B06		ZM_056_B1_B06_MR
44393	ZM_056_B1_B07		ZM_056_B1_B07_MR
44394	ZM_056_B1_B08		ZM_056_B1_B08_MR
44395	ZM_056_B1_B09		ZM_056_B1_B09_MR
44396	ZM_056_B1_B10		ZM_056_B1_B10_MR
44397	ZM_056_B1_B12		ZM_056_B1_B12_MR
44398	ZM_056_B1_C01		ZM_056_B1_C01_MR
44399	ZM_056_B1_C02		ZM_056_B1_C02_MR
44400	ZM_056_B1_C04		ZM_056_B1_C04_MR
44401	ZM_056_B1_C05		ZM_056_B1_C05_MR
44402	ZM_056_B1_C06		ZM_056_B1_C06_MR
44403	ZM_056_B1_C07		ZM_056_B1_C07_MR
44404	ZM_056_B1_C08		ZM_056_B1_C08_MR
44405	ZM_056_B1_C09		ZM_056_B1_C09_MR
44406	ZM_056_B1_C10		ZM_056_B1_C10_MR
44407	ZM_056_B1_C12		ZM_056_B1_C12_MR
44408	ZM_056_B1_D01		ZM_056_B1_D01_MR
44409	ZM_056_B1_D02		ZM_056_B1_D02_MR
44410	ZM_056_B1_D03		ZM_056_B1_D03_MR
44411	ZM_056_B1_D04		ZM_056_B1_D04_MR
44412	ZM_056_B1_D05		ZM_056_B1_D05_MR
44413	ZM_056_B1_D06		ZM_056_B1_D06_MR
44414	ZM_056_B1_D07		ZM_056_B1_D07_MR
44415	ZM_056_B1_D08		ZM_056_B1_D08_MR
44416	ZM_056_B1_D09		ZM_056_B1_D09_MR
44417	ZM_056_B1_D10		ZM_056_B1_D10_MR
44418	ZM_056_B1_D11		ZM_056_B1_D11_MR
44419	ZM_056_B1_D12		ZM_056_B1_D12_MR
44420	ZM_056_B1_E01		ZM_056_B1_E01_MR
44421	ZM_056_B1_E02		ZM_056_B1_E02_MR
44422	ZM_056_B1_E03		ZM_056_B1_E03_MR
44423	ZM_056_B1_E04		ZM_056_B1_E04_MR
44424	ZM_056_B1_E05		ZM_056_B1_E05_MR
44425	ZM_056_B1_E06		ZM_056_B1_E06_MR
44426	ZM_056_B1_E07		ZM_056_B1_E07_MR
44427	ZM_056_B1_E08		ZM_056_B1_E08_MR
44428	ZM_056_B1_E09		ZM_056_B1_E09_MR
44429	ZM_056_B1_E10		ZM_056_B1_E10_MR
44430	ZM_056_B1_E11		ZM_056_B1_E11_MR
44431	ZM_056_B1_F01		ZM_056_B1_F01_MR
44432	ZM_056_B1_F02		ZM_056_B1_F02_MR
44433	ZM_056_B1_F03		ZM_056_B1_F03_MR
44434	ZM_056_B1_F04		ZM_056_B1_F04_MR
44435	ZM_056_B1_F05		ZM_056_B1_F05_MR
44436	ZM_056_B1_F07		ZM_056_B1_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44437	ZM_056_B1_F10		ZM_056_B1_F10_MR
44438	ZM_056_B1_F11		ZM_056_B1_F11_MR
44439	ZM_056_B1_F12		ZM_056_B1_F12_MR
44440	ZM_056_B1_G01		ZM_056_B1_G01_MR
44441	ZM_056_B1_G02		ZM_056_B1_G02_MR
44442	ZM_056_B1_G03		ZM_056_B1_G03_MR
44443	ZM_056_B1_G04		ZM_056_B1_G04_MR
44444	ZM_056_B1_G05		ZM_056_B1_G05_MR
44445	ZM_056_B1_G06		ZM_056_B1_G06_MR
44446	ZM_056_B1_G07		ZM_056_B1_G07_MR
44447	ZM_056_B1_G08		ZM_056_B1_G08_MR
44448	ZM_056_B1_G09		ZM_056_B1_G09_MR
44449	ZM_056_B1_G10		ZM_056_B1_G10_MR
44450	ZM_056_B1_G11		ZM_056_B1_G11_MR
44451	ZM_056_B1_G12		ZM_056_B1_G12_MR
44452	ZM_056_B1_H01		ZM_056_B1_H01_MR
44453	ZM_056_B1_H02		ZM_056_B1_H02_MR
44454	ZM_056_B1_H03		ZM_056_B1_H03_MR
44455	ZM_056_B1_H04		ZM_056_B1_H04_MR
44456	ZM_056_B1_H05		ZM_056_B1_H05_MR
44457	ZM_056_B1_H06		ZM_056_B1_H06_MR
44458	ZM_056_B1_H07		ZM_056_B1_H07_MR
44459	ZM_056_B1_H08		ZM_056_B1_H08_MR
44460	ZM_056_B1_H10		ZM_056_B1_H10_MR
44461	ZM_056_B1_H11		ZM_056_B1_H11_MR
44462	ZM_056_B1_H12		ZM_056_B1_H12_MR
44463	ZM_056_B2_A02		ZM_056_B2_A02_MR
44464	ZM_056_B2_A03		ZM_056_B2_A03_MR
44465	ZM_056_B2_A05		ZM_056_B2_A05_MR
44466	ZM_056_B2_A07		ZM_056_B2_A07_MR
44467	ZM_056_B2_A08		ZM_056_B2_A08_MR
44468	ZM_056_B2_A09		ZM_056_B2_A09_MR
44469	ZM_056_B2_A10		ZM_056_B2_A10_MR
44470	ZM_056_B2_A11		ZM_056_B2_A11_MR
44471	ZM_056_B2_B01		ZM_056_B2_B01_MR
44472	ZM_056_B2_B02		ZM_056_B2_B02_MR
44473	ZM_056_B2_B04		ZM_056_B2_B04_MR
44474	ZM_056_B2_B07		ZM_056_B2_B07_MR
44475	ZM_056_B2_B10		ZM_056_B2_B10_MR
44476	ZM_056_B2_B11		ZM_056_B2_B11_MR
44477	ZM_056_B2_B12		ZM_056_B2_B12_MR
44478	ZM_056_B2_C01		ZM_056_B2_C01_MR
44479	ZM_056_B2_C04		ZM_056_B2_C04_MR
44480	ZM_056_B2_C05		ZM_056_B2_C05_MR
44481	ZM_056_B2_C06		ZM_056_B2_C06_MR
44482	ZM_056_B2_C07		ZM_056_B2_C07_MR
44483	ZM_056_B2_C08		ZM_056_B2_C08_MR
44484	ZM_056_B2_C10		ZM_056_B2_C10_MR
44485	ZM_056_B2_C11		ZM_056_B2_C11_MR
44486	ZM_056_B2_C12		ZM_056_B2_C12_MR
44487	ZM_056_B2_D01		ZM_056_B2_D01_MR
44488	ZM_056_B2_D02		ZM_056_B2_D02_MR
44489	ZM_056_B2_D03		ZM_056_B2_D03_MR
44490	ZM_056_B2_D04		ZM_056_B2_D04_MR
44491	ZM_056_B2_D05		ZM_056_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44492	ZM_056_B2_D06		ZM_056_B2_D06_MR
44493	ZM_056_B2_D07		ZM_056_B2_D07_MR
44494	ZM_056_B2_D08		ZM_056_B2_D08_MR
44495	ZM_056_B2_D09		ZM_056_B2_D09_MR
44496	ZM_056_B2_D10		ZM_056_B2_D10_MR
44497	ZM_056_B2_D11		ZM_056_B2_D11_MR
44498	ZM_056_B2_E01		ZM_056_B2_E01_MR
44499	ZM_056_B2_E02		ZM_056_B2_E02_MR
44500	ZM_056_B2_E04		ZM_056_B2_E04_MR
44501	ZM_056_B2_E06		ZM_056_B2_E06_MR
44502	ZM_056_B2_E07		ZM_056_B2_E07_MR
44503	ZM_056_B2_E08		ZM_056_B2_E08_MR
44504	ZM_056_B2_E09		ZM_056_B2_E09_MR
44505	ZM_056_B2_E11		ZM_056_B2_E11_MR
44506	ZM_056_B2_F01		ZM_056_B2_F01_MR
44507	ZM_056_B2_F02		ZM_056_B2_F02_MR
44508	ZM_056_B2_F03		ZM_056_B2_F03_MR
44509	ZM_056_B2_F05		ZM_056_B2_F05_MR
44510	ZM_056_B2_F06		ZM_056_B2_F06_MR
44511	ZM_056_B2_F07		ZM_056_B2_F07_MR
44512	ZM_056_B2_F08		ZM_056_B2_F08_MR
44513	ZM_056_B2_F10		ZM_056_B2_F10_MR
44514	ZM_056_B2_F11		ZM_056_B2_F11_MR
44515	ZM_056_B2_F12		ZM_056_B2_F12_MR
44516	ZM_056_B2_G01		ZM_056_B2_G01_MR
44517	ZM_056_B2_G02		ZM_056_B2_G02_MR
44518	ZM_056_B2_G04		ZM_056_B2_G04_MR
44519	ZM_056_B2_G05		ZM_056_B2_G05_MR
44520	ZM_056_B2_G07		ZM_056_B2_G07_MR
44521	ZM_056_B2_G08		ZM_056_B2_G08_MR
44522	ZM_056_B2_G09		ZM_056_B2_G09_MR
44523	ZM_056_B2_G10		ZM_056_B2_G10_MR
44524	ZM_056_B2_G11		ZM_056_B2_G11_MR
44525	ZM_056_B2_G12		ZM_056_B2_G12_MR
44526	ZM_056_B2_H01		ZM_056_B2_H01_MR
44527	ZM_056_B2_H02		ZM_056_B2_H02_MR
44528	ZM_056_B2_H03		ZM_056_B2_H03_MR
44529	ZM_056_B2_H04		ZM_056_B2_H04_MR
44530	ZM_056_B2_H05		ZM_056_B2_H05_MR
44531	ZM_056_B2_H08		ZM_056_B2_H08_MR
44532	ZM_056_B2_H09		ZM_056_B2_H09_MR
44533	ZM_056_B2_H10		ZM_056_B2_H10_MR
44534	ZM_056_B2_H11		ZM_056_B2_H11_MR
44535	ZM_056_B2_H12		ZM_056_B2_H12_MR
44536	ZM_057_A1_A01	ZM_057_A1_A01_T7C	
44537	ZM_057_A1_A02	ZM_057_A1_A02_T7C	
44538	ZM_057_A1_A02		ZM_057_A1_A02_MR
44539	ZM_057_A1_A03	ZM_057_A1_A03_T7C	
44540	ZM_057_A1_A03		ZM_057_A1_A03_MR
44541	ZM_057_A1_A04		ZM_057_A1_A04_MR
44542	ZM_057_A1_A05	ZM_057_A1_A05_T7C	
44543	ZM_057_A1_A05		ZM_057_A1_A05_MR
44544	ZM_057_A1_A06		ZM_057_A1_A06_MR
44545	ZM_057_A1_A07	ZM_057_A1_A07_T7C	
44546	ZM_057_A1_A07		ZM_057_A1_A07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44547	ZM_057_A1_A09	ZM_057_A1_A09_T7C	
44548	ZM_057_A1_A09		ZM_057_A1_A09_MR
44549	ZM_057_A1_A10	ZM_057_A1_A10_T7C	
44550	ZM_057_A1_A10		ZM_057_A1_A10_MR
44551	ZM_057_A1_A11		ZM_057_A1_A11_MR
44552	ZM_057_A1_A12	ZM_057_A1_A12_T7C	
44553	ZM_057_A1_B01		ZM_057_A1_B01_MR
44554	ZM_057_A1_B02	ZM_057_A1_B02_T7C	
44555	ZM_057_A1_B02		ZM_057_A1_B02_MR
44556	ZM_057_A1_B03	ZM_057_A1_B03_T7C	
44557	ZM_057_A1_B03		ZM_057_A1_B03_MR
44558	ZM_057_A1_B04	ZM_057_A1_B04_T7C	
44559	ZM_057_A1_B05	ZM_057_A1_B05_T7C	
44560	ZM_057_A1_B05		ZM_057_A1_B05_MR
44561	ZM_057_A1_B06	ZM_057_A1_B06_T7C	
44562	ZM_057_A1_B06		ZM_057_A1_B06_MR
44563	ZM_057_A1_B07		ZM_057_A1_B07_MR
44564	ZM_057_A1_B08	ZM_057_A1_B08_T7C	
44565	ZM_057_A1_B08		ZM_057_A1_B08_MR
44566	ZM_057_A1_B09	ZM_057_A1_B09_T7C	
44567	ZM_057_A1_B09		ZM_057_A1_B09_MR
44568	ZM_057_A1_B10	ZM_057_A1_B10_T7C	
44569	ZM_057_A1_B10		ZM_057_A1_B10_MR
44570	ZM_057_A1_B11	ZM_057_A1_B11_T7C	
44571	ZM_057_A1_B11		ZM_057_A1_B11_MR
44572	ZM_057_A1_B12	ZM_057_A1_B12_T7C	
44573	ZM_057_A1_C02	ZM_057_A1_C02_T7C	
44574	ZM_057_A1_C02		ZM_057_A1_C02_MR
44575	ZM_057_A1_C03	ZM_057_A1_C03_T7C	
44576	ZM_057_A1_C03		ZM_057_A1_C03_MR
44577	ZM_057_A1_C04	ZM_057_A1_C04_T7C	
44578	ZM_057_A1_C04		ZM_057_A1_C04_MR
44579	ZM_057_A1_D01	ZM_057_A1_D01_T7C	
44580	ZM_057_A1_D01		ZM_057_A1_D01_MR
44581	ZM_057_A1_D02	ZM_057_A1_D02_T7C	
44582	ZM_057_A1_D02		ZM_057_A1_D02_MR
44583	ZM_057_A1_D03	ZM_057_A1_D03_T7C	
44584	ZM_057_A1_D03		ZM_057_A1_D03_MR
44585	ZM_057_A1_D04		ZM_057_A1_D04_MR
44586	ZM_057_A1_D05	ZM_057_A1_D05_T7C	
44587	ZM_057_A1_D05		ZM_057_A1_D05_MR
44588	ZM_057_A1_D06		ZM_057_A1_D06_MR
44589	ZM_057_A1_D07	ZM_057_A1_D07_T7C	
44590	ZM_057_A1_D07		ZM_057_A1_D07_MR
44591	ZM_057_A1_D08	ZM_057_A1_D08_T7C	
44592	ZM_057_A1_D08		ZM_057_A1_D08_MR
44593	ZM_057_A1_D09	ZM_057_A1_D09_T7C	
44594	ZM_057_A1_D09		ZM_057_A1_D09_MR
44595	ZM_057_A1_D10		ZM_057_A1_D10_MR
44596	ZM_057_A1_D11	ZM_057_A1_D11_T7C	
44597	ZM_057_A1_D11		ZM_057_A1_D11_MR
44598	ZM_057_A1_E01		ZM_057_A1_E01_MR
44599	ZM_057_A1_E02	ZM_057_A1_E02_T7C	
44600	ZM_057_A1_E02		ZM_057_A1_E02_MR
44601	ZM_057_A1_E03	ZM_057_A1_E03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44602	ZM_057_A1_E03		ZM_057_A1_E03_MR
44603	ZM_057_A1_E04	ZM_057_A1_E04_T7C	
44604	ZM_057_A1_E04		ZM_057_A1_E04_MR
44605	ZM_057_A1_E05	ZM_057_A1_E05_T7C	
44606	ZM_057_A1_E05		ZM_057_A1_E05_MR
44607	ZM_057_A1_E06	ZM_057_A1_E06_T7C	
44608	ZM_057_A1_E06		ZM_057_A1_E06_MR
44609	ZM_057_A1_E07	ZM_057_A1_E07_T7C	
44610	ZM_057_A1_E07		ZM_057_A1_E07_MR
44611	ZM_057_A1_E08		ZM_057_A1_E08_MR
44612	ZM_057_A1_E09	ZM_057_A1_E09_T7C	
44613	ZM_057_A1_E09		ZM_057_A1_E09_MR
44614	ZM_057_A1_E10	ZM_057_A1_E10_T7C	
44615	ZM_057_A1_E10		ZM_057_A1_E10_MR
44616	ZM_057_A1_E11	ZM_057_A1_E11_T7C	
44617	ZM_057_A1_E11		ZM_057_A1_E11_MR
44618	ZM_057_A1_E12	ZM_057_A1_E12_T7C	
44619	ZM_057_A1_E12		ZM_057_A1_E12_MR
44620	ZM_057_A1_F01		ZM_057_A1_F01_MR
44621	ZM_057_A1_F02	ZM_057_A1_F02_T7C	
44622	ZM_057_A1_F02		ZM_057_A1_F02_MR
44623	ZM_057_A1_F03	ZM_057_A1_F03_T7C	
44624	ZM_057_A1_F03		ZM_057_A1_F03_MR
44625	ZM_057_A1_F05	ZM_057_A1_F05_T7C	
44626	ZM_057_A1_F05		ZM_057_A1_F05_MR
44627	ZM_057_A1_F06	ZM_057_A1_F06_T7C	
44628	ZM_057_A1_F06		ZM_057_A1_F06_MR
44629	ZM_057_A1_F07	ZM_057_A1_F07_T7C	
44630	ZM_057_A1_F07		ZM_057_A1_F07_MR
44631	ZM_057_A1_F08	ZM_057_A1_F08_T7C	
44632	ZM_057_A1_F08		ZM_057_A1_F08_MR
44633	ZM_057_A1_F10	ZM_057_A1_F10_T7C	
44634	ZM_057_A1_F11	ZM_057_A1_F11_T7C	
44635	ZM_057_A1_F12	ZM_057_A1_F12_T7C	
44636	ZM_057_A1_G01	ZM_057_A1_G01_T7C	
44637	ZM_057_A1_G02	ZM_057_A1_G02_T7C	
44638	ZM_057_A1_G02		ZM_057_A1_G02_MR
44639	ZM_057_A1_G03	ZM_057_A1_G03_T7C	
44640	ZM_057_A1_G03		ZM_057_A1_G03_MR
44641	ZM_057_A1_G04	ZM_057_A1_G04_T7C	
44642	ZM_057_A1_G04		ZM_057_A1_G04_MR
44643	ZM_057_A1_G05		ZM_057_A1_G05_MR
44644	ZM_057_A1_G06	ZM_057_A1_G06_T7C	
44645	ZM_057_A1_G06		ZM_057_A1_G06_MR
44646	ZM_057_A1_G07	ZM_057_A1_G07_T7C	
44647	ZM_057_A1_G07		ZM_057_A1_G07_MR
44648	ZM_057_A1_G08	ZM_057_A1_G08_T7C	
44649	ZM_057_A1_G08		ZM_057_A1_G08_MR
44650	ZM_057_A1_G09	ZM_057_A1_G09_T7C	
44651	ZM_057_A1_G09		ZM_057_A1_G09_MR
44652	ZM_057_A1_G10	ZM_057_A1_G10_T7C	
44653	ZM_057_A1_G10		ZM_057_A1_G10_MR
44654	ZM_057_A1_G12	ZM_057_A1_G12_T7C	
44655	ZM_057_A1_G12		ZM_057_A1_G12_MR
44656	ZM_057_A1_H01	ZM_057_A1_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44657	ZM_057_A1_H01		ZM_057_A1_H01_MR
44658	ZM_057_A1_H02	ZM_057_A1_H02_T7C	
44659	ZM_057_A1_H02		ZM_057_A1_H02_MR
44660	ZM_057_A1_H03	ZM_057_A1_H03_T7C	
44661	ZM_057_A1_H03		ZM_057_A1_H03_MR
44662	ZM_057_A1_H04		ZM_057_A1_H04_MR
44663	ZM_057_A1_H06	ZM_057_A1_H06_T7C	
44664	ZM_057_A1_H06		ZM_057_A1_H06_MR
44665	ZM_057_A1_H07	ZM_057_A1_H07_T7C	
44666	ZM_057_A1_H08	ZM_057_A1_H08_T7C	
44667	ZM_057_A1_H08		ZM_057_A1_H08_MR
44668	ZM_057_A1_H09	ZM_057_A1_H09_T7C	
44669	ZM_057_A1_H09		ZM_057_A1_H09_MR
44670	ZM_057_A1_H10	ZM_057_A1_H10_T7C	
44671	ZM_057_A1_H10		ZM_057_A1_H10_MR
44672	ZM_057_A1_H11		ZM_057_A1_H11_MR
44673	ZM_057_A1_H12	ZM_057_A1_H12_T7C	
44674	ZM_057_A2_A02	ZM_057_A2_A02_T7C	
44675	ZM_057_A2_A02		ZM_057_A2_A02_MR
44676	ZM_057_A2_A03	ZM_057_A2_A03_T7C	
44677	ZM_057_A2_A03		ZM_057_A2_A03_MR
44678	ZM_057_A2_A04	ZM_057_A2_A04_T7C	
44679	ZM_057_A2_A04		ZM_057_A2_A04_MR
44680	ZM_057_A2_A05	ZM_057_A2_A05_T7C	
44681	ZM_057_A2_A05		ZM_057_A2_A05_MR
44682	ZM_057_A2_A06		ZM_057_A2_A06_MR
44683	ZM_057_A2_A07	ZM_057_A2_A07_T7C	
44684	ZM_057_A2_A07		ZM_057_A2_A07_MR
44685	ZM_057_A2_A08	ZM_057_A2_A08_T7C	
44686	ZM_057_A2_A08		ZM_057_A2_A08_MR
44687	ZM_057_A2_A09		ZM_057_A2_A09_MR
44688	ZM_057_A2_A10	ZM_057_A2_A10_T7C	
44689	ZM_057_A2_A10		ZM_057_A2_A10_MR
44690	ZM_057_A2_A11		ZM_057_A2_A11_MR
44691	ZM_057_A2_A12	ZM_057_A2_A12_T7C	
44692	ZM_057_A2_B02		ZM_057_A2_B02_MR
44693	ZM_057_A2_B03	ZM_057_A2_B03_T7C	
44694	ZM_057_A2_B03		ZM_057_A2_B03_MR
44695	ZM_057_A2_B04		ZM_057_A2_B04_MR
44696	ZM_057_A2_B05	ZM_057_A2_B05_T7C	
44697	ZM_057_A2_B05		ZM_057_A2_B05_MR
44698	ZM_057_A2_B06		ZM_057_A2_B06_MR
44699	ZM_057_A2_B07	ZM_057_A2_B07_T7C	
44700	ZM_057_A2_B07		ZM_057_A2_B07_MR
44701	ZM_057_A2_B08	ZM_057_A2_B08_T7C	
44702	ZM_057_A2_B08		ZM_057_A2_B08_MR
44703	ZM_057_A2_B09	ZM_057_A2_B09_T7C	
44704	ZM_057_A2_B09		ZM_057_A2_B09_MR
44705	ZM_057_A2_B10	ZM_057_A2_B10_T7C	
44706	ZM_057_A2_B10		ZM_057_A2_B10_MR
44707	ZM_057_A2_B11	ZM_057_A2_B11_T7C	
44708	ZM_057_A2_B11		ZM_057_A2_B11_MR
44709	ZM_057_A2_B12	ZM_057_A2_B12_T7C	
44710	ZM_057_A2_B12		ZM_057_A2_B12_MR
44711	ZM_057_A2_C02		ZM_057_A2_C02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44712	ZM_057_A2_C03	ZM_057_A2_C03_T7C	
44713	ZM_057_A2_C03		ZM_057_A2_C03_MR
44714	ZM_057_A2_D02	ZM_057_A2_D02_T7C	
44715	ZM_057_A2_D02		ZM_057_A2_D02_MR
44716	ZM_057_A2_D03	ZM_057_A2_D03_T7C	
44717	ZM_057_A2_D03		ZM_057_A2_D03_MR
44718	ZM_057_A2_D04		ZM_057_A2_D04_MR
44719	ZM_057_A2_D05	ZM_057_A2_D05_T7C	
44720	ZM_057_A2_D05		ZM_057_A2_D05_MR
44721	ZM_057_A2_D06		ZM_057_A2_D06_MR
44722	ZM_057_A2_D07		ZM_057_A2_D07_MR
44723	ZM_057_A2_D08	ZM_057_A2_D08_T7C	
44724	ZM_057_A2_D08		ZM_057_A2_D08_MR
44725	ZM_057_A2_D09	ZM_057_A2_D09_T7C	
44726	ZM_057_A2_D09		ZM_057_A2_D09_MR
44727	ZM_057_A2_D10	ZM_057_A2_D10_T7C	
44728	ZM_057_A2_D10		ZM_057_A2_D10_MR
44729	ZM_057_A2_D11		ZM_057_A2_D11_MR
44730	ZM_057_A2_D12	ZM_057_A2_D12_T7C	
44731	ZM_057_A2_D12		ZM_057_A2_D12_MR
44732	ZM_057_A2_E01		ZM_057_A2_E01_MR
44733	ZM_057_A2_E02		ZM_057_A2_E02_MR
44734	ZM_057_A2_E03	ZM_057_A2_E03_T7C	
44735	ZM_057_A2_E03		ZM_057_A2_E03_MR
44736	ZM_057_A2_E04	ZM_057_A2_E04_T7C	
44737	ZM_057_A2_E04		ZM_057_A2_E04_MR
44738	ZM_057_A2_E05	ZM_057_A2_E05_T7C	
44739	ZM_057_A2_E05		ZM_057_A2_E05_MR
44740	ZM_057_A2_E06		ZM_057_A2_E06_MR
44741	ZM_057_A2_E07		ZM_057_A2_E07_MR
44742	ZM_057_A2_E08	ZM_057_A2_E08_T7C	
44743	ZM_057_A2_E08		ZM_057_A2_E08_MR
44744	ZM_057_A2_E09	ZM_057_A2_E09_T7C	
44745	ZM_057_A2_E09		ZM_057_A2_E09_MR
44746	ZM_057_A2_E10	ZM_057_A2_E10_T7C	
44747	ZM_057_A2_E10		ZM_057_A2_E10_MR
44748	ZM_057_A2_E11		ZM_057_A2_E11_MR
44749	ZM_057_A2_E12	ZM_057_A2_E12_T7C	
44750	ZM_057_A2_E12		ZM_057_A2_E12_MR
44751	ZM_057_A2_F01		ZM_057_A2_F01_MR
44752	ZM_057_A2_F02		ZM_057_A2_F02_MR
44753	ZM_057_A2_F03	ZM_057_A2_F03_T7C	
44754	ZM_057_A2_F03		ZM_057_A2_F03_MR
44755	ZM_057_A2_F04	ZM_057_A2_F04_T7C	
44756	ZM_057_A2_F04		ZM_057_A2_F04_MR
44757	ZM_057_A2_F05	ZM_057_A2_F05_T7C	
44758	ZM_057_A2_F05		ZM_057_A2_F05_MR
44759	ZM_057_A2_F06		ZM_057_A2_F06_MR
44760	ZM_057_A2_F07		ZM_057_A2_F07_MR
44761	ZM_057_A2_F08	ZM_057_A2_F08_T7C	
44762	ZM_057_A2_F08		ZM_057_A2_F08_MR
44763	ZM_057_A2_F09	ZM_057_A2_F09_T7C	
44764	ZM_057_A2_F10		ZM_057_A2_F10_MR
44765	ZM_057_A2_F11		ZM_057_A2_F11_MR
44766	ZM_057_A2_F12	ZM_057_A2_F12_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44767	ZM_057_A2_F12		ZM_057_A2_F12_MR
44768	ZM_057_A2_G01		ZM_057_A2_G01_MR
44769	ZM_057_A2_G02		ZM_057_A2_G02_MR
44770	ZM_057_A2_G03		ZM_057_A2_G03_MR
44771	ZM_057_A2_G04	ZM_057_A2_G04_T7C	
44772	ZM_057_A2_G04		ZM_057_A2_G04_MR
44773	ZM_057_A2_G05	ZM_057_A2_G05_T7C	
44774	ZM_057_A2_G05		ZM_057_A2_G05_MR
44775	ZM_057_A2_G06	ZM_057_A2_G06_T7C	
44776	ZM_057_A2_G06		ZM_057_A2_G06_MR
44777	ZM_057_A2_G07	ZM_057_A2_G07_T7C	
44778	ZM_057_A2_G08	ZM_057_A2_G08_T7C	
44779	ZM_057_A2_G08		ZM_057_A2_G08_MR
44780	ZM_057_A2_G09		ZM_057_A2_G09_MR
44781	ZM_057_A2_G10	ZM_057_A2_G10_T7C	
44782	ZM_057_A2_G10		ZM_057_A2_G10_MR
44783	ZM_057_A2_G11		ZM_057_A2_G11_MR
44784	ZM_057_A2_G12	ZM_057_A2_G12_T7C	
44785	ZM_057_A2_G12		ZM_057_A2_G12_MR
44786	ZM_057_A2_H01		ZM_057_A2_H01_MR
44787	ZM_057_A2_H02		ZM_057_A2_H02_MR
44788	ZM_057_A2_H03	ZM_057_A2_H03_T7C	
44789	ZM_057_A2_H03		ZM_057_A2_H03_MR
44790	ZM_057_A2_H04	ZM_057_A2_H04_T7C	
44791	ZM_057_A2_H04		ZM_057_A2_H04_MR
44792	ZM_057_A2_H05	ZM_057_A2_H05_T7C	
44793	ZM_057_A2_H05		ZM_057_A2_H05_MR
44794	ZM_057_A2_H06		ZM_057_A2_H06_MR
44795	ZM_057_A2_H07	ZM_057_A2_H07_T7C	
44796	ZM_057_A2_H07		ZM_057_A2_H07_MR
44797	ZM_057_A2_H08	ZM_057_A2_H08_T7C	
44798	ZM_057_A2_H08		ZM_057_A2_H08_MR
44799	ZM_057_A2_H10	ZM_057_A2_H10_T7C	
44800	ZM_057_A2_H10		ZM_057_A2_H10_MR
44801	ZM_057_A2_H11	ZM_057_A2_H11_T7C	
44802	ZM_057_A2_H11		ZM_057_A2_H11_MR
44803	ZM_057_A2_H12	ZM_057_A2_H12_T7C	
44804	ZM_057_A2_H12		ZM_057_A2_H12_MR
44805	ZM_057_B1_A01	ZM_057_B1_A01_T7C	
44806	ZM_057_B1_A01		ZM_057_B1_A01_MR
44807	ZM_057_B1_A02	ZM_057_B1_A02_T7C	
44808	ZM_057_B1_A02		ZM_057_B1_A02_MR
44809	ZM_057_B1_A03	ZM_057_B1_A03_T7C	
44810	ZM_057_B1_A04	ZM_057_B1_A04_T7C	
44811	ZM_057_B1_A04		ZM_057_B1_A04_MR
44812	ZM_057_B1_A05	ZM_057_B1_A05_T7C	
44813	ZM_057_B1_A05		ZM_057_B1_A05_MR
44814	ZM_057_B1_A06	ZM_057_B1_A06_T7C	
44815	ZM_057_B1_A06		ZM_057_B1_A06_MR
44816	ZM_057_B1_A08	ZM_057_B1_A08_T7C	
44817	ZM_057_B1_A08		ZM_057_B1_A08_MR
44818	ZM_057_B1_A09	ZM_057_B1_A09_T7C	
44819	ZM_057_B1_A09		ZM_057_B1_A09_MR
44820	ZM_057_B1_A10	ZM_057_B1_A10_T7C	
44821	ZM_057_B1_A10		ZM_057_B1_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44822	ZM_057_B1_A11	ZM_057_B1_A11_T7C	
44823	ZM_057_B1_A12	ZM_057_B1_A12_T7C	
44824	ZM_057_B1_A12		ZM_057_B1_A12_MR
44825	ZM_057_B1_B01	ZM_057_B1_B01_T7C	
44826	ZM_057_B1_B02	ZM_057_B1_B02_T7C	
44827	ZM_057_B1_B03	ZM_057_B1_B03_T7C	
44828	ZM_057_B1_B03		ZM_057_B1_B03_MR
44829	ZM_057_B1_B04	ZM_057_B1_B04_T7C	
44830	ZM_057_B1_B04		ZM_057_B1_B04_MR
44831	ZM_057_B1_B05	ZM_057_B1_B05_T7C	
44832	ZM_057_B1_B05		ZM_057_B1_B05_MR
44833	ZM_057_B1_B06	ZM_057_B1_B06_T7C	
44834	ZM_057_B1_B06		ZM_057_B1_B06_MR
44835	ZM_057_B1_B07	ZM_057_B1_B07_T7C	
44836	ZM_057_B1_B07		ZM_057_B1_B07_MR
44837	ZM_057_B1_B08	ZM_057_B1_B08_T7C	
44838	ZM_057_B1_B10	ZM_057_B1_B10_T7C	
44839	ZM_057_B1_B10		ZM_057_B1_B10_MR
44840	ZM_057_B1_B11	ZM_057_B1_B11_T7C	
44841	ZM_057_B1_B11		ZM_057_B1_B11_MR
44842	ZM_057_B1_B12	ZM_057_B1_B12_T7C	
44843	ZM_057_B1_B12		ZM_057_B1_B12_MR
44844	ZM_057_B1_C01	ZM_057_B1_C01_T7C	
44845	ZM_057_B1_C01		ZM_057_B1_C01_MR
44846	ZM_057_B1_C02	ZM_057_B1_C02_T7C	
44847	ZM_057_B1_C02		ZM_057_B1_C02_MR
44848	ZM_057_B1_C03	ZM_057_B1_C03_T7C	
44849	ZM_057_B1_C03		ZM_057_B1_C03_MR
44850	ZM_057_B1_C04	ZM_057_B1_C04_T7C	
44851	ZM_057_B1_C04		ZM_057_B1_C04_MR
44852	ZM_057_B1_C05	ZM_057_B1_C05_T7C	
44853	ZM_057_B1_C05		ZM_057_B1_C05_MR
44854	ZM_057_B1_C06	ZM_057_B1_C06_T7C	
44855	ZM_057_B1_C06		ZM_057_B1_C06_MR
44856	ZM_057_B1_C07	ZM_057_B1_C07_T7C	
44857	ZM_057_B1_C07		ZM_057_B1_C07_MR
44858	ZM_057_B1_C08	ZM_057_B1_C08_T7C	
44859	ZM_057_B1_C09	ZM_057_B1_C09_T7C	
44860	ZM_057_B1_C09		ZM_057_B1_C09_MR
44861	ZM_057_B1_D01	ZM_057_B1_D01_T7C	
44862	ZM_057_B1_D01		ZM_057_B1_D01_MR
44863	ZM_057_B1_D02	ZM_057_B1_D02_T7C	
44864	ZM_057_B1_D02		ZM_057_B1_D02_MR
44865	ZM_057_B1_D03	ZM_057_B1_D03_T7C	
44866	ZM_057_B1_D03		ZM_057_B1_D03_MR
44867	ZM_057_B1_D04	ZM_057_B1_D04_T7C	
44868	ZM_057_B1_D04		ZM_057_B1_D04_MR
44869	ZM_057_B1_D05	ZM_057_B1_D05_T7C	
44870	ZM_057_B1_D05		ZM_057_B1_D05_MR
44871	ZM_057_B1_D06	ZM_057_B1_D06_T7C	
44872	ZM_057_B1_D06		ZM_057_B1_D06_MR
44873	ZM_057_B1_D07	ZM_057_B1_D07_T7C	
44874	ZM_057_B1_D07		ZM_057_B1_D07_MR
44875	ZM_057_B1_D08		ZM_057_B1_D08_MR
44876	ZM_057_B1_D09	ZM_057_B1_D09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44877	ZM_057_B1_D09		ZM_057_B1_D09_MR
44878	ZM_057_B1_D10	ZM_057_B1_D10_T7C	
44879	ZM_057_B1_D10		ZM_057_B1_D10_MR
44880	ZM_057_B1_D11	ZM_057_B1_D11_T7C	
44881	ZM_057_B1_D11		ZM_057_B1_D11_MR
44882	ZM_057_B1_D12	ZM_057_B1_D12_T7C	
44883	ZM_057_B1_D12		ZM_057_B1_D12_MR
44884	ZM_057_B1_E01	ZM_057_B1_E01_T7C	
44885	ZM_057_B1_E02	ZM_057_B1_E02_T7C	
44886	ZM_057_B1_E02		ZM_057_B1_E02_MR
44887	ZM_057_B1_E03	ZM_057_B1_E03_T7C	
44888	ZM_057_B1_E03		ZM_057_B1_E03_MR
44889	ZM_057_B1_E04	ZM_057_B1_E04_T7C	
44890	ZM_057_B1_E04		ZM_057_B1_E04_MR
44891	ZM_057_B1_E05	ZM_057_B1_E05_T7C	
44892	ZM_057_B1_E05		ZM_057_B1_E05_MR
44893	ZM_057_B1_E06	ZM_057_B1_E06_T7C	
44894	ZM_057_B1_E06		ZM_057_B1_E06_MR
44895	ZM_057_B1_E07	ZM_057_B1_E07_T7C	
44896	ZM_057_B1_E07		ZM_057_B1_E07_MR
44897	ZM_057_B1_E08	ZM_057_B1_E08_T7C	
44898	ZM_057_B1_E08		ZM_057_B1_E08_MR
44899	ZM_057_B1_E09	ZM_057_B1_E09_T7C	
44900	ZM_057_B1_E09		ZM_057_B1_E09_MR
44901	ZM_057_B1_E10	ZM_057_B1_E10_T7C	
44902	ZM_057_B1_E10		ZM_057_B1_E10_MR
44903	ZM_057_B1_E11	ZM_057_B1_E11_T7C	
44904	ZM_057_B1_E11		ZM_057_B1_E11_MR
44905	ZM_057_B1_E12	ZM_057_B1_E12_T7C	
44906	ZM_057_B1_E12		ZM_057_B1_E12_MR
44907	ZM_057_B1_F01	ZM_057_B1_F01_T7C	
44908	ZM_057_B1_F01		ZM_057_B1_F01_MR
44909	ZM_057_B1_F02	ZM_057_B1_F02_T7C	
44910	ZM_057_B1_F02		ZM_057_B1_F02_MR
44911	ZM_057_B1_F03	ZM_057_B1_F03_T7C	
44912	ZM_057_B1_F04	ZM_057_B1_F04_T7C	
44913	ZM_057_B1_F04		ZM_057_B1_F04_MR
44914	ZM_057_B1_F05	ZM_057_B1_F05_T7C	
44915	ZM_057_B1_F05		ZM_057_B1_F05_MR
44916	ZM_057_B1_F06	ZM_057_B1_F06_T7C	
44917	ZM_057_B1_F06		ZM_057_B1_F06_MR
44918	ZM_057_B1_F07	ZM_057_B1_F07_T7C	
44919	ZM_057_B1_F07		ZM_057_B1_F07_MR
44920	ZM_057_B1_F08	ZM_057_B1_F08_T7C	
44921	ZM_057_B1_F08		ZM_057_B1_F08_MR
44922	ZM_057_B1_F09	ZM_057_B1_F09_T7C	
44923	ZM_057_B1_F09		ZM_057_B1_F09_MR
44924	ZM_057_B1_F10	ZM_057_B1_F10_T7C	
44925	ZM_057_B1_F10		ZM_057_B1_F10_MR
44926	ZM_057_B1_F11	ZM_057_B1_F11_T7C	
44927	ZM_057_B1_F11		ZM_057_B1_F11_MR
44928	ZM_057_B1_F12	ZM_057_B1_F12_T7C	
44929	ZM_057_B1_F12		ZM_057_B1_F12_MR
44930	ZM_057_B1_G01	ZM_057_B1_G01_T7C	
44931	ZM_057_B1_G01		ZM_057_B1_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44932	ZM_057_B1_G02		ZM_057_B1_G02_MR
44933	ZM_057_B1_G03	ZM_057_B1_G03_T7C	
44934	ZM_057_B1_G03		ZM_057_B1_G03_MR
44935	ZM_057_B1_G04	ZM_057_B1_G04_T7C	
44936	ZM_057_B1_G04		ZM_057_B1_G04_MR
44937	ZM_057_B1_G05	ZM_057_B1_G05_T7C	
44938	ZM_057_B1_G05		ZM_057_B1_G05_MR
44939	ZM_057_B1_G06	ZM_057_B1_G06_T7C	
44940	ZM_057_B1_G06		ZM_057_B1_G06_MR
44941	ZM_057_B1_G07	ZM_057_B1_G07_T7C	
44942	ZM_057_B1_G07		ZM_057_B1_G07_MR
44943	ZM_057_B1_G08	ZM_057_B1_G08_T7C	
44944	ZM_057_B1_G08		ZM_057_B1_G08_MR
44945	ZM_057_B1_G09		ZM_057_B1_G09_MR
44946	ZM_057_B1_G10	ZM_057_B1_G10_T7C	
44947	ZM_057_B1_G10		ZM_057_B1_G10_MR
44948	ZM_057_B1_G11	ZM_057_B1_G11_T7C	
44949	ZM_057_B1_G11		ZM_057_B1_G11_MR
44950	ZM_057_B1_G12	ZM_057_B1_G12_T7C	
44951	ZM_057_B1_G12		ZM_057_B1_G12_MR
44952	ZM_057_B1_H01	ZM_057_B1_H01_T7C	
44953	ZM_057_B1_H01		ZM_057_B1_H01_MR
44954	ZM_057_B1_H02		ZM_057_B1_H02_MR
44955	ZM_057_B1_H03		ZM_057_B1_H03_MR
44956	ZM_057_B1_H04	ZM_057_B1_H04_T7C	
44957	ZM_057_B1_H04		ZM_057_B1_H04_MR
44958	ZM_057_B1_H05	ZM_057_B1_H05_T7C	
44959	ZM_057_B1_H06	ZM_057_B1_H06_T7C	
44960	ZM_057_B1_H06		ZM_057_B1_H06_MR
44961	ZM_057_B1_H07	ZM_057_B1_H07_T7C	
44962	ZM_057_B1_H07		ZM_057_B1_H07_MR
44963	ZM_057_B1_H08	ZM_057_B1_H08_T7C	
44964	ZM_057_B1_H08		ZM_057_B1_H08_MR
44965	ZM_057_B1_H09	ZM_057_B1_H09_T7C	
44966	ZM_057_B1_H09		ZM_057_B1_H09_MR
44967	ZM_057_B1_H10	ZM_057_B1_H10_T7C	
44968	ZM_057_B1_H10		ZM_057_B1_H10_MR
44969	ZM_057_B1_H11	ZM_057_B1_H11_T7C	
44970	ZM_057_B1_H11		ZM_057_B1_H11_MR
44971	ZM_057_B1_H12		ZM_057_B1_H12_MR
44972	ZM_057_B2_A01	ZM_057_B2_A01_T7C	
44973	ZM_057_B2_A01		ZM_057_B2_A01_MR
44974	ZM_057_B2_A03	ZM_057_B2_A03_T7C	
44975	ZM_057_B2_A03		ZM_057_B2_A03_MR
44976	ZM_057_B2_A04		ZM_057_B2_A04_MR
44977	ZM_057_B2_A05	ZM_057_B2_A05_T7C	
44978	ZM_057_B2_A05		ZM_057_B2_A05_MR
44979	ZM_057_B2_A06	ZM_057_B2_A06_T7C	
44980	ZM_057_B2_A06		ZM_057_B2_A06_MR
44981	ZM_057_B2_A07	ZM_057_B2_A07_T7C	
44982	ZM_057_B2_A07		ZM_057_B2_A07_MR
44983	ZM_057_B2_A08		ZM_057_B2_A08_MR
44984	ZM_057_B2_A09	ZM_057_B2_A09_T7C	
44985	ZM_057_B2_A09		ZM_057_B2_A09_MR
44986	ZM_057_B2_A10	ZM_057_B2_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
44987	ZM_057_B2_A10		ZM_057_B2_A10_MR
44988	ZM_057_B2_A11	ZM_057_B2_A11_T7C	
44989	ZM_057_B2_A11		ZM_057_B2_A11_MR
44990	ZM_057_B2_A12	ZM_057_B2_A12_T7C	
44991	ZM_057_B2_A12		ZM_057_B2_A12_MR
44992	ZM_057_B2_B01	ZM_057_B2_B01_T7C	
44993	ZM_057_B2_B01		ZM_057_B2_B01_MR
44994	ZM_057_B2_B02	ZM_057_B2_B02_T7C	
44995	ZM_057_B2_B02		ZM_057_B2_B02_MR
44996	ZM_057_B2_B03	ZM_057_B2_B03_T7C	
44997	ZM_057_B2_B03		ZM_057_B2_B03_MR
44998	ZM_057_B2_B04	ZM_057_B2_B04_T7C	
44999	ZM_057_B2_B04		ZM_057_B2_B04_MR
45000	ZM_057_B2_B05	ZM_057_B2_B05_T7C	
45001	ZM_057_B2_B05		ZM_057_B2_B05_MR
45002	ZM_057_B2_B07	ZM_057_B2_B07_T7C	
45003	ZM_057_B2_B08	ZM_057_B2_B08_T7C	
45004	ZM_057_B2_B08		ZM_057_B2_B08_MR
45005	ZM_057_B2_B09	ZM_057_B2_B09_T7C	
45006	ZM_057_B2_B09		ZM_057_B2_B09_MR
45007	ZM_057_B2_B10	ZM_057_B2_B10_T7C	
45008	ZM_057_B2_B10		ZM_057_B2_B10_MR
45009	ZM_057_B2_B12	ZM_057_B2_B12_T7C	
45010	ZM_057_B2_B12		ZM_057_B2_B12_MR
45011	ZM_057_B2_C01	ZM_057_B2_C01_T7C	
45012	ZM_057_B2_C01		ZM_057_B2_C01_MR
45013	ZM_057_B2_C02	ZM_057_B2_C02_T7C	
45014	ZM_057_B2_C02		ZM_057_B2_C02_MR
45015	ZM_057_B2_C03	ZM_057_B2_C03_T7C	
45016	ZM_057_B2_C03		ZM_057_B2_C03_MR
45017	ZM_057_B2_C04	ZM_057_B2_C04_T7C	
45018	ZM_057_B2_C04		ZM_057_B2_C04_MR
45019	ZM_057_B2_C06	ZM_057_B2_C06_T7C	
45020	ZM_057_B2_C07	ZM_057_B2_C07_T7C	
45021	ZM_057_B2_C08		ZM_057_B2_C08_MR
45022	ZM_057_B2_C09	ZM_057_B2_C09_T7C	
45023	ZM_057_B2_C09		ZM_057_B2_C09_MR
45024	ZM_057_B2_D01	ZM_057_B2_D01_T7C	
45025	ZM_057_B2_D01		ZM_057_B2_D01_MR
45026	ZM_057_B2_D02		ZM_057_B2_D02_MR
45027	ZM_057_B2_D03	ZM_057_B2_D03_T7C	
45028	ZM_057_B2_D03		ZM_057_B2_D03_MR
45029	ZM_057_B2_D04	ZM_057_B2_D04_T7C	
45030	ZM_057_B2_D04		ZM_057_B2_D04_MR
45031	ZM_057_B2_D05	ZM_057_B2_D05_T7C	
45032	ZM_057_B2_D05		ZM_057_B2_D05_MR
45033	ZM_057_B2_D06		ZM_057_B2_D06_MR
45034	ZM_057_B2_D07	ZM_057_B2_D07_T7C	
45035	ZM_057_B2_D08	ZM_057_B2_D08_T7C	
45036	ZM_057_B2_D08		ZM_057_B2_D08_MR
45037	ZM_057_B2_D09		ZM_057_B2_D09_MR
45038	ZM_057_B2_D10	ZM_057_B2_D10_T7C	
45039	ZM_057_B2_D10		ZM_057_B2_D10_MR
45040	ZM_057_B2_D11	ZM_057_B2_D11_T7C	
45041	ZM_057_B2_D11		ZM_057_B2_D11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45042	ZM_057_B2_D12	ZM_057_B2_D12_T7C	
45043	ZM_057_B2_E01	ZM_057_B2_E01_T7C	
45044	ZM_057_B2_E01		ZM_057_B2_E01_MR
45045	ZM_057_B2_E02	ZM_057_B2_E02_T7C	
45046	ZM_057_B2_E02		ZM_057_B2_E02_MR
45047	ZM_057_B2_E03	ZM_057_B2_E03_T7C	
45048	ZM_057_B2_E03		ZM_057_B2_E03_MR
45049	ZM_057_B2_E04		ZM_057_B2_E04_MR
45050	ZM_057_B2_E05	ZM_057_B2_E05_T7C	
45051	ZM_057_B2_E05		ZM_057_B2_E05_MR
45052	ZM_057_B2_E06	ZM_057_B2_E06_T7C	
45053	ZM_057_B2_E07	ZM_057_B2_E07_T7C	
45054	ZM_057_B2_E07		ZM_057_B2_E07_MR
45055	ZM_057_B2_E08	ZM_057_B2_E08_T7C	
45056	ZM_057_B2_E09	ZM_057_B2_E09_T7C	
45057	ZM_057_B2_E09		ZM_057_B2_E09_MR
45058	ZM_057_B2_E10		ZM_057_B2_E10_MR
45059	ZM_057_B2_E12	ZM_057_B2_E12_T7C	
45060	ZM_057_B2_E12		ZM_057_B2_E12_MR
45061	ZM_057_B2_F01	ZM_057_B2_F01_T7C	
45062	ZM_057_B2_F01		ZM_057_B2_F01_MR
45063	ZM_057_B2_F02	ZM_057_B2_F02_T7C	
45064	ZM_057_B2_F02		ZM_057_B2_F02_MR
45065	ZM_057_B2_F03	ZM_057_B2_F03_T7C	
45066	ZM_057_B2_F03		ZM_057_B2_F03_MR
45067	ZM_057_B2_F04	ZM_057_B2_F04_T7C	
45068	ZM_057_B2_F05		ZM_057_B2_F05_MR
45069	ZM_057_B2_F06	ZM_057_B2_F06_T7C	
45070	ZM_057_B2_F06		ZM_057_B2_F06_MR
45071	ZM_057_B2_F07	ZM_057_B2_F07_T7C	
45072	ZM_057_B2_F07		ZM_057_B2_F07_MR
45073	ZM_057_B2_F08	ZM_057_B2_F08_T7C	
45074	ZM_057_B2_F08		ZM_057_B2_F08_MR
45075	ZM_057_B2_F09		ZM_057_B2_F09_MR
45076	ZM_057_B2_F10		ZM_057_B2_F10_MR
45077	ZM_057_B2_F11	ZM_057_B2_F11_T7C	
45078	ZM_057_B2_F11		ZM_057_B2_F11_MR
45079	ZM_057_B2_G01	ZM_057_B2_G01_T7C	
45080	ZM_057_B2_G01		ZM_057_B2_G01_MR
45081	ZM_057_B2_G02	ZM_057_B2_G02_T7C	
45082	ZM_057_B2_G02		ZM_057_B2_G02_MR
45083	ZM_057_B2_G03	ZM_057_B2_G03_T7C	
45084	ZM_057_B2_G03		ZM_057_B2_G03_MR
45085	ZM_057_B2_G04	ZM_057_B2_G04_T7C	
45086	ZM_057_B2_G04		ZM_057_B2_G04_MR
45087	ZM_057_B2_G05	ZM_057_B2_G05_T7C	
45088	ZM_057_B2_G05		ZM_057_B2_G05_MR
45089	ZM_057_B2_G06	ZM_057_B2_G06_T7C	
45090	ZM_057_B2_G09		ZM_057_B2_G09_MR
45091	ZM_057_B2_G10	ZM_057_B2_G10_T7C	
45092	ZM_057_B2_G11		ZM_057_B2_G11_MR
45093	ZM_057_B2_G12	ZM_057_B2_G12_T7C	
45094	ZM_057_B2_G12		ZM_057_B2_G12_MR
45095	ZM_057_B2_H01	ZM_057_B2_H01_T7C	
45096	ZM_057_B2_H01		ZM_057_B2_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45097	ZM_057_B2_H02	ZM_057_B2_H02_T7C	
45098	ZM_057_B2_H02		ZM_057_B2_H02_MR
45099	ZM_057_B2_H03	ZM_057_B2_H03_T7C	
45100	ZM_057_B2_H03		ZM_057_B2_H03_MR
45101	ZM_057_B2_H05	ZM_057_B2_H05_T7C	
45102	ZM_057_B2_H05		ZM_057_B2_H05_MR
45103	ZM_057_B2_H06	ZM_057_B2_H06_T7C	
45104	ZM_057_B2_H06		ZM_057_B2_H06_MR
45105	ZM_057_B2_H07	ZM_057_B2_H07_T7C	
45106	ZM_057_B2_H07		ZM_057_B2_H07_MR
45107	ZM_057_B2_H08	ZM_057_B2_H08_T7C	
45108	ZM_057_B2_H08		ZM_057_B2_H08_MR
45109	ZM_057_B2_H09		ZM_057_B2_H09_MR
45110	ZM_057_B2_H10	ZM_057_B2_H10_T7C	
45111	ZM_057_B2_H10		ZM_057_B2_H10_MR
45112	ZM_057_B2_H11	ZM_057_B2_H11_T7C	
45113	ZM_057_B2_H11		ZM_057_B2_H11_MR
45114	ZM_057_B2_H12	ZM_057_B2_H12_T7C	
45115	ZM_058_A1_A01	ZM_058_A1_A01_T7C	
45116	ZM_058_A1_A01		ZM_058_A1_A01_MR
45117	ZM_058_A1_A02	ZM_058_A1_A02_T7C	
45118	ZM_058_A1_A03		ZM_058_A1_A03_MR
45119	ZM_058_A1_A04	ZM_058_A1_A04_T7C	
45120	ZM_058_A1_A04		ZM_058_A1_A04_MR
45121	ZM_058_A1_A05	ZM_058_A1_A05_T7C	
45122	ZM_058_A1_A05		ZM_058_A1_A05_MR
45123	ZM_058_A1_A06	ZM_058_A1_A06_T7C	
45124	ZM_058_A1_A06		ZM_058_A1_A06_MR
45125	ZM_058_A1_A07	ZM_058_A1_A07_T7C	
45126	ZM_058_A1_A07		ZM_058_A1_A07_MR
45127	ZM_058_A1_A08	ZM_058_A1_A08_T7C	
45128	ZM_058_A1_A08		ZM_058_A1_A08_MR
45129	ZM_058_A1_A09	ZM_058_A1_A09_T7C	
45130	ZM_058_A1_A09		ZM_058_A1_A09_MR
45131	ZM_058_A1_A10	ZM_058_A1_A10_T7C	
45132	ZM_058_A1_A10		ZM_058_A1_A10_MR
45133	ZM_058_A1_A11	ZM_058_A1_A11_T7C	
45134	ZM_058_A1_A12	ZM_058_A1_A12_T7C	
45135	ZM_058_A1_A12		ZM_058_A1_A12_MR
45136	ZM_058_A1_B01	ZM_058_A1_B01_T7C	
45137	ZM_058_A1_B01		ZM_058_A1_B01_MR
45138	ZM_058_A1_B02	ZM_058_A1_B02_T7C	
45139	ZM_058_A1_B02		ZM_058_A1_B02_MR
45140	ZM_058_A1_B03	ZM_058_A1_B03_T7C	
45141	ZM_058_A1_B03		ZM_058_A1_B03_MR
45142	ZM_058_A1_B04	ZM_058_A1_B04_T7C	
45143	ZM_058_A1_B04		ZM_058_A1_B04_MR
45144	ZM_058_A1_B05	ZM_058_A1_B05_T7C	
45145	ZM_058_A1_B05		ZM_058_A1_B05_MR
45146	ZM_058_A1_B06	ZM_058_A1_B06_T7C	
45147	ZM_058_A1_B07	ZM_058_A1_B07_T7C	
45148	ZM_058_A1_B07		ZM_058_A1_B07_MR
45149	ZM_058_A1_B08	ZM_058_A1_B08_T7C	
45150	ZM_058_A1_B08		ZM_058_A1_B08_MR
45151	ZM_058_A1_B09	ZM_058_A1_B09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45152	ZM_058_A1_B09		ZM_058_A1_B09_MR
45153	ZM_058_A1_B10	ZM_058_A1_B10_T7C	
45154	ZM_058_A1_B10		ZM_058_A1_B10_MR
45155	ZM_058_A1_B11	ZM_058_A1_B11_T7C	
45156	ZM_058_A1_B12	ZM_058_A1_B12_T7C	
45157	ZM_058_A1_B12		ZM_058_A1_B12_MR
45158	ZM_058_A1_C01	ZM_058_A1_C01_T7C	
45159	ZM_058_A1_C01		ZM_058_A1_C01_MR
45160	ZM_058_A1_C02	ZM_058_A1_C02_T7C	
45161	ZM_058_A1_C02		ZM_058_A1_C02_MR
45162	ZM_058_A1_C03	ZM_058_A1_C03_T7C	
45163	ZM_058_A1_C03		ZM_058_A1_C03_MR
45164	ZM_058_A1_C04	ZM_058_A1_C04_T7C	
45165	ZM_058_A1_C04		ZM_058_A1_C04_MR
45166	ZM_058_A1_C05	ZM_058_A1_C05_T7C	
45167	ZM_058_A1_C05		ZM_058_A1_C05_MR
45168	ZM_058_A1_C06	ZM_058_A1_C06_T7C	
45169	ZM_058_A1_C06		ZM_058_A1_C06_MR
45170	ZM_058_A1_C07	ZM_058_A1_C07_T7C	
45171	ZM_058_A1_C07		ZM_058_A1_C07_MR
45172	ZM_058_A1_C08	ZM_058_A1_C08_T7C	
45173	ZM_058_A1_C08		ZM_058_A1_C08_MR
45174	ZM_058_A1_C09	ZM_058_A1_C09_T7C	
45175	ZM_058_A1_C09		ZM_058_A1_C09_MR
45176	ZM_058_A1_C10	ZM_058_A1_C10_T7C	
45177	ZM_058_A1_C10		ZM_058_A1_C10_MR
45178	ZM_058_A1_C11	ZM_058_A1_C11_T7C	
45179	ZM_058_A1_C11		ZM_058_A1_C11_MR
45180	ZM_058_A1_C12	ZM_058_A1_C12_T7C	
45181	ZM_058_A1_C12		ZM_058_A1_C12_MR
45182	ZM_058_A1_D01	ZM_058_A1_D01_T7C	
45183	ZM_058_A1_D01		ZM_058_A1_D01_MR
45184	ZM_058_A1_D02	ZM_058_A1_D02_T7C	
45185	ZM_058_A1_D02		ZM_058_A1_D02_MR
45186	ZM_058_A1_D03	ZM_058_A1_D03_T7C	
45187	ZM_058_A1_D03		ZM_058_A1_D03_MR
45188	ZM_058_A1_D04	ZM_058_A1_D04_T7C	
45189	ZM_058_A1_D04		ZM_058_A1_D04_MR
45190	ZM_058_A1_D05	ZM_058_A1_D05_T7C	
45191	ZM_058_A1_D05		ZM_058_A1_D05_MR
45192	ZM_058_A1_D06	ZM_058_A1_D06_T7C	
45193	ZM_058_A1_D06		ZM_058_A1_D06_MR
45194	ZM_058_A1_D07	ZM_058_A1_D07_T7C	
45195	ZM_058_A1_D07		ZM_058_A1_D07_MR
45196	ZM_058_A1_D08	ZM_058_A1_D08_T7C	
45197	ZM_058_A1_D08		ZM_058_A1_D08_MR
45198	ZM_058_A1_D09	ZM_058_A1_D09_T7C	
45199	ZM_058_A1_D09		ZM_058_A1_D09_MR
45200	ZM_058_A1_D10	ZM_058_A1_D10_T7C	
45201	ZM_058_A1_D10		ZM_058_A1_D10_MR
45202	ZM_058_A1_D11	ZM_058_A1_D11_T7C	
45203	ZM_058_A1_D11		ZM_058_A1_D11_MR
45204	ZM_058_A1_D12	ZM_058_A1_D12_T7C	
45205	ZM_058_A1_D12		ZM_058_A1_D12_MR
45206	ZM_058_A1_E01	ZM_058_A1_E01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45207	ZM_058_A1_E01		ZM_058_A1_E01_MR
45208	ZM_058_A1_E02	ZM_058_A1_E02_T7C	
45209	ZM_058_A1_E02		ZM_058_A1_E02_MR
45210	ZM_058_A1_E03	ZM_058_A1_E03_T7C	
45211	ZM_058_A1_E03		ZM_058_A1_E03_MR
45212	ZM_058_A1_E04	ZM_058_A1_E04_T7C	
45213	ZM_058_A1_E04		ZM_058_A1_E04_MR
45214	ZM_058_A1_E05	ZM_058_A1_E05_T7C	
45215	ZM_058_A1_E05		ZM_058_A1_E05_MR
45216	ZM_058_A1_E06	ZM_058_A1_E06_T7C	
45217	ZM_058_A1_E06		ZM_058_A1_E06_MR
45218	ZM_058_A1_E07	ZM_058_A1_E07_T7C	
45219	ZM_058_A1_E07		ZM_058_A1_E07_MR
45220	ZM_058_A1_E08	ZM_058_A1_E08_T7C	
45221	ZM_058_A1_E08		ZM_058_A1_E08_MR
45222	ZM_058_A1_E09	ZM_058_A1_E09_T7C	
45223	ZM_058_A1_E09		ZM_058_A1_E09_MR
45224	ZM_058_A1_E10	ZM_058_A1_E10_T7C	
45225	ZM_058_A1_E10		ZM_058_A1_E10_MR
45226	ZM_058_A1_E11	ZM_058_A1_E11_T7C	
45227	ZM_058_A1_E11		ZM_058_A1_E11_MR
45228	ZM_058_A1_E12	ZM_058_A1_E12_T7C	
45229	ZM_058_A1_E12		ZM_058_A1_E12_MR
45230	ZM_058_A1_F01	ZM_058_A1_F01_T7C	
45231	ZM_058_A1_F01		ZM_058_A1_F01_MR
45232	ZM_058_A1_F02		ZM_058_A1_F02_MR
45233	ZM_058_A1_F03	ZM_058_A1_F03_T7C	
45234	ZM_058_A1_F03		ZM_058_A1_F03_MR
45235	ZM_058_A1_F04	ZM_058_A1_F04_T7C	
45236	ZM_058_A1_F04		ZM_058_A1_F04_MR
45237	ZM_058_A1_F06		ZM_058_A1_F06_MR
45238	ZM_058_A1_F07	ZM_058_A1_F07_T7C	
45239	ZM_058_A1_F07		ZM_058_A1_F07_MR
45240	ZM_058_A1_F08	ZM_058_A1_F08_T7C	
45241	ZM_058_A1_F08		ZM_058_A1_F08_MR
45242	ZM_058_A1_F09	ZM_058_A1_F09_T7C	
45243	ZM_058_A1_F09		ZM_058_A1_F09_MR
45244	ZM_058_A1_F10	ZM_058_A1_F10_T7C	
45245	ZM_058_A1_F10		ZM_058_A1_F10_MR
45246	ZM_058_A1_F11	ZM_058_A1_F11_T7C	
45247	ZM_058_A1_F11		ZM_058_A1_F11_MR
45248	ZM_058_A1_F12	ZM_058_A1_F12_T7C	
45249	ZM_058_A1_F12		ZM_058_A1_F12_MR
45250	ZM_058_A1_G01	ZM_058_A1_G01_T7C	
45251	ZM_058_A1_G01		ZM_058_A1_G01_MR
45252	ZM_058_A1_G02	ZM_058_A1_G02_T7C	
45253	ZM_058_A1_G02		ZM_058_A1_G02_MR
45254	ZM_058_A1_G03	ZM_058_A1_G03_T7C	
45255	ZM_058_A1_G03		ZM_058_A1_G03_MR
45256	ZM_058_A1_G04	ZM_058_A1_G04_T7C	
45257	ZM_058_A1_G04		ZM_058_A1_G04_MR
45258	ZM_058_A1_G05	ZM_058_A1_G05_T7C	
45259	ZM_058_A1_G05		ZM_058_A1_G05_MR
45260	ZM_058_A1_G06	ZM_058_A1_G06_T7C	
45261	ZM_058_A1_G06		ZM_058_A1_G06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45262	ZM_058_A1_G07	ZM_058_A1_G07_T7C	
45263	ZM_058_A1_G07		ZM_058_A1_G07_MR
45264	ZM_058_A1_G08	ZM_058_A1_G08_T7C	
45265	ZM_058_A1_G08		ZM_058_A1_G08_MR
45266	ZM_058_A1_G09	ZM_058_A1_G09_T7C	
45267	ZM_058_A1_G09		ZM_058_A1_G09_MR
45268	ZM_058_A1_G10	ZM_058_A1_G10_T7C	
45269	ZM_058_A1_G10		ZM_058_A1_G10_MR
45270	ZM_058_A1_G11	ZM_058_A1_G11_T7C	
45271	ZM_058_A1_G11		ZM_058_A1_G11_MR
45272	ZM_058_A1_G12	ZM_058_A1_G12_T7C	
45273	ZM_058_A1_G12		ZM_058_A1_G12_MR
45274	ZM_058_A1_H01	ZM_058_A1_H01_T7C	
45275	ZM_058_A1_H02	ZM_058_A1_H02_T7C	
45276	ZM_058_A1_H02		ZM_058_A1_H02_MR
45277	ZM_058_A1_H03	ZM_058_A1_H03_T7C	
45278	ZM_058_A1_H04	ZM_058_A1_H04_T7C	
45279	ZM_058_A1_H04		ZM_058_A1_H04_MR
45280	ZM_058_A1_H05	ZM_058_A1_H05_T7C	
45281	ZM_058_A1_H05		ZM_058_A1_H05_MR
45282	ZM_058_A1_H06	ZM_058_A1_H06_T7C	
45283	ZM_058_A1_H06		ZM_058_A1_H06_MR
45284	ZM_058_A1_H07	ZM_058_A1_H07_T7C	
45285	ZM_058_A1_H07		ZM_058_A1_H07_MR
45286	ZM_058_A1_H08	ZM_058_A1_H08_T7C	
45287	ZM_058_A1_H08		ZM_058_A1_H08_MR
45288	ZM_058_A1_H09	ZM_058_A1_H09_T7C	
45289	ZM_058_A1_H09		ZM_058_A1_H09_MR
45290	ZM_058_A1_H10	ZM_058_A1_H10_T7C	
45291	ZM_058_A1_H10		ZM_058_A1_H10_MR
45292	ZM_058_A1_H11	ZM_058_A1_H11_T7C	
45293	ZM_058_A1_H12	ZM_058_A1_H12_T7C	
45294	ZM_058_A1_H12		ZM_058_A1_H12_MR
45295	ZM_058_A2_A01	ZM_058_A2_A01_T7C	
45296	ZM_058_A2_A02	ZM_058_A2_A02_T7C	
45297	ZM_058_A2_A02		ZM_058_A2_A02_MR
45298	ZM_058_A2_A03	ZM_058_A2_A03_T7C	
45299	ZM_058_A2_A03		ZM_058_A2_A03_MR
45300	ZM_058_A2_A04	ZM_058_A2_A04_T7C	
45301	ZM_058_A2_A04		ZM_058_A2_A04_MR
45302	ZM_058_A2_A05	ZM_058_A2_A05_T7C	
45303	ZM_058_A2_A05		ZM_058_A2_A05_MR
45304	ZM_058_A2_A06	ZM_058_A2_A06_T7C	
45305	ZM_058_A2_A06		ZM_058_A2_A06_MR
45306	ZM_058_A2_A09	ZM_058_A2_A09_T7C	
45307	ZM_058_A2_A09		ZM_058_A2_A09_MR
45308	ZM_058_A2_A10	ZM_058_A2_A10_T7C	
45309	ZM_058_A2_A10		ZM_058_A2_A10_MR
45310	ZM_058_A2_A11		ZM_058_A2_A11_MR
45311	ZM_058_A2_A12	ZM_058_A2_A12_T7C	
45312	ZM_058_A2_A12		ZM_058_A2_A12_MR
45313	ZM_058_A2_B01	ZM_058_A2_B01_T7C	
45314	ZM_058_A2_B01		ZM_058_A2_B01_MR
45315	ZM_058_A2_B02		ZM_058_A2_B02_MR
45316	ZM_058_A2_B03	ZM_058_A2_B03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45317	ZM_058_A2_B04	ZM_058_A2_B04_T7C	
45318	ZM_058_A2_B04		ZM_058_A2_B04_MR
45319	ZM_058_A2_B05	ZM_058_A2_B05_T7C	
45320	ZM_058_A2_B05		ZM_058_A2_B05_MR
45321	ZM_058_A2_B06		ZM_058_A2_B06_MR
45322	ZM_058_A2_B07	ZM_058_A2_B07_T7C	
45323	ZM_058_A2_B07		ZM_058_A2_B07_MR
45324	ZM_058_A2_B08	ZM_058_A2_B08_T7C	
45325	ZM_058_A2_B09	ZM_058_A2_B09_T7C	
45326	ZM_058_A2_B10	ZM_058_A2_B10_T7C	
45327	ZM_058_A2_B11	ZM_058_A2_B11_T7C	
45328	ZM_058_A2_B12	ZM_058_A2_B12_T7C	
45329	ZM_058_A2_C01	ZM_058_A2_C01_T7C	
45330	ZM_058_A2_C01		ZM_058_A2_C01_MR
45331	ZM_058_A2_C02		ZM_058_A2_C02_MR
45332	ZM_058_A2_C03	ZM_058_A2_C03_T7C	
45333	ZM_058_A2_C03		ZM_058_A2_C03_MR
45334	ZM_058_A2_C04	ZM_058_A2_C04_T7C	
45335	ZM_058_A2_C04		ZM_058_A2_C04_MR
45336	ZM_058_A2_C05	ZM_058_A2_C05_T7C	
45337	ZM_058_A2_C06		ZM_058_A2_C06_MR
45338	ZM_058_A2_C07	ZM_058_A2_C07_T7C	
45339	ZM_058_A2_C07		ZM_058_A2_C07_MR
45340	ZM_058_A2_C08	ZM_058_A2_C08_T7C	
45341	ZM_058_A2_C08		ZM_058_A2_C08_MR
45342	ZM_058_A2_C09	ZM_058_A2_C09_T7C	
45343	ZM_058_A2_C09		ZM_058_A2_C09_MR
45344	ZM_058_A2_C10	ZM_058_A2_C10_T7C	
45345	ZM_058_A2_C10		ZM_058_A2_C10_MR
45346	ZM_058_A2_C11		ZM_058_A2_C11_MR
45347	ZM_058_A2_C12		ZM_058_A2_C12_MR
45348	ZM_058_A2_D01	ZM_058_A2_D01_T7C	
45349	ZM_058_A2_D01		ZM_058_A2_D01_MR
45350	ZM_058_A2_D02	ZM_058_A2_D02_T7C	
45351	ZM_058_A2_D02		ZM_058_A2_D02_MR
45352	ZM_058_A2_D03	ZM_058_A2_D03_T7C	
45353	ZM_058_A2_D03		ZM_058_A2_D03_MR
45354	ZM_058_A2_D05	ZM_058_A2_D05_T7C	
45355	ZM_058_A2_D05		ZM_058_A2_D05_MR
45356	ZM_058_A2_D06	ZM_058_A2_D06_T7C	
45357	ZM_058_A2_D06		ZM_058_A2_D06_MR
45358	ZM_058_A2_D07	ZM_058_A2_D07_T7C	
45359	ZM_058_A2_D07		ZM_058_A2_D07_MR
45360	ZM_058_A2_D08	ZM_058_A2_D08_T7C	
45361	ZM_058_A2_D08		ZM_058_A2_D08_MR
45362	ZM_058_A2_D09	ZM_058_A2_D09_T7C	
45363	ZM_058_A2_D10	ZM_058_A2_D10_T7C	
45364	ZM_058_A2_D10		ZM_058_A2_D10_MR
45365	ZM_058_A2_D11		ZM_058_A2_D11_MR
45366	ZM_058_A2_D12	ZM_058_A2_D12_T7C	
45367	ZM_058_A2_D12		ZM_058_A2_D12_MR
45368	ZM_058_A2_E01	ZM_058_A2_E01_T7C	
45369	ZM_058_A2_E01		ZM_058_A2_E01_MR
45370	ZM_058_A2_E02	ZM_058_A2_E02_T7C	
45371	ZM_058_A2_E02		ZM_058_A2_E02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45372	ZM_058_A2_E03	ZM_058_A2_E03_T7C	
45373	ZM_058_A2_E03		ZM_058_A2_E03_MR
45374	ZM_058_A2_E04	ZM_058_A2_E04_T7C	
45375	ZM_058_A2_E04		ZM_058_A2_E04_MR
45376	ZM_058_A2_E05	ZM_058_A2_E05_T7C	
45377	ZM_058_A2_E05		ZM_058_A2_E05_MR
45378	ZM_058_A2_E06		ZM_058_A2_E06_MR
45379	ZM_058_A2_E07	ZM_058_A2_E07_T7C	
45380	ZM_058_A2_E07		ZM_058_A2_E07_MR
45381	ZM_058_A2_E08	ZM_058_A2_E08_T7C	
45382	ZM_058_A2_E08		ZM_058_A2_E08_MR
45383	ZM_058_A2_E09	ZM_058_A2_E09_T7C	
45384	ZM_058_A2_E09		ZM_058_A2_E09_MR
45385	ZM_058_A2_E10	ZM_058_A2_E10_T7C	
45386	ZM_058_A2_E10		ZM_058_A2_E10_MR
45387	ZM_058_A2_E11	ZM_058_A2_E11_T7C	
45388	ZM_058_A2_E11		ZM_058_A2_E11_MR
45389	ZM_058_A2_E12	ZM_058_A2_E12_T7C	
45390	ZM_058_A2_E12		ZM_058_A2_E12_MR
45391	ZM_058_A2_F01	ZM_058_A2_F01_T7C	
45392	ZM_058_A2_F01		ZM_058_A2_F01_MR
45393	ZM_058_A2_F02	ZM_058_A2_F02_T7C	
45394	ZM_058_A2_F02		ZM_058_A2_F02_MR
45395	ZM_058_A2_F03		ZM_058_A2_F03_MR
45396	ZM_058_A2_F04	ZM_058_A2_F04_T7C	
45397	ZM_058_A2_F04		ZM_058_A2_F04_MR
45398	ZM_058_A2_F05	ZM_058_A2_F05_T7C	
45399	ZM_058_A2_F05		ZM_058_A2_F05_MR
45400	ZM_058_A2_F07	ZM_058_A2_F07_T7C	
45401	ZM_058_A2_F07		ZM_058_A2_F07_MR
45402	ZM_058_A2_F08	ZM_058_A2_F08_T7C	
45403	ZM_058_A2_F08		ZM_058_A2_F08_MR
45404	ZM_058_A2_F09	ZM_058_A2_F09_T7C	
45405	ZM_058_A2_F09		ZM_058_A2_F09_MR
45406	ZM_058_A2_F10	ZM_058_A2_F10_T7C	
45407	ZM_058_A2_F10		ZM_058_A2_F10_MR
45408	ZM_058_A2_F11		ZM_058_A2_F11_MR
45409	ZM_058_A2_G01	ZM_058_A2_G01_T7C	
45410	ZM_058_A2_G01		ZM_058_A2_G01_MR
45411	ZM_058_A2_G02	ZM_058_A2_G02_T7C	
45412	ZM_058_A2_G04	ZM_058_A2_G04_T7C	
45413	ZM_058_A2_G04		ZM_058_A2_G04_MR
45414	ZM_058_A2_G05	ZM_058_A2_G05_T7C	
45415	ZM_058_A2_G05		ZM_058_A2_G05_MR
45416	ZM_058_A2_G07	ZM_058_A2_G07_T7C	
45417	ZM_058_A2_G07		ZM_058_A2_G07_MR
45418	ZM_058_A2_G08	ZM_058_A2_G08_T7C	
45419	ZM_058_A2_G08		ZM_058_A2_G08_MR
45420	ZM_058_A2_G10	ZM_058_A2_G10_T7C	
45421	ZM_058_A2_G10		ZM_058_A2_G10_MR
45422	ZM_058_A2_G11	ZM_058_A2_G11_T7C	
45423	ZM_058_A2_G11		ZM_058_A2_G11_MR
45424	ZM_058_A2_H01	ZM_058_A2_H01_T7C	
45425	ZM_058_A2_H01		ZM_058_A2_H01_MR
45426	ZM_058_A2_H02	ZM_058_A2_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45427	ZM_058_A2_H03	ZM_058_A2_H03_T7C	
45428	ZM_058_A2_H03		ZM_058_A2_H03_MR
45429	ZM_058_A2_H04	ZM_058_A2_H04_T7C	
45430	ZM_058_A2_H04		ZM_058_A2_H04_MR
45431	ZM_058_A2_H05	ZM_058_A2_H05_T7C	
45432	ZM_058_A2_H06	ZM_058_A2_H06_T7C	
45433	ZM_058_A2_H07	ZM_058_A2_H07_T7C	
45434	ZM_058_A2_H07		ZM_058_A2_H07_MR
45435	ZM_058_A2_H08	ZM_058_A2_H08_T7C	
45436	ZM_058_A2_H10	ZM_058_A2_H10_T7C	
45437	ZM_058_A2_H10		ZM_058_A2_H10_MR
45438	ZM_058_A2_H11		ZM_058_A2_H11_MR
45439	ZM_058_A2_H12	ZM_058_A2_H12_T7C	
45440	ZM_058_A2_H12		ZM_058_A2_H12_MR
45441	ZM_058_B1_A01	ZM_058_B1_A01_T7C	
45442	ZM_058_B1_A01		ZM_058_B1_A01_MR
45443	ZM_058_B1_A02	ZM_058_B1_A02_T7C	
45444	ZM_058_B1_A02		ZM_058_B1_A02_MR
45445	ZM_058_B1_A03	ZM_058_B1_A03_T7C	
45446	ZM_058_B1_A03		ZM_058_B1_A03_MR
45447	ZM_058_B1_A04	ZM_058_B1_A04_T7C	
45448	ZM_058_B1_A04		ZM_058_B1_A04_MR
45449	ZM_058_B1_A05	ZM_058_B1_A05_T7C	
45450	ZM_058_B1_A05		ZM_058_B1_A05_MR
45451	ZM_058_B1_A06	ZM_058_B1_A06_T7C	
45452	ZM_058_B1_A06		ZM_058_B1_A06_MR
45453	ZM_058_B1_A07	ZM_058_B1_A07_T7C	
45454	ZM_058_B1_A07		ZM_058_B1_A07_MR
45455	ZM_058_B1_A08	ZM_058_B1_A08_T7C	
45456	ZM_058_B1_A08		ZM_058_B1_A08_MR
45457	ZM_058_B1_A09	ZM_058_B1_A09_T7C	
45458	ZM_058_B1_A09		ZM_058_B1_A09_MR
45459	ZM_058_B1_A10	ZM_058_B1_A10_T7C	
45460	ZM_058_B1_A10		ZM_058_B1_A10_MR
45461	ZM_058_B1_A11	ZM_058_B1_A11_T7C	
45462	ZM_058_B1_A11		ZM_058_B1_A11_MR
45463	ZM_058_B1_A12	ZM_058_B1_A12_T7C	
45464	ZM_058_B1_A12		ZM_058_B1_A12_MR
45465	ZM_058_B1_B01	ZM_058_B1_B01_T7C	
45466	ZM_058_B1_B01		ZM_058_B1_B01_MR
45467	ZM_058_B1_B02	ZM_058_B1_B02_T7C	
45468	ZM_058_B1_B02		ZM_058_B1_B02_MR
45469	ZM_058_B1_B03	ZM_058_B1_B03_T7C	
45470	ZM_058_B1_B03		ZM_058_B1_B03_MR
45471	ZM_058_B1_B04	ZM_058_B1_B04_T7C	
45472	ZM_058_B1_B04		ZM_058_B1_B04_MR
45473	ZM_058_B1_B05	ZM_058_B1_B05_T7C	
45474	ZM_058_B1_B05		ZM_058_B1_B05_MR
45475	ZM_058_B1_B07	ZM_058_B1_B07_T7C	
45476	ZM_058_B1_B07		ZM_058_B1_B07_MR
45477	ZM_058_B1_B08	ZM_058_B1_B08_T7C	
45478	ZM_058_B1_B08		ZM_058_B1_B08_MR
45479	ZM_058_B1_B09	ZM_058_B1_B09_T7C	
45480	ZM_058_B1_B09		ZM_058_B1_B09_MR
45481	ZM_058_B1_B10	ZM_058_B1_B10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45482	ZM_058_B1_B10		ZM_058_B1_B10_MR
45483	ZM_058_B1_B11	ZM_058_B1_B11_T7C	
45484	ZM_058_B1_B11		ZM_058_B1_B11_MR
45485	ZM_058_B1_B12	ZM_058_B1_B12_T7C	
45486	ZM_058_B1_B12		ZM_058_B1_B12_MR
45487	ZM_058_B1_C01	ZM_058_B1_C01_T7C	
45488	ZM_058_B1_C01		ZM_058_B1_C01_MR
45489	ZM_058_B1_C03	ZM_058_B1_C03_T7C	
45490	ZM_058_B1_C03		ZM_058_B1_C03_MR
45491	ZM_058_B1_C04	ZM_058_B1_C04_T7C	
45492	ZM_058_B1_C04		ZM_058_B1_C04_MR
45493	ZM_058_B1_C05	ZM_058_B1_C05_T7C	
45494	ZM_058_B1_C05		ZM_058_B1_C05_MR
45495	ZM_058_B1_C06	ZM_058_B1_C06_T7C	
45496	ZM_058_B1_C06		ZM_058_B1_C06_MR
45497	ZM_058_B1_C07	ZM_058_B1_C07_T7C	
45498	ZM_058_B1_C07		ZM_058_B1_C07_MR
45499	ZM_058_B1_C08		ZM_058_B1_C08_MR
45500	ZM_058_B1_C09	ZM_058_B1_C09_T7C	
45501	ZM_058_B1_C09		ZM_058_B1_C09_MR
45502	ZM_058_B1_C10	ZM_058_B1_C10_T7C	
45503	ZM_058_B1_C11	ZM_058_B1_C11_T7C	
45504	ZM_058_B1_C11		ZM_058_B1_C11_MR
45505	ZM_058_B1_C12	ZM_058_B1_C12_T7C	
45506	ZM_058_B1_C12		ZM_058_B1_C12_MR
45507	ZM_058_B1_D01	ZM_058_B1_D01_T7C	
45508	ZM_058_B1_D01		ZM_058_B1_D01_MR
45509	ZM_058_B1_D02	ZM_058_B1_D02_T7C	
45510	ZM_058_B1_D02		ZM_058_B1_D02_MR
45511	ZM_058_B1_D03	ZM_058_B1_D03_T7C	
45512	ZM_058_B1_D03		ZM_058_B1_D03_MR
45513	ZM_058_B1_D04	ZM_058_B1_D04_T7C	
45514	ZM_058_B1_D04		ZM_058_B1_D04_MR
45515	ZM_058_B1_D05	ZM_058_B1_D05_T7C	
45516	ZM_058_B1_D05		ZM_058_B1_D05_MR
45517	ZM_058_B1_D06	ZM_058_B1_D06_T7C	
45518	ZM_058_B1_D06		ZM_058_B1_D06_MR
45519	ZM_058_B1_D07	ZM_058_B1_D07_T7C	
45520	ZM_058_B1_D07		ZM_058_B1_D07_MR
45521	ZM_058_B1_D08	ZM_058_B1_D08_T7C	
45522	ZM_058_B1_D08		ZM_058_B1_D08_MR
45523	ZM_058_B1_D09		ZM_058_B1_D09_MR
45524	ZM_058_B1_D11	ZM_058_B1_D11_T7C	
45525	ZM_058_B1_D11		ZM_058_B1_D11_MR
45526	ZM_058_B1_D12	ZM_058_B1_D12_T7C	
45527	ZM_058_B1_D12		ZM_058_B1_D12_MR
45528	ZM_058_B1_E01	ZM_058_B1_E01_T7C	
45529	ZM_058_B1_E02	ZM_058_B1_E02_T7C	
45530	ZM_058_B1_E02		ZM_058_B1_E02_MR
45531	ZM_058_B1_E03	ZM_058_B1_E03_T7C	
45532	ZM_058_B1_E03		ZM_058_B1_E03_MR
45533	ZM_058_B1_E04	ZM_058_B1_E04_T7C	
45534	ZM_058_B1_E04		ZM_058_B1_E04_MR
45535	ZM_058_B1_E05	ZM_058_B1_E05_T7C	
45536	ZM_058_B1_E05		ZM_058_B1_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45537	ZM_058_B1_E06	ZM_058_B1_E06_T7C	
45538	ZM_058_B1_E07	ZM_058_B1_E07_T7C	
45539	ZM_058_B1_E07		ZM_058_B1_E07_MR
45540	ZM_058_B1_E08	ZM_058_B1_E08_T7C	
45541	ZM_058_B1_E08		ZM_058_B1_E08_MR
45542	ZM_058_B1_E09	ZM_058_B1_E09_T7C	
45543	ZM_058_B1_E10	ZM_058_B1_E10_T7C	
45544	ZM_058_B1_E10		ZM_058_B1_E10_MR
45545	ZM_058_B1_E11	ZM_058_B1_E11_T7C	
45546	ZM_058_B1_E11		ZM_058_B1_E11_MR
45547	ZM_058_B1_E12	ZM_058_B1_E12_T7C	
45548	ZM_058_B1_F01	ZM_058_B1_F01_T7C	
45549	ZM_058_B1_F02	ZM_058_B1_F02_T7C	
45550	ZM_058_B1_F02		ZM_058_B1_F02_MR
45551	ZM_058_B1_F03	ZM_058_B1_F03_T7C	
45552	ZM_058_B1_F03		ZM_058_B1_F03_MR
45553	ZM_058_B1_F04	ZM_058_B1_F04_T7C	
45554	ZM_058_B1_F04		ZM_058_B1_F04_MR
45555	ZM_058_B1_F05	ZM_058_B1_F05_T7C	
45556	ZM_058_B1_F05		ZM_058_B1_F05_MR
45557	ZM_058_B1_F06	ZM_058_B1_F06_T7C	
45558	ZM_058_B1_F06		ZM_058_B1_F06_MR
45559	ZM_058_B1_F07	ZM_058_B1_F07_T7C	
45560	ZM_058_B1_F07		ZM_058_B1_F07_MR
45561	ZM_058_B1_F08	ZM_058_B1_F08_T7C	
45562	ZM_058_B1_F08		ZM_058_B1_F08_MR
45563	ZM_058_B1_F09	ZM_058_B1_F09_T7C	
45564	ZM_058_B1_F09		ZM_058_B1_F09_MR
45565	ZM_058_B1_F10	ZM_058_B1_F10_T7C	
45566	ZM_058_B1_F10		ZM_058_B1_F10_MR
45567	ZM_058_B1_F11	ZM_058_B1_F11_T7C	
45568	ZM_058_B1_F11		ZM_058_B1_F11_MR
45569	ZM_058_B1_F12	ZM_058_B1_F12_T7C	
45570	ZM_058_B1_F12		ZM_058_B1_F12_MR
45571	ZM_058_B1_G01	ZM_058_B1_G01_T7C	
45572	ZM_058_B1_G01		ZM_058_B1_G01_MR
45573	ZM_058_B1_G02	ZM_058_B1_G02_T7C	
45574	ZM_058_B1_G02		ZM_058_B1_G02_MR
45575	ZM_058_B1_G03	ZM_058_B1_G03_T7C	
45576	ZM_058_B1_G03		ZM_058_B1_G03_MR
45577	ZM_058_B1_G04	ZM_058_B1_G04_T7C	
45578	ZM_058_B1_G04		ZM_058_B1_G04_MR
45579	ZM_058_B1_G05	ZM_058_B1_G05_T7C	
45580	ZM_058_B1_G05		ZM_058_B1_G05_MR
45581	ZM_058_B1_G06	ZM_058_B1_G06_T7C	
45582	ZM_058_B1_G06		ZM_058_B1_G06_MR
45583	ZM_058_B1_G07	ZM_058_B1_G07_T7C	
45584	ZM_058_B1_G07		ZM_058_B1_G07_MR
45585	ZM_058_B1_G08	ZM_058_B1_G08_T7C	
45586	ZM_058_B1_G08		ZM_058_B1_G08_MR
45587	ZM_058_B1_G09	ZM_058_B1_G09_T7C	
45588	ZM_058_B1_G09		ZM_058_B1_G09_MR
45589	ZM_058_B1_G10	ZM_058_B1_G10_T7C	
45590	ZM_058_B1_G10		ZM_058_B1_G10_MR
45591	ZM_058_B1_G11	ZM_058_B1_G11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45592	ZM_058_B1_G11		ZM_058_B1_G11_MR
45593	ZM_058_B1_G12	ZM_058_B1_G12_T7C	
45594	ZM_058_B1_G12		ZM_058_B1_G12_MR
45595	ZM_058_B1_H01	ZM_058_B1_H01_T7C	
45596	ZM_058_B1_H02	ZM_058_B1_H02_T7C	
45597	ZM_058_B1_H02		ZM_058_B1_H02_MR
45598	ZM_058_B1_H03	ZM_058_B1_H03_T7C	
45599	ZM_058_B1_H03		ZM_058_B1_H03_MR
45600	ZM_058_B1_H04	ZM_058_B1_H04_T7C	
45601	ZM_058_B1_H04		ZM_058_B1_H04_MR
45602	ZM_058_B1_H05	ZM_058_B1_H05_T7C	
45603	ZM_058_B1_H05		ZM_058_B1_H05_MR
45604	ZM_058_B1_H06	ZM_058_B1_H06_T7C	
45605	ZM_058_B1_H06		ZM_058_B1_H06_MR
45606	ZM_058_B1_H07	ZM_058_B1_H07_T7C	
45607	ZM_058_B1_H07		ZM_058_B1_H07_MR
45608	ZM_058_B1_H08	ZM_058_B1_H08_T7C	
45609	ZM_058_B1_H08		ZM_058_B1_H08_MR
45610	ZM_058_B1_H09	ZM_058_B1_H09_T7C	
45611	ZM_058_B1_H09		ZM_058_B1_H09_MR
45612	ZM_058_B1_H10	ZM_058_B1_H10_T7C	
45613	ZM_058_B1_H10		ZM_058_B1_H10_MR
45614	ZM_058_B1_H11	ZM_058_B1_H11_T7C	
45615	ZM_058_B1_H11		ZM_058_B1_H11_MR
45616	ZM_058_B1_H12	ZM_058_B1_H12_T7C	
45617	ZM_058_B1_H12		ZM_058_B1_H12_MR
45618	ZM_059_A1_A01	ZM_059_A1_A01_T7	
45619	ZM_059_A1_A01		ZM_059_A1_A01_MR
45620	ZM_059_A1_A02	ZM_059_A1_A02_T7	
45621	ZM_059_A1_A02		ZM_059_A1_A02_MR
45622	ZM_059_A1_A03	ZM_059_A1_A03_T7	
45623	ZM_059_A1_A04	ZM_059_A1_A04_T7	
45624	ZM_059_A1_A04		ZM_059_A1_A04_MR
45625	ZM_059_A1_A05	ZM_059_A1_A05_T7	
45626	ZM_059_A1_A08	ZM_059_A1_A08_T7	
45627	ZM_059_A1_A08		ZM_059_A1_A08_MR
45628	ZM_059_A1_A09	ZM_059_A1_A09_T7	
45629	ZM_059_A1_A09		ZM_059_A1_A09_MR
45630	ZM_059_A1_A10	ZM_059_A1_A10_T7	
45631	ZM_059_A1_A10		ZM_059_A1_A10_MR
45632	ZM_059_A1_A11	ZM_059_A1_A11_T7	
45633	ZM_059_A1_A11		ZM_059_A1_A11_MR
45634	ZM_059_A1_A12	ZM_059_A1_A12_T7	
45635	ZM_059_A1_A12		ZM_059_A1_A12_MR
45636	ZM_059_A1_B01	ZM_059_A1_B01_T7	
45637	ZM_059_A1_B01		ZM_059_A1_B01_MR
45638	ZM_059_A1_B02	ZM_059_A1_B02_T7	
45639	ZM_059_A1_B02		ZM_059_A1_B02_MR
45640	ZM_059_A1_B03	ZM_059_A1_B03_T7	
45641	ZM_059_A1_B03		ZM_059_A1_B03_MR
45642	ZM_059_A1_B04	ZM_059_A1_B04_T7	
45643	ZM_059_A1_B04		ZM_059_A1_B04_MR
45644	ZM_059_A1_B05	ZM_059_A1_B05_T7	
45645	ZM_059_A1_B05		ZM_059_A1_B05_MR
45646	ZM_059_A1_B06	ZM_059_A1_B06_T7	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45647	ZM_059_A1_B06		ZM_059_A1_B06_MR
45648	ZM_059_A1_B07	ZM_059_A1_B07_T7	
45649	ZM_059_A1_B07		ZM_059_A1_B07_MR
45650	ZM_059_A1_B08	ZM_059_A1_B08_T7	
45651	ZM_059_A1_B08		ZM_059_A1_B08_MR
45652	ZM_059_A1_B09	ZM_059_A1_B09_T7	
45653	ZM_059_A1_B09		ZM_059_A1_B09_MR
45654	ZM_059_A1_B10	ZM_059_A1_B10_T7	
45655	ZM_059_A1_B10		ZM_059_A1_B10_MR
45656	ZM_059_A1_B11	ZM_059_A1_B11_T7	
45657	ZM_059_A1_B11		ZM_059_A1_B11_MR
45658	ZM_059_A1_B12	ZM_059_A1_B12_T7	
45659	ZM_059_A1_B12		ZM_059_A1_B12_MR
45660	ZM_059_A1_C01	ZM_059_A1_C01_T7	
45661	ZM_059_A1_C01		ZM_059_A1_C01_MR
45662	ZM_059_A1_C02	ZM_059_A1_C02_T7	
45663	ZM_059_A1_C02		ZM_059_A1_C02_MR
45664	ZM_059_A1_C03	ZM_059_A1_C03_T7	
45665	ZM_059_A1_C03		ZM_059_A1_C03_MR
45666	ZM_059_A1_C04	ZM_059_A1_C04_T7	
45667	ZM_059_A1_C04		ZM_059_A1_C04_MR
45668	ZM_059_A1_C05	ZM_059_A1_C05_T7	
45669	ZM_059_A1_C05		ZM_059_A1_C05_MR
45670	ZM_059_A1_C06	ZM_059_A1_C06_T7	
45671	ZM_059_A1_C06		ZM_059_A1_C06_MR
45672	ZM_059_A1_C07	ZM_059_A1_C07_T7	
45673	ZM_059_A1_C07		ZM_059_A1_C07_MR
45674	ZM_059_A1_C08	ZM_059_A1_C08_T7	
45675	ZM_059_A1_C08		ZM_059_A1_C08_MR
45676	ZM_059_A1_C09	ZM_059_A1_C09_T7	
45677	ZM_059_A1_C09		ZM_059_A1_C09_MR
45678	ZM_059_A1_C10	ZM_059_A1_C10_T7	
45679	ZM_059_A1_C10		ZM_059_A1_C10_MR
45680	ZM_059_A1_C11	ZM_059_A1_C11_T7	
45681	ZM_059_A1_C11		ZM_059_A1_C11_MR
45682	ZM_059_A1_C12	ZM_059_A1_C12_T7	
45683	ZM_059_A1_C12		ZM_059_A1_C12_MR
45684	ZM_059_A1_D01	ZM_059_A1_D01_T7	
45685	ZM_059_A1_D01		ZM_059_A1_D01_MR
45686	ZM_059_A1_D02	ZM_059_A1_D02_T7	
45687	ZM_059_A1_D02		ZM_059_A1_D02_MR
45688	ZM_059_A1_D03	ZM_059_A1_D03_T7	
45689	ZM_059_A1_D04	ZM_059_A1_D04_T7	
45690	ZM_059_A1_D04		ZM_059_A1_D04_MR
45691	ZM_059_A1_D05	ZM_059_A1_D05_T7	
45692	ZM_059_A1_D06		ZM_059_A1_D06_MR
45693	ZM_059_A1_D07	ZM_059_A1_D07_T7	
45694	ZM_059_A1_D07		ZM_059_A1_D07_MR
45695	ZM_059_A1_D08	ZM_059_A1_D08_T7	
45696	ZM_059_A1_D08		ZM_059_A1_D08_MR
45697	ZM_059_A1_D09	ZM_059_A1_D09_T7	
45698	ZM_059_A1_D09		ZM_059_A1_D09_MR
45699	ZM_059_A1_D10	ZM_059_A1_D10_T7	
45700	ZM_059_A1_D10		ZM_059_A1_D10_MR
45701	ZM_059_A1_D11		ZM_059_A1_D11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45702	ZM_059_A1_D12	ZM_059_A1_D12_T7	
45703	ZM_059_A1_D12		ZM_059_A1_D12_MR
45704	ZM_059_A1_E01	ZM_059_A1_E01_T7	
45705	ZM_059_A1_E01		ZM_059_A1_E01_MR
45706	ZM_059_A1_E02	ZM_059_A1_E02_T7	
45707	ZM_059_A1_E02		ZM_059_A1_E02_MR
45708	ZM_059_A1_E03	ZM_059_A1_E03_T7	
45709	ZM_059_A1_E03		ZM_059_A1_E03_MR
45710	ZM_059_A1_E04	ZM_059_A1_E04_T7	
45711	ZM_059_A1_E04		ZM_059_A1_E04_MR
45712	ZM_059_A1_E06	ZM_059_A1_E06_T7	
45713	ZM_059_A1_E07	ZM_059_A1_E07_T7	
45714	ZM_059_A1_E07		ZM_059_A1_E07_MR
45715	ZM_059_A1_E08		ZM_059_A1_E08_MR
45716	ZM_059_A1_E09	ZM_059_A1_E09_T7	
45717	ZM_059_A1_E09		ZM_059_A1_E09_MR
45718	ZM_059_A1_E10	ZM_059_A1_E10_T7	
45719	ZM_059_A1_E10		ZM_059_A1_E10_MR
45720	ZM_059_A1_E11	ZM_059_A1_E11_T7	
45721	ZM_059_A1_E11		ZM_059_A1_E11_MR
45722	ZM_059_A1_E12	ZM_059_A1_E12_T7	
45723	ZM_059_A1_E12		ZM_059_A1_E12_MR
45724	ZM_059_A1_F01	ZM_059_A1_F01_T7	
45725	ZM_059_A1_F01		ZM_059_A1_F01_MR
45726	ZM_059_A1_F02	ZM_059_A1_F02_T7	
45727	ZM_059_A1_F02		ZM_059_A1_F02_MR
45728	ZM_059_A1_F03	ZM_059_A1_F03_T7	
45729	ZM_059_A1_F03		ZM_059_A1_F03_MR
45730	ZM_059_A1_F04	ZM_059_A1_F04_T7	
45731	ZM_059_A1_F04		ZM_059_A1_F04_MR
45732	ZM_059_A1_F05	ZM_059_A1_F05_T7	
45733	ZM_059_A1_F05		ZM_059_A1_F05_MR
45734	ZM_059_A1_F06	ZM_059_A1_F06_T7	
45735	ZM_059_A1_F07	ZM_059_A1_F07_T7	
45736	ZM_059_A1_F07		ZM_059_A1_F07_MR
45737	ZM_059_A1_F08	ZM_059_A1_F08_T7	
45738	ZM_059_A1_F08		ZM_059_A1_F08_MR
45739	ZM_059_A1_F09	ZM_059_A1_F09_T7	
45740	ZM_059_A1_F09		ZM_059_A1_F09_MR
45741	ZM_059_A1_F10	ZM_059_A1_F10_T7	
45742	ZM_059_A1_F10		ZM_059_A1_F10_MR
45743	ZM_059_A1_F11	ZM_059_A1_F11_T7	
45744	ZM_059_A1_F11		ZM_059_A1_F11_MR
45745	ZM_059_A1_F12	ZM_059_A1_F12_T7	
45746	ZM_059_A1_F12		ZM_059_A1_F12_MR
45747	ZM_059_A1_G01	ZM_059_A1_G01_T7	
45748	ZM_059_A1_G01		ZM_059_A1_G01_MR
45749	ZM_059_A1_G02	ZM_059_A1_G02_T7	
45750	ZM_059_A1_G02		ZM_059_A1_G02_MR
45751	ZM_059_A1_G03	ZM_059_A1_G03_T7	
45752	ZM_059_A1_G03		ZM_059_A1_G03_MR
45753	ZM_059_A1_G04	ZM_059_A1_G04_T7	
45754	ZM_059_A1_G04		ZM_059_A1_G04_MR
45755	ZM_059_A1_G05	ZM_059_A1_G05_T7	
45756	ZM_059_A1_G05		ZM_059_A1_G05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45757	ZM_059_A1_G06	ZM_059_A1_G06_T7	ZM_059_A1_G06_MR
45758	ZM_059_A1_G06		
45759	ZM_059_A1_G07	ZM_059_A1_G07_T7	ZM_059_A1_G07_MR
45760	ZM_059_A1_G07		
45761	ZM_059_A1_G08	ZM_059_A1_G08_T7	ZM_059_A1_G08_MR
45762	ZM_059_A1_G08		
45763	ZM_059_A1_G09	ZM_059_A1_G09_T7	ZM_059_A1_G09_MR
45764	ZM_059_A1_G09		
45765	ZM_059_A1_G10	ZM_059_A1_G10_T7	ZM_059_A1_G10_MR
45766	ZM_059_A1_G10		
45767	ZM_059_A1_G11	ZM_059_A1_G11_T7	ZM_059_A1_G11_MR
45768	ZM_059_A1_G11		
45769	ZM_059_A1_G12	ZM_059_A1_G12_T7	ZM_059_A1_G12_MR
45770	ZM_059_A1_G12		
45771	ZM_059_A1_H01	ZM_059_A1_H01_T7	ZM_059_A1_H01_MR
45772	ZM_059_A1_H01		
45773	ZM_059_A1_H02	ZM_059_A1_H02_T7	ZM_059_A1_H02_MR
45774	ZM_059_A1_H02		
45775	ZM_059_A1_H03	ZM_059_A1_H03_T7	
45776	ZM_059_A1_H04	ZM_059_A1_H04_T7	ZM_059_A1_H04_MR
45777	ZM_059_A1_H04		
45778	ZM_059_A1_H05	ZM_059_A1_H05_T7	
45779	ZM_059_A1_H07	ZM_059_A1_H07_T7	ZM_059_A1_H07_MR
45780	ZM_059_A1_H07		
45781	ZM_059_A1_H08	ZM_059_A1_H08_T7	ZM_059_A1_H08_MR
45782	ZM_059_A1_H08		
45783	ZM_059_A1_H09	ZM_059_A1_H09_T7	ZM_059_A1_H09_MR
45784	ZM_059_A1_H09		
45785	ZM_059_A1_H10	ZM_059_A1_H10_T7	ZM_059_A1_H10_MR
45786	ZM_059_A1_H10		
45787	ZM_059_A1_H11	ZM_059_A1_H11_T7	
45788	ZM_059_A1_H12	ZM_059_A1_H12_T7	ZM_059_A1_H12_MR
45789	ZM_059_A1_H12		
45790	ZM_059_A2_A01	ZM_059_A2_A01_T7C	ZM_059_A2_A01_MR
45791	ZM_059_A2_A01		ZM_059_A2_A02_MR
45792	ZM_059_A2_A02		
45793	ZM_059_A2_A03	ZM_059_A2_A03_T7C	ZM_059_A2_A03_MR
45794	ZM_059_A2_A03		
45795	ZM_059_A2_A04	ZM_059_A2_A04_T7C	ZM_059_A2_A04_MR
45796	ZM_059_A2_A04		
45797	ZM_059_A2_A05	ZM_059_A2_A05_T7C	ZM_059_A2_A05_MR
45798	ZM_059_A2_A05		ZM_059_A2_A06_MR
45799	ZM_059_A2_A06		ZM_059_A2_A07_MR
45800	ZM_059_A2_A07		
45801	ZM_059_A2_A08	ZM_059_A2_A08_T7C	ZM_059_A2_A08_MR
45802	ZM_059_A2_A08		ZM_059_A2_A10_MR
45803	ZM_059_A2_A10		ZM_059_A2_A11_MR
45804	ZM_059_A2_A11		ZM_059_A2_A12_MR
45805	ZM_059_A2_A12		ZM_059_A2_B01_MR
45806	ZM_059_A2_B01		
45807	ZM_059_A2_B02	ZM_059_A2_B02_T7C	ZM_059_A2_B02_MR
45808	ZM_059_A2_B02		
45809	ZM_059_A2_B03	ZM_059_A2_B03_T7C	
45810	ZM_059_A2_B03		ZM_059_A2_B03_MR
45811	ZM_059_A2_B04	ZM_059_A2_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45812	ZM_059_A2_B04		ZM_059_A2_B04_MR
45813	ZM_059_A2_B05	ZM_059_A2_B05_T7C	
45814	ZM_059_A2_B05		ZM_059_A2_B05_MR
45815	ZM_059_A2_B06	ZM_059_A2_B06_T7C	
45816	ZM_059_A2_B06		ZM_059_A2_B06_MR
45817	ZM_059_A2_B07	ZM_059_A2_B07_T7C	
45818	ZM_059_A2_B07		ZM_059_A2_B07_MR
45819	ZM_059_A2_B08		ZM_059_A2_B08_MR
45820	ZM_059_A2_B09	ZM_059_A2_B09_T7C	
45821	ZM_059_A2_B09		ZM_059_A2_B09_MR
45822	ZM_059_A2_B10		ZM_059_A2_B10_MR
45823	ZM_059_A2_B11		ZM_059_A2_B11_MR
45824	ZM_059_A2_B12	ZM_059_A2_B12_T7C	
45825	ZM_059_A2_B12		ZM_059_A2_B12_MR
45826	ZM_059_A2_C01		ZM_059_A2_C01_MR
45827	ZM_059_A2_C02	ZM_059_A2_C02_T7C	
45828	ZM_059_A2_C02		ZM_059_A2_C02_MR
45829	ZM_059_A2_C03	ZM_059_A2_C03_T7C	
45830	ZM_059_A2_C03		ZM_059_A2_C03_MR
45831	ZM_059_A2_C04	ZM_059_A2_C04_T7C	
45832	ZM_059_A2_C04		ZM_059_A2_C04_MR
45833	ZM_059_A2_C05	ZM_059_A2_C05_T7C	
45834	ZM_059_A2_C05		ZM_059_A2_C05_MR
45835	ZM_059_A2_C06		ZM_059_A2_C06_MR
45836	ZM_059_A2_C07	ZM_059_A2_C07_T7C	
45837	ZM_059_A2_C07		ZM_059_A2_C07_MR
45838	ZM_059_A2_C08		ZM_059_A2_C08_MR
45839	ZM_059_A2_C09		ZM_059_A2_C09_MR
45840	ZM_059_A2_C10		ZM_059_A2_C10_MR
45841	ZM_059_A2_C11	ZM_059_A2_C11_T7C	
45842	ZM_059_A2_C11		ZM_059_A2_C11_MR
45843	ZM_059_A2_C12	ZM_059_A2_C12_T7C	
45844	ZM_059_A2_C12		ZM_059_A2_C12_MR
45845	ZM_059_A2_D01	ZM_059_A2_D01_T7C	
45846	ZM_059_A2_D02	ZM_059_A2_D02_T7C	
45847	ZM_059_A2_D02		ZM_059_A2_D02_MR
45848	ZM_059_A2_D04		ZM_059_A2_D04_MR
45849	ZM_059_A2_D05	ZM_059_A2_D05_T7C	
45850	ZM_059_A2_D05		ZM_059_A2_D05_MR
45851	ZM_059_A2_D07		ZM_059_A2_D07_MR
45852	ZM_059_A2_D08	ZM_059_A2_D08_T7C	
45853	ZM_059_A2_D08		ZM_059_A2_D08_MR
45854	ZM_059_A2_D10		ZM_059_A2_D10_MR
45855	ZM_059_A2_D11	ZM_059_A2_D11_T7C	
45856	ZM_059_A2_D11		ZM_059_A2_D11_MR
45857	ZM_059_A2_E01	ZM_059_A2_E01_T7C	
45858	ZM_059_A2_E01		ZM_059_A2_E01_MR
45859	ZM_059_A2_E02	ZM_059_A2_E02_T7C	
45860	ZM_059_A2_E02		ZM_059_A2_E02_MR
45861	ZM_059_A2_E03		ZM_059_A2_E03_MR
45862	ZM_059_A2_E04	ZM_059_A2_E04_T7C	
45863	ZM_059_A2_E04		ZM_059_A2_E04_MR
45864	ZM_059_A2_E05		ZM_059_A2_E05_MR
45865	ZM_059_A2_E06		ZM_059_A2_E06_MR
45866	ZM_059_A2_E07		ZM_059_A2_E07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45867	ZM_059_A2_E08		ZM_059_A2_E08_MR
45868	ZM_059_A2_E09		ZM_059_A2_E09_MR
45869	ZM_059_A2_E10	ZM_059_A2_E10_T7C	
45870	ZM_059_A2_E10		ZM_059_A2_E10_MR
45871	ZM_059_A2_E11	ZM_059_A2_E11_T7C	
45872	ZM_059_A2_E12	ZM_059_A2_E12_T7C	
45873	ZM_059_A2_E12		ZM_059_A2_E12_MR
45874	ZM_059_A2_F01	ZM_059_A2_F01_T7C	
45875	ZM_059_A2_F01		ZM_059_A2_F01_MR
45876	ZM_059_A2_F02	ZM_059_A2_F02_T7C	
45877	ZM_059_A2_F02		ZM_059_A2_F02_MR
45878	ZM_059_A2_F03		ZM_059_A2_F03_MR
45879	ZM_059_A2_F04	ZM_059_A2_F04_T7C	
45880	ZM_059_A2_F04		ZM_059_A2_F04_MR
45881	ZM_059_A2_F05		ZM_059_A2_F05_MR
45882	ZM_059_A2_F07		ZM_059_A2_F07_MR
45883	ZM_059_A2_F08	ZM_059_A2_F08_T7C	
45884	ZM_059_A2_F08		ZM_059_A2_F08_MR
45885	ZM_059_A2_F09		ZM_059_A2_F09_MR
45886	ZM_059_A2_F10	ZM_059_A2_F10_T7C	
45887	ZM_059_A2_F10		ZM_059_A2_F10_MR
45888	ZM_059_A2_F11		ZM_059_A2_F11_MR
45889	ZM_059_A2_F12	ZM_059_A2_F12_T7C	
45890	ZM_059_A2_F12		ZM_059_A2_F12_MR
45891	ZM_059_A2_G01	ZM_059_A2_G01_T7C	
45892	ZM_059_A2_G01		ZM_059_A2_G01_MR
45893	ZM_059_A2_G02	ZM_059_A2_G02_T7C	
45894	ZM_059_A2_G02		ZM_059_A2_G02_MR
45895	ZM_059_A2_G03	ZM_059_A2_G03_T7C	
45896	ZM_059_A2_G03		ZM_059_A2_G03_MR
45897	ZM_059_A2_G04		ZM_059_A2_G04_MR
45898	ZM_059_A2_G05		ZM_059_A2_G05_MR
45899	ZM_059_A2_G06	ZM_059_A2_G06_T7C	
45900	ZM_059_A2_G06		ZM_059_A2_G06_MR
45901	ZM_059_A2_G07		ZM_059_A2_G07_MR
45902	ZM_059_A2_G08	ZM_059_A2_G08_T7C	
45903	ZM_059_A2_G08		ZM_059_A2_G08_MR
45904	ZM_059_A2_G09		ZM_059_A2_G09_MR
45905	ZM_059_A2_G10	ZM_059_A2_G10_T7C	
45906	ZM_059_A2_G10		ZM_059_A2_G10_MR
45907	ZM_059_A2_G11	ZM_059_A2_G11_T7C	
45908	ZM_059_A2_G11		ZM_059_A2_G11_MR
45909	ZM_059_A2_G12	ZM_059_A2_G12_T7C	
45910	ZM_059_A2_H01	ZM_059_A2_H01_T7C	
45911	ZM_059_A2_H01		ZM_059_A2_H01_MR
45912	ZM_059_A2_H02	ZM_059_A2_H02_T7C	
45913	ZM_059_A2_H02		ZM_059_A2_H02_MR
45914	ZM_059_A2_H03	ZM_059_A2_H03_T7C	
45915	ZM_059_A2_H03		ZM_059_A2_H03_MR
45916	ZM_059_A2_H04	ZM_059_A2_H04_T7C	
45917	ZM_059_A2_H04		ZM_059_A2_H04_MR
45918	ZM_059_A2_H05		ZM_059_A2_H05_MR
45919	ZM_059_A2_H06		ZM_059_A2_H06_MR
45920	ZM_059_A2_H07	ZM_059_A2_H07_T7C	
45921	ZM_059_A2_H07		ZM_059_A2_H07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45922	ZM_059_A2_H08		ZM_059_A2_H08_MR
45923	ZM_059_A2_H09		ZM_059_A2_H09_MR
45924	ZM_059_A2_H10		ZM_059_A2_H10_MR
45925	ZM_059_A2_H11	ZM_059_A2_H11_T7C	
45926	ZM_059_A2_H11		ZM_059_A2_H11_MR
45927	ZM_059_A2_H12	ZM_059_A2_H12_T7C	
45928	ZM_059_A2_H12		ZM_059_A2_H12_MR
45929	ZM_059_B1_A02		ZM_059_B1_A02_MR
45930	ZM_059_B1_A03		ZM_059_B1_A03_MR
45931	ZM_059_B1_A04		ZM_059_B1_A04_MR
45932	ZM_059_B1_A05		ZM_059_B1_A05_MR
45933	ZM_059_B1_A06		ZM_059_B1_A06_MR
45934	ZM_059_B1_A08		ZM_059_B1_A08_MR
45935	ZM_059_B1_A09		ZM_059_B1_A09_MR
45936	ZM_059_B1_A10		ZM_059_B1_A10_MR
45937	ZM_059_B1_A12		ZM_059_B1_A12_MR
45938	ZM_059_B1_B01		ZM_059_B1_B01_MR
45939	ZM_059_B1_B02		ZM_059_B1_B02_MR
45940	ZM_059_B1_B03		ZM_059_B1_B03_MR
45941	ZM_059_B1_B07		ZM_059_B1_B07_MR
45942	ZM_059_B1_B08		ZM_059_B1_B08_MR
45943	ZM_059_B1_B10		ZM_059_B1_B10_MR
45944	ZM_059_B1_B11		ZM_059_B1_B11_MR
45945	ZM_059_B1_B12		ZM_059_B1_B12_MR
45946	ZM_059_B1_C01		ZM_059_B1_C01_MR
45947	ZM_059_B1_C02		ZM_059_B1_C02_MR
45948	ZM_059_B1_C03		ZM_059_B1_C03_MR
45949	ZM_059_B1_C04		ZM_059_B1_C04_MR
45950	ZM_059_B1_C05		ZM_059_B1_C05_MR
45951	ZM_059_B1_C07		ZM_059_B1_C07_MR
45952	ZM_059_B1_C08		ZM_059_B1_C08_MR
45953	ZM_059_B1_C09		ZM_059_B1_C09_MR
45954	ZM_059_B1_C10		ZM_059_B1_C10_MR
45955	ZM_059_B1_C11		ZM_059_B1_C11_MR
45956	ZM_059_B1_C12		ZM_059_B1_C12_MR
45957	ZM_059_B1_D01		ZM_059_B1_D01_MR
45958	ZM_059_B1_D02		ZM_059_B1_D02_MR
45959	ZM_059_B1_D03		ZM_059_B1_D03_MR
45960	ZM_059_B1_D04		ZM_059_B1_D04_MR
45961	ZM_059_B1_D05		ZM_059_B1_D05_MR
45962	ZM_059_B1_D06		ZM_059_B1_D06_MR
45963	ZM_059_B1_D07		ZM_059_B1_D07_MR
45964	ZM_059_B1_D08		ZM_059_B1_D08_MR
45965	ZM_059_B1_D09		ZM_059_B1_D09_MR
45966	ZM_059_B1_D10		ZM_059_B1_D10_MR
45967	ZM_059_B1_D11		ZM_059_B1_D11_MR
45968	ZM_059_B1_D12		ZM_059_B1_D12_MR
45969	ZM_059_B1_E01		ZM_059_B1_E01_MR
45970	ZM_059_B1_E02		ZM_059_B1_E02_MR
45971	ZM_059_B1_E04		ZM_059_B1_E04_MR
45972	ZM_059_B1_E05		ZM_059_B1_E05_MR
45973	ZM_059_B1_E06		ZM_059_B1_E06_MR
45974	ZM_059_B1_E07		ZM_059_B1_E07_MR
45975	ZM_059_B1_E08		ZM_059_B1_E08_MR
45976	ZM_059_B1_E09		ZM_059_B1_E09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
45977	ZM_059_B1_E10		ZM_059_B1_E10_MR
45978	ZM_059_B1_E11		ZM_059_B1_E11_MR
45979	ZM_059_B1_E12		ZM_059_B1_E12_MR
45980	ZM_059_B1_F01		ZM_059_B1_F01_MR
45981	ZM_059_B1_F02		ZM_059_B1_F02_MR
45982	ZM_059_B1_F03		ZM_059_B1_F03_MR
45983	ZM_059_B1_F04		ZM_059_B1_F04_MR
45984	ZM_059_B1_F05		ZM_059_B1_F05_MR
45985	ZM_059_B1_F06		ZM_059_B1_F06_MR
45986	ZM_059_B1_F07		ZM_059_B1_F07_MR
45987	ZM_059_B1_F08		ZM_059_B1_F08_MR
45988	ZM_059_B1_F09		ZM_059_B1_F09_MR
45989	ZM_059_B1_F10		ZM_059_B1_F10_MR
45990	ZM_059_B1_F11		ZM_059_B1_F11_MR
45991	ZM_059_B1_F12		ZM_059_B1_F12_MR
45992	ZM_059_B1_G01		ZM_059_B1_G01_MR
45993	ZM_059_B1_G02		ZM_059_B1_G02_MR
45994	ZM_059_B1_G03		ZM_059_B1_G03_MR
45995	ZM_059_B1_G04		ZM_059_B1_G04_MR
45996	ZM_059_B1_G05		ZM_059_B1_G05_MR
45997	ZM_059_B1_G06		ZM_059_B1_G06_MR
45998	ZM_059_B1_G07		ZM_059_B1_G07_MR
45999	ZM_059_B1_G08		ZM_059_B1_G08_MR
46000	ZM_059_B1_G09		ZM_059_B1_G09_MR
46001	ZM_059_B1_G10		ZM_059_B1_G10_MR
46002	ZM_059_B1_G11		ZM_059_B1_G11_MR
46003	ZM_059_B1_H01		ZM_059_B1_H01_MR
46004	ZM_059_B1_H02		ZM_059_B1_H02_MR
46005	ZM_059_B1_H03		ZM_059_B1_H03_MR
46006	ZM_059_B1_H04		ZM_059_B1_H04_MR
46007	ZM_059_B1_H06		ZM_059_B1_H06_MR
46008	ZM_059_B1_H07		ZM_059_B1_H07_MR
46009	ZM_059_B1_H08		ZM_059_B1_H08_MR
46010	ZM_059_B1_H09		ZM_059_B1_H09_MR
46011	ZM_059_B1_H10		ZM_059_B1_H10_MR
46012	ZM_059_B1_H11		ZM_059_B1_H11_MR
46013	ZM_059_B1_H12		ZM_059_B1_H12_MR
46014	ZM_059_B2_A01	ZM_059_B2_A01_T7C	
46015	ZM_059_B2_A02	ZM_059_B2_A02_T7C	
46016	ZM_059_B2_A03	ZM_059_B2_A03_T7C	
46017	ZM_059_B2_A04	ZM_059_B2_A04_T7C	
46018	ZM_059_B2_A05	ZM_059_B2_A05_T7C	
46019	ZM_059_B2_A06	ZM_059_B2_A06_T7C	
46020	ZM_059_B2_A07	ZM_059_B2_A07_T7C	
46021	ZM_059_B2_A08	ZM_059_B2_A08_T7C	
46022	ZM_059_B2_A09	ZM_059_B2_A09_T7C	
46023	ZM_059_B2_A10	ZM_059_B2_A10_T7C	
46024	ZM_059_B2_A11	ZM_059_B2_A11_T7C	
46025	ZM_059_B2_A12	ZM_059_B2_A12_T7C	
46026	ZM_059_B2_B01	ZM_059_B2_B01_T7C	
46027	ZM_059_B2_B02	ZM_059_B2_B02_T7C	
46028	ZM_059_B2_B03	ZM_059_B2_B03_T7C	
46029	ZM_059_B2_B04	ZM_059_B2_B04_T7C	
46030	ZM_059_B2_B05	ZM_059_B2_B05_T7C	
46031	ZM_059_B2_B06	ZM_059_B2_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46032	ZM_059_B2_B07	ZM_059_B2_B07_T7C	
46033	ZM_059_B2_B08	ZM_059_B2_B08_T7C	
46034	ZM_059_B2_B09	ZM_059_B2_B09_T7C	
46035	ZM_059_B2_B10	ZM_059_B2_B10_T7C	
46036	ZM_059_B2_B11	ZM_059_B2_B11_T7C	
46037	ZM_059_B2_B12	ZM_059_B2_B12_T7C	
46038	ZM_059_B2_C01	ZM_059_B2_C01_T7C	
46039	ZM_059_B2_C02	ZM_059_B2_C02_T7C	
46040	ZM_059_B2_C03	ZM_059_B2_C03_T7C	
46041	ZM_059_B2_C05	ZM_059_B2_C05_T7C	
46042	ZM_059_B2_C06	ZM_059_B2_C06_T7C	
46043	ZM_059_B2_C09	ZM_059_B2_C09_T7C	
46044	ZM_059_B2_C10	ZM_059_B2_C10_T7C	
46045	ZM_059_B2_C11	ZM_059_B2_C11_T7C	
46046	ZM_059_B2_C12	ZM_059_B2_C12_T7C	
46047	ZM_059_B2_D01	ZM_059_B2_D01_T7C	
46048	ZM_059_B2_D02	ZM_059_B2_D02_T7C	
46049	ZM_059_B2_D03	ZM_059_B2_D03_T7C	
46050	ZM_059_B2_D06	ZM_059_B2_D06_T7C	
46051	ZM_059_B2_D07	ZM_059_B2_D07_T7C	
46052	ZM_059_B2_D08	ZM_059_B2_D08_T7C	
46053	ZM_059_B2_D09	ZM_059_B2_D09_T7C	
46054	ZM_059_B2_D10	ZM_059_B2_D10_T7C	
46055	ZM_059_B2_D11	ZM_059_B2_D11_T7C	
46056	ZM_059_B2_D12	ZM_059_B2_D12_T7C	
46057	ZM_059_B2_E02	ZM_059_B2_E02_T7C	
46058	ZM_059_B2_E03	ZM_059_B2_E03_T7C	
46059	ZM_059_B2_E04	ZM_059_B2_E04_T7C	
46060	ZM_059_B2_E05	ZM_059_B2_E05_T7C	
46061	ZM_059_B2_E06	ZM_059_B2_E06_T7C	
46062	ZM_059_B2_E07	ZM_059_B2_E07_T7C	
46063	ZM_059_B2_E08	ZM_059_B2_E08_T7C	
46064	ZM_059_B2_E09	ZM_059_B2_E09_T7C	
46065	ZM_059_B2_E10	ZM_059_B2_E10_T7C	
46066	ZM_059_B2_E11	ZM_059_B2_E11_T7C	
46067	ZM_059_B2_E12	ZM_059_B2_E12_T7C	
46068	ZM_059_B2_F01	ZM_059_B2_F01_T7C	
46069	ZM_059_B2_F02	ZM_059_B2_F02_T7C	
46070	ZM_059_B2_F03	ZM_059_B2_F03_T7C	
46071	ZM_059_B2_F04	ZM_059_B2_F04_T7C	
46072	ZM_059_B2_F05	ZM_059_B2_F05_T7C	
46073	ZM_059_B2_F06	ZM_059_B2_F06_T7C	
46074	ZM_059_B2_F07	ZM_059_B2_F07_T7C	
46075	ZM_059_B2_F08	ZM_059_B2_F08_T7C	
46076	ZM_059_B2_F09	ZM_059_B2_F09_T7C	
46077	ZM_059_B2_F10	ZM_059_B2_F10_T7C	
46078	ZM_059_B2_F11	ZM_059_B2_F11_T7C	
46079	ZM_059_B2_G01	ZM_059_B2_G01_T7C	
46080	ZM_059_B2_G02	ZM_059_B2_G02_T7C	
46081	ZM_059_B2_G03	ZM_059_B2_G03_T7C	
46082	ZM_059_B2_G04	ZM_059_B2_G04_T7C	
46083	ZM_059_B2_G05	ZM_059_B2_G05_T7C	
46084	ZM_059_B2_G06	ZM_059_B2_G06_T7C	
46085	ZM_059_B2_G07	ZM_059_B2_G07_T7C	
46086	ZM_059_B2_G08	ZM_059_B2_G08_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46087	ZM_059_B2_G09	ZM_059_B2_G09_T7C	
46088	ZM_059_B2_G10	ZM_059_B2_G10_T7C	
46089	ZM_059_B2_G11	ZM_059_B2_G11_T7C	
46090	ZM_059_B2_G12	ZM_059_B2_G12_T7C	
46091	ZM_059_B2_H01	ZM_059_B2_H01_T7C	
46092	ZM_059_B2_H03	ZM_059_B2_H03_T7C	
46093	ZM_059_B2_H04	ZM_059_B2_H04_T7C	
46094	ZM_059_B2_H05	ZM_059_B2_H05_T7C	
46095	ZM_059_B2_H06	ZM_059_B2_H06_T7C	
46096	ZM_059_B2_H07	ZM_059_B2_H07_T7C	
46097	ZM_059_B2_H08	ZM_059_B2_H08_T7C	
46098	ZM_059_B2_H09	ZM_059_B2_H09_T7C	
46099	ZM_059_B2_H10	ZM_059_B2_H10_T7C	
46100	ZM_059_B2_H11	ZM_059_B2_H11_T7C	
46101	ZM_059_B2_H12	ZM_059_B2_H12_T7C	
46102	ZM_060_A1_A01	ZM_060_A1_A01_T7	
46103	ZM_060_A1_A02	ZM_060_A1_A02_T7	
46104	ZM_060_A1_A03	ZM_060_A1_A03_T7	
46105	ZM_060_A1_A03		ZM_060_A1_A03_MR
46106	ZM_060_A1_A04	ZM_060_A1_A04_T7	
46107	ZM_060_A1_A04		ZM_060_A1_A04_MR
46108	ZM_060_A1_A05	ZM_060_A1_A05_T7	
46109	ZM_060_A1_A05		ZM_060_A1_A05_MR
46110	ZM_060_A1_A06	ZM_060_A1_A06_T7	
46111	ZM_060_A1_A07	ZM_060_A1_A07_T7	
46112	ZM_060_A1_A08	ZM_060_A1_A08_T7	
46113	ZM_060_A1_A08		ZM_060_A1_A08_MR
46114	ZM_060_A1_A09	ZM_060_A1_A09_T7	
46115	ZM_060_A1_A09		ZM_060_A1_A09_MR
46116	ZM_060_A1_A10	ZM_060_A1_A10_T7	
46117	ZM_060_A1_A10		ZM_060_A1_A10_MR
46118	ZM_060_A1_A11		ZM_060_A1_A11_MR
46119	ZM_060_A1_A12	ZM_060_A1_A12_T7	
46120	ZM_060_A1_A12		ZM_060_A1_A12_MR
46121	ZM_060_A1_B01	ZM_060_A1_B01_T7	
46122	ZM_060_A1_B01		ZM_060_A1_B01_MR
46123	ZM_060_A1_B02	ZM_060_A1_B02_T7	
46124	ZM_060_A1_B02		ZM_060_A1_B02_MR
46125	ZM_060_A1_B03	ZM_060_A1_B03_T7	
46126	ZM_060_A1_B03		ZM_060_A1_B03_MR
46127	ZM_060_A1_B04	ZM_060_A1_B04_T7	
46128	ZM_060_A1_B05	ZM_060_A1_B05_T7	
46129	ZM_060_A1_B05		ZM_060_A1_B05_MR
46130	ZM_060_A1_B06		ZM_060_A1_B06_MR
46131	ZM_060_A1_B07	ZM_060_A1_B07_T7	
46132	ZM_060_A1_B07		ZM_060_A1_B07_MR
46133	ZM_060_A1_B08	ZM_060_A1_B08_T7	
46134	ZM_060_A1_B09	ZM_060_A1_B09_T7	
46135	ZM_060_A1_B09		ZM_060_A1_B09_MR
46136	ZM_060_A1_B10	ZM_060_A1_B10_T7	
46137	ZM_060_A1_B10		ZM_060_A1_B10_MR
46138	ZM_060_A1_B11	ZM_060_A1_B11_T7	
46139	ZM_060_A1_B11		ZM_060_A1_B11_MR
46140	ZM_060_A1_B12	ZM_060_A1_B12_T7	
46141	ZM_060_A1_B12		ZM_060_A1_B12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46142	ZM_060_A1_C01	ZM_060_A1_C01_T7	
46143	ZM_060_A1_C01		ZM_060_A1_C01_MR
46144	ZM_060_A1_C02	ZM_060_A1_C02_T7	
46145	ZM_060_A1_C02		ZM_060_A1_C02_MR
46146	ZM_060_A1_C03	ZM_060_A1_C03_T7	
46147	ZM_060_A1_C03		ZM_060_A1_C03_MR
46148	ZM_060_A1_C04	ZM_060_A1_C04_T7	
46149	ZM_060_A1_C04		ZM_060_A1_C04_MR
46150	ZM_060_A1_C05	ZM_060_A1_C05_T7	
46151	ZM_060_A1_C06	ZM_060_A1_C06_T7	
46152	ZM_060_A1_C06		ZM_060_A1_C06_MR
46153	ZM_060_A1_C07	ZM_060_A1_C07_T7	
46154	ZM_060_A1_C07		ZM_060_A1_C07_MR
46155	ZM_060_A1_C08	ZM_060_A1_C08_T7	
46156	ZM_060_A1_C08		ZM_060_A1_C08_MR
46157	ZM_060_A1_C09	ZM_060_A1_C09_T7	
46158	ZM_060_A1_C09		ZM_060_A1_C09_MR
46159	ZM_060_A1_C10		ZM_060_A1_C10_MR
46160	ZM_060_A1_C11	ZM_060_A1_C11_T7	
46161	ZM_060_A1_C11		ZM_060_A1_C11_MR
46162	ZM_060_A1_C12	ZM_060_A1_C12_T7	
46163	ZM_060_A1_C12		ZM_060_A1_C12_MR
46164	ZM_060_A1_D01	ZM_060_A1_D01_T7	
46165	ZM_060_A1_D01		ZM_060_A1_D01_MR
46166	ZM_060_A1_D02	ZM_060_A1_D02_T7	
46167	ZM_060_A1_D02		ZM_060_A1_D02_MR
46168	ZM_060_A1_D03	ZM_060_A1_D03_T7	
46169	ZM_060_A1_D03		ZM_060_A1_D03_MR
46170	ZM_060_A1_D04		ZM_060_A1_D04_MR
46171	ZM_060_A1_D05		ZM_060_A1_D05_MR
46172	ZM_060_A1_D06	ZM_060_A1_D06_T7	
46173	ZM_060_A1_D06		ZM_060_A1_D06_MR
46174	ZM_060_A1_D07		ZM_060_A1_D07_MR
46175	ZM_060_A1_D08	ZM_060_A1_D08_T7	
46176	ZM_060_A1_D09	ZM_060_A1_D09_T7	
46177	ZM_060_A1_D09		ZM_060_A1_D09_MR
46178	ZM_060_A1_D10	ZM_060_A1_D10_T7	
46179	ZM_060_A1_D10		ZM_060_A1_D10_MR
46180	ZM_060_A1_D11	ZM_060_A1_D11_T7	
46181	ZM_060_A1_D11		ZM_060_A1_D11_MR
46182	ZM_060_A1_D12	ZM_060_A1_D12_T7	
46183	ZM_060_A1_D12		ZM_060_A1_D12_MR
46184	ZM_060_A1_E01	ZM_060_A1_E01_T7	
46185	ZM_060_A1_E02	ZM_060_A1_E02_T7	
46186	ZM_060_A1_E02		ZM_060_A1_E02_MR
46187	ZM_060_A1_E04	ZM_060_A1_E04_T7	
46188	ZM_060_A1_E05	ZM_060_A1_E05_T7	
46189	ZM_060_A1_E05		ZM_060_A1_E05_MR
46190	ZM_060_A1_E06	ZM_060_A1_E06_T7	
46191	ZM_060_A1_E06		ZM_060_A1_E06_MR
46192	ZM_060_A1_E07	ZM_060_A1_E07_T7	
46193	ZM_060_A1_E07		ZM_060_A1_E07_MR
46194	ZM_060_A1_E08	ZM_060_A1_E08_T7	
46195	ZM_060_A1_E10	ZM_060_A1_E10_T7	
46196	ZM_060_A1_E10		ZM_060_A1_E10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46197	ZM_060_A1_E11	ZM_060_A1_E11_T7	
46198	ZM_060_A1_E11		ZM_060_A1_E11_MR
46199	ZM_060_A1_E12	ZM_060_A1_E12_T7	
46200	ZM_060_A1_E12		ZM_060_A1_E12_MR
46201	ZM_060_A1_F01	ZM_060_A1_F01_T7	
46202	ZM_060_A1_F01		ZM_060_A1_F01_MR
46203	ZM_060_A1_F03	ZM_060_A1_F03_T7	
46204	ZM_060_A1_F04	ZM_060_A1_F04_T7	
46205	ZM_060_A1_F04		ZM_060_A1_F04_MR
46206	ZM_060_A1_F05	ZM_060_A1_F05_T7	
46207	ZM_060_A1_F05		ZM_060_A1_F05_MR
46208	ZM_060_A1_F06	ZM_060_A1_F06_T7	
46209	ZM_060_A1_F07	ZM_060_A1_F07_T7	
46210	ZM_060_A1_F07		ZM_060_A1_F07_MR
46211	ZM_060_A1_F08	ZM_060_A1_F08_T7	
46212	ZM_060_A1_F08		ZM_060_A1_F08_MR
46213	ZM_060_A1_F09	ZM_060_A1_F09_T7	
46214	ZM_060_A1_F10	ZM_060_A1_F10_T7	
46215	ZM_060_A1_F10		ZM_060_A1_F10_MR
46216	ZM_060_A1_F11	ZM_060_A1_F11_T7	
46217	ZM_060_A1_F11		ZM_060_A1_F11_MR
46218	ZM_060_A1_F12	ZM_060_A1_F12_T7	
46219	ZM_060_A1_F12		ZM_060_A1_F12_MR
46220	ZM_060_A1_G01	ZM_060_A1_G01_T7	
46221	ZM_060_A1_G01		ZM_060_A1_G01_MR
46222	ZM_060_A1_G02	ZM_060_A1_G02_T7	
46223	ZM_060_A1_G02		ZM_060_A1_G02_MR
46224	ZM_060_A1_G03	ZM_060_A1_G03_T7	
46225	ZM_060_A1_G04	ZM_060_A1_G04_T7	
46226	ZM_060_A1_G04		ZM_060_A1_G04_MR
46227	ZM_060_A1_G05	ZM_060_A1_G05_T7	
46228	ZM_060_A1_G05		ZM_060_A1_G05_MR
46229	ZM_060_A1_G06	ZM_060_A1_G06_T7	
46230	ZM_060_A1_G07	ZM_060_A1_G07_T7	
46231	ZM_060_A1_G07		ZM_060_A1_G07_MR
46232	ZM_060_A1_G08	ZM_060_A1_G08_T7	
46233	ZM_060_A1_G08		ZM_060_A1_G08_MR
46234	ZM_060_A1_G09	ZM_060_A1_G09_T7	
46235	ZM_060_A1_G09		ZM_060_A1_G09_MR
46236	ZM_060_A1_G10	ZM_060_A1_G10_T7	
46237	ZM_060_A1_G10		ZM_060_A1_G10_MR
46238	ZM_060_A1_G12	ZM_060_A1_G12_T7	
46239	ZM_060_A1_G12		ZM_060_A1_G12_MR
46240	ZM_060_A1_H02	ZM_060_A1_H02_T7	
46241	ZM_060_A1_H03	ZM_060_A1_H03_T7	
46242	ZM_060_A1_H03		ZM_060_A1_H03_MR
46243	ZM_060_A1_H04	ZM_060_A1_H04_T7	
46244	ZM_060_A1_H04		ZM_060_A1_H04_MR
46245	ZM_060_A1_H05	ZM_060_A1_H05_T7	
46246	ZM_060_A1_H05		ZM_060_A1_H05_MR
46247	ZM_060_A1_H06	ZM_060_A1_H06_T7	
46248	ZM_060_A1_H06		ZM_060_A1_H06_MR
46249	ZM_060_A1_H07	ZM_060_A1_H07_T7	
46250	ZM_060_A1_H07		ZM_060_A1_H07_MR
46251	ZM_060_A1_H08	ZM_060_A1_H08_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46252	ZM_060_A1_H08		ZM_060_A1_H08_MR
46253	ZM_060_A1_H10	ZM_060_A1_H10_T7	
46254	ZM_060_A1_H10		ZM_060_A1_H10_MR
46255	ZM_060_A1_H11	ZM_060_A1_H11_T7	
46256	ZM_060_A1_H11		ZM_060_A1_H11_MR
46257	ZM_060_A1_H12	ZM_060_A1_H12_T7	
46258	ZM_060_A2_A01	ZM_060_A2_A01_T7C	
46259	ZM_060_A2_A01		ZM_060_A2_A01_MR
46260	ZM_060_A2_A02	ZM_060_A2_A02_T7C	
46261	ZM_060_A2_A04	ZM_060_A2_A04_T7C	
46262	ZM_060_A2_A04		ZM_060_A2_A04_MR
46263	ZM_060_A2_A05	ZM_060_A2_A05_T7C	
46264	ZM_060_A2_A05		ZM_060_A2_A05_MR
46265	ZM_060_A2_A06	ZM_060_A2_A06_T7C	
46266	ZM_060_A2_A06		ZM_060_A2_A06_MR
46267	ZM_060_A2_A07	ZM_060_A2_A07_T7C	
46268	ZM_060_A2_A07		ZM_060_A2_A07_MR
46269	ZM_060_A2_A08		ZM_060_A2_A08_MR
46270	ZM_060_A2_A09		ZM_060_A2_A09_MR
46271	ZM_060_A2_A10	ZM_060_A2_A10_T7C	
46272	ZM_060_A2_A11	ZM_060_A2_A11_T7C	
46273	ZM_060_A2_A11		ZM_060_A2_A11_MR
46274	ZM_060_A2_A12	ZM_060_A2_A12_T7C	
46275	ZM_060_A2_A12		ZM_060_A2_A12_MR
46276	ZM_060_A2_B01	ZM_060_A2_B01_T7C	
46277	ZM_060_A2_B01		ZM_060_A2_B01_MR
46278	ZM_060_A2_B03	ZM_060_A2_B03_T7C	
46279	ZM_060_A2_B04		ZM_060_A2_B04_MR
46280	ZM_060_A2_B05	ZM_060_A2_B05_T7C	
46281	ZM_060_A2_B05		ZM_060_A2_B05_MR
46282	ZM_060_A2_B06	ZM_060_A2_B06_T7C	
46283	ZM_060_A2_B06		ZM_060_A2_B06_MR
46284	ZM_060_A2_B07	ZM_060_A2_B07_T7C	
46285	ZM_060_A2_B07		ZM_060_A2_B07_MR
46286	ZM_060_A2_B08	ZM_060_A2_B08_T7C	
46287	ZM_060_A2_B08		ZM_060_A2_B08_MR
46288	ZM_060_A2_B09		ZM_060_A2_B09_MR
46289	ZM_060_A2_B10	ZM_060_A2_B10_T7C	
46290	ZM_060_A2_B10		ZM_060_A2_B10_MR
46291	ZM_060_A2_B11	ZM_060_A2_B11_T7C	
46292	ZM_060_A2_B11		ZM_060_A2_B11_MR
46293	ZM_060_A2_B12	ZM_060_A2_B12_T7C	
46294	ZM_060_A2_B12		ZM_060_A2_B12_MR
46295	ZM_060_A2_C01	ZM_060_A2_C01_T7C	
46296	ZM_060_A2_C01		ZM_060_A2_C01_MR
46297	ZM_060_A2_C02	ZM_060_A2_C02_T7C	
46298	ZM_060_A2_C02		ZM_060_A2_C02_MR
46299	ZM_060_A2_C03	ZM_060_A2_C03_T7C	
46300	ZM_060_A2_C03		ZM_060_A2_C03_MR
46301	ZM_060_A2_C04	ZM_060_A2_C04_T7C	
46302	ZM_060_A2_C04		ZM_060_A2_C04_MR
46303	ZM_060_A2_C05	ZM_060_A2_C05_T7C	
46304	ZM_060_A2_C05		ZM_060_A2_C05_MR
46305	ZM_060_A2_C06	ZM_060_A2_C06_T7C	
46306	ZM_060_A2_C06		ZM_060_A2_C06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46307	ZM_060_A2_C07	ZM_060_A2_C07_T7C	
46308	ZM_060_A2_C07		ZM_060_A2_C07_MR
46309	ZM_060_A2_C08	ZM_060_A2_C08_T7C	
46310	ZM_060_A2_C08		ZM_060_A2_C08_MR
46311	ZM_060_A2_C09	ZM_060_A2_C09_T7C	
46312	ZM_060_A2_C09		ZM_060_A2_C09_MR
46313	ZM_060_A2_C10	ZM_060_A2_C10_T7C	
46314	ZM_060_A2_C10		ZM_060_A2_C10_MR
46315	ZM_060_A2_C11	ZM_060_A2_C11_T7C	
46316	ZM_060_A2_C11		ZM_060_A2_C11_MR
46317	ZM_060_A2_C12	ZM_060_A2_C12_T7C	
46318	ZM_060_A2_C12		ZM_060_A2_C12_MR
46319	ZM_060_A2_D01	ZM_060_A2_D01_T7C	
46320	ZM_060_A2_D01		ZM_060_A2_D01_MR
46321	ZM_060_A2_D02	ZM_060_A2_D02_T7C	
46322	ZM_060_A2_D02		ZM_060_A2_D02_MR
46323	ZM_060_A2_D03	ZM_060_A2_D03_T7C	
46324	ZM_060_A2_D03		ZM_060_A2_D03_MR
46325	ZM_060_A2_D04	ZM_060_A2_D04_T7C	
46326	ZM_060_A2_D04		ZM_060_A2_D04_MR
46327	ZM_060_A2_D05	ZM_060_A2_D05_T7C	
46328	ZM_060_A2_D05		ZM_060_A2_D05_MR
46329	ZM_060_A2_D06	ZM_060_A2_D06_T7C	
46330	ZM_060_A2_D06		ZM_060_A2_D06_MR
46331	ZM_060_A2_D07	ZM_060_A2_D07_T7C	
46332	ZM_060_A2_D07		ZM_060_A2_D07_MR
46333	ZM_060_A2_D08	ZM_060_A2_D08_T7C	
46334	ZM_060_A2_D08		ZM_060_A2_D08_MR
46335	ZM_060_A2_D09	ZM_060_A2_D09_T7C	
46336	ZM_060_A2_D09		ZM_060_A2_D09_MR
46337	ZM_060_A2_D10	ZM_060_A2_D10_T7C	
46338	ZM_060_A2_D12	ZM_060_A2_D12_T7C	
46339	ZM_060_A2_D12		ZM_060_A2_D12_MR
46340	ZM_060_A2_E01	ZM_060_A2_E01_T7C	
46341	ZM_060_A2_E02	ZM_060_A2_E02_T7C	
46342	ZM_060_A2_E02		ZM_060_A2_E02_MR
46343	ZM_060_A2_E03	ZM_060_A2_E03_T7C	
46344	ZM_060_A2_E03		ZM_060_A2_E03_MR
46345	ZM_060_A2_E04	ZM_060_A2_E04_T7C	
46346	ZM_060_A2_E04		ZM_060_A2_E04_MR
46347	ZM_060_A2_E05	ZM_060_A2_E05_T7C	
46348	ZM_060_A2_E05		ZM_060_A2_E05_MR
46349	ZM_060_A2_E06	ZM_060_A2_E06_T7C	
46350	ZM_060_A2_E06		ZM_060_A2_E06_MR
46351	ZM_060_A2_E07	ZM_060_A2_E07_T7C	
46352	ZM_060_A2_E07		ZM_060_A2_E07_MR
46353	ZM_060_A2_E08	ZM_060_A2_E08_T7C	
46354	ZM_060_A2_E08		ZM_060_A2_E08_MR
46355	ZM_060_A2_E09	ZM_060_A2_E09_T7C	
46356	ZM_060_A2_E09		ZM_060_A2_E09_MR
46357	ZM_060_A2_E10	ZM_060_A2_E10_T7C	
46358	ZM_060_A2_E10		ZM_060_A2_E10_MR
46359	ZM_060_A2_E11		ZM_060_A2_E11_MR
46360	ZM_060_A2_E12	ZM_060_A2_E12_T7C	
46361	ZM_060_A2_F01	ZM_060_A2_F01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46362	ZM_060_A2_F01		ZM_060_A2_F01_MR
46363	ZM_060_A2_F02	ZM_060_A2_F02_T7C	
46364	ZM_060_A2_F02		ZM_060_A2_F02_MR
46365	ZM_060_A2_F03	ZM_060_A2_F03_T7C	
46366	ZM_060_A2_F04	ZM_060_A2_F04_T7C	
46367	ZM_060_A2_F04		ZM_060_A2_F04_MR
46368	ZM_060_A2_F05	ZM_060_A2_F05_T7C	
46369	ZM_060_A2_F05		ZM_060_A2_F05_MR
46370	ZM_060_A2_F06	ZM_060_A2_F06_T7C	
46371	ZM_060_A2_F06		ZM_060_A2_F06_MR
46372	ZM_060_A2_F07	ZM_060_A2_F07_T7C	
46373	ZM_060_A2_F07		ZM_060_A2_F07_MR
46374	ZM_060_A2_F08	ZM_060_A2_F08_T7C	
46375	ZM_060_A2_F08		ZM_060_A2_F08_MR
46376	ZM_060_A2_F09	ZM_060_A2_F09_T7C	
46377	ZM_060_A2_F09		ZM_060_A2_F09_MR
46378	ZM_060_A2_F10	ZM_060_A2_F10_T7C	
46379	ZM_060_A2_F10		ZM_060_A2_F10_MR
46380	ZM_060_A2_F11	ZM_060_A2_F11_T7C	
46381	ZM_060_A2_F11		ZM_060_A2_F11_MR
46382	ZM_060_A2_F12	ZM_060_A2_F12_T7C	
46383	ZM_060_A2_F12		ZM_060_A2_F12_MR
46384	ZM_060_A2_G01	ZM_060_A2_G01_T7C	
46385	ZM_060_A2_G01		ZM_060_A2_G01_MR
46386	ZM_060_A2_G02	ZM_060_A2_G02_T7C	
46387	ZM_060_A2_G02		ZM_060_A2_G02_MR
46388	ZM_060_A2_G03	ZM_060_A2_G03_T7C	
46389	ZM_060_A2_G03		ZM_060_A2_G03_MR
46390	ZM_060_A2_G04	ZM_060_A2_G04_T7C	
46391	ZM_060_A2_G04		ZM_060_A2_G04_MR
46392	ZM_060_A2_G05	ZM_060_A2_G05_T7C	
46393	ZM_060_A2_G05		ZM_060_A2_G05_MR
46394	ZM_060_A2_G06	ZM_060_A2_G06_T7C	
46395	ZM_060_A2_G06		ZM_060_A2_G06_MR
46396	ZM_060_A2_G07	ZM_060_A2_G07_T7C	
46397	ZM_060_A2_G07		ZM_060_A2_G07_MR
46398	ZM_060_A2_G08	ZM_060_A2_G08_T7C	
46399	ZM_060_A2_G08		ZM_060_A2_G08_MR
46400	ZM_060_A2_G09	ZM_060_A2_G09_T7C	
46401	ZM_060_A2_G09		ZM_060_A2_G09_MR
46402	ZM_060_A2_G11	ZM_060_A2_G11_T7C	
46403	ZM_060_A2_G11		ZM_060_A2_G11_MR
46404	ZM_060_A2_G12	ZM_060_A2_G12_T7C	
46405	ZM_060_A2_G12		ZM_060_A2_G12_MR
46406	ZM_060_A2_H01		ZM_060_A2_H01_MR
46407	ZM_060_A2_H02	ZM_060_A2_H02_T7C	
46408	ZM_060_A2_H03	ZM_060_A2_H03_T7C	
46409	ZM_060_A2_H03		ZM_060_A2_H03_MR
46410	ZM_060_A2_H04	ZM_060_A2_H04_T7C	
46411	ZM_060_A2_H04		ZM_060_A2_H04_MR
46412	ZM_060_A2_H05	ZM_060_A2_H05_T7C	
46413	ZM_060_A2_H05		ZM_060_A2_H05_MR
46414	ZM_060_A2_H06	ZM_060_A2_H06_T7C	
46415	ZM_060_A2_H06		ZM_060_A2_H06_MR
46416	ZM_060_A2_H07	ZM_060_A2_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46417	ZM_060_A2_H07		ZM_060_A2_H07_MR
46418	ZM_060_A2_H08		ZM_060_A2_H08_MR
46419	ZM_060_A2_H09	ZM_060_A2_H09_T7C	
46420	ZM_060_A2_H09		ZM_060_A2_H09_MR
46421	ZM_060_A2_H10	ZM_060_A2_H10_T7C	
46422	ZM_060_A2_H11	ZM_060_A2_H11_T7C	
46423	ZM_060_A2_H11		ZM_060_A2_H11_MR
46424	ZM_060_A2_H12	ZM_060_A2_H12_T7C	
46425	ZM_060_A2_H12		ZM_060_A2_H12_MR
46426	ZM_060_B1_A01	ZM_060_B1_A01_T7C	
46427	ZM_060_B1_A01		ZM_060_B1_A01_MR
46428	ZM_060_B1_A03		ZM_060_B1_A03_MR
46429	ZM_060_B1_A05		ZM_060_B1_A05_MR
46430	ZM_060_B1_A07	ZM_060_B1_A07_T7C	
46431	ZM_060_B1_A07		ZM_060_B1_A07_MR
46432	ZM_060_B1_A08	ZM_060_B1_A08_T7C	
46433	ZM_060_B1_A08		ZM_060_B1_A08_MR
46434	ZM_060_B1_A10		ZM_060_B1_A10_MR
46435	ZM_060_B1_A11	ZM_060_B1_A11_T7C	
46436	ZM_060_B1_A12	ZM_060_B1_A12_T7C	
46437	ZM_060_B1_A12		ZM_060_B1_A12_MR
46438	ZM_060_B1_B01	ZM_060_B1_B01_T7C	
46439	ZM_060_B1_B01		ZM_060_B1_B01_MR
46440	ZM_060_B1_B03		ZM_060_B1_B03_MR
46441	ZM_060_B1_B04		ZM_060_B1_B04_MR
46442	ZM_060_B1_B05	ZM_060_B1_B05_T7C	
46443	ZM_060_B1_B05		ZM_060_B1_B05_MR
46444	ZM_060_B1_B07		ZM_060_B1_B07_MR
46445	ZM_060_B1_B08		ZM_060_B1_B08_MR
46446	ZM_060_B1_B09		ZM_060_B1_B09_MR
46447	ZM_060_B1_B10	ZM_060_B1_B10_T7C	
46448	ZM_060_B1_B10		ZM_060_B1_B10_MR
46449	ZM_060_B1_B11	ZM_060_B1_B11_T7C	
46450	ZM_060_B1_B11		ZM_060_B1_B11_MR
46451	ZM_060_B1_B12	ZM_060_B1_B12_T7C	
46452	ZM_060_B1_B12		ZM_060_B1_B12_MR
46453	ZM_060_B1_C01	ZM_060_B1_C01_T7C	
46454	ZM_060_B1_C01		ZM_060_B1_C01_MR
46455	ZM_060_B1_C02	ZM_060_B1_C02_T7C	
46456	ZM_060_B1_C02		ZM_060_B1_C02_MR
46457	ZM_060_B1_C03		ZM_060_B1_C03_MR
46458	ZM_060_B1_C04		ZM_060_B1_C04_MR
46459	ZM_060_B1_C05	ZM_060_B1_C05_T7C	
46460	ZM_060_B1_C05		ZM_060_B1_C05_MR
46461	ZM_060_B1_C06		ZM_060_B1_C06_MR
46462	ZM_060_B1_C07		ZM_060_B1_C07_MR
46463	ZM_060_B1_C09		ZM_060_B1_C09_MR
46464	ZM_060_B1_C10	ZM_060_B1_C10_T7C	
46465	ZM_060_B1_C10		ZM_060_B1_C10_MR
46466	ZM_060_B1_C11	ZM_060_B1_C11_T7C	
46467	ZM_060_B1_C12	ZM_060_B1_C12_T7C	
46468	ZM_060_B1_C12		ZM_060_B1_C12_MR
46469	ZM_060_B1_D01		ZM_060_B1_D01_MR
46470	ZM_060_B1_D02		ZM_060_B1_D02_MR
46471	ZM_060_B1_D03	ZM_060_B1_D03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46472	ZM_060_B1_D03		ZM_060_B1_D03_MR
46473	ZM_060_B1_D05		ZM_060_B1_D05_MR
46474	ZM_060_B1_D06		ZM_060_B1_D06_MR
46475	ZM_060_B1_D07		ZM_060_B1_D07_MR
46476	ZM_060_B1_D08		ZM_060_B1_D08_MR
46477	ZM_060_B1_D10	ZM_060_B1_D10_T7C	
46478	ZM_060_B1_D10		ZM_060_B1_D10_MR
46479	ZM_060_B1_D12	ZM_060_B1_D12_T7C	
46480	ZM_060_B1_D12		ZM_060_B1_D12_MR
46481	ZM_060_B1_E01		ZM_060_B1_E01_MR
46482	ZM_060_B1_E02		ZM_060_B1_E02_MR
46483	ZM_060_B1_E03	ZM_060_B1_E03_T7C	
46484	ZM_060_B1_E04		ZM_060_B1_E04_MR
46485	ZM_060_B1_E05		ZM_060_B1_E05_MR
46486	ZM_060_B1_E06		ZM_060_B1_E06_MR
46487	ZM_060_B1_E07		ZM_060_B1_E07_MR
46488	ZM_060_B1_E10	ZM_060_B1_E10_T7C	
46489	ZM_060_B1_E10		ZM_060_B1_E10_MR
46490	ZM_060_B1_E11		ZM_060_B1_E11_MR
46491	ZM_060_B1_E12	ZM_060_B1_E12_T7C	
46492	ZM_060_B1_E12		ZM_060_B1_E12_MR
46493	ZM_060_B1_F01		ZM_060_B1_F01_MR
46494	ZM_060_B1_F02	ZM_060_B1_F02_T7C	
46495	ZM_060_B1_F02		ZM_060_B1_F02_MR
46496	ZM_060_B1_F04		ZM_060_B1_F04_MR
46497	ZM_060_B1_F05		ZM_060_B1_F05_MR
46498	ZM_060_B1_F07		ZM_060_B1_F07_MR
46499	ZM_060_B1_F08		ZM_060_B1_F08_MR
46500	ZM_060_B1_F09		ZM_060_B1_F09_MR
46501	ZM_060_B1_F10	ZM_060_B1_F10_T7C	
46502	ZM_060_B1_F10		ZM_060_B1_F10_MR
46503	ZM_060_B1_F11	ZM_060_B1_F11_T7C	
46504	ZM_060_B1_F11		ZM_060_B1_F11_MR
46505	ZM_060_B1_F12	ZM_060_B1_F12_T7C	
46506	ZM_060_B1_F12		ZM_060_B1_F12_MR
46507	ZM_060_B1_G01	ZM_060_B1_G01_T7C	
46508	ZM_060_B1_G01		ZM_060_B1_G01_MR
46509	ZM_060_B1_G02		ZM_060_B1_G02_MR
46510	ZM_060_B1_G03		ZM_060_B1_G03_MR
46511	ZM_060_B1_G04		ZM_060_B1_G04_MR
46512	ZM_060_B1_G05		ZM_060_B1_G05_MR
46513	ZM_060_B1_G06		ZM_060_B1_G06_MR
46514	ZM_060_B1_G07		ZM_060_B1_G07_MR
46515	ZM_060_B1_G08		ZM_060_B1_G08_MR
46516	ZM_060_B1_G09		ZM_060_B1_G09_MR
46517	ZM_060_B1_G10	ZM_060_B1_G10_T7C	
46518	ZM_060_B1_G10		ZM_060_B1_G10_MR
46519	ZM_060_B1_G11		ZM_060_B1_G11_MR
46520	ZM_060_B1_G12	ZM_060_B1_G12_T7C	
46521	ZM_060_B1_G12		ZM_060_B1_G12_MR
46522	ZM_060_B1_H01		ZM_060_B1_H01_MR
46523	ZM_060_B1_H02	ZM_060_B1_H02_T7C	
46524	ZM_060_B1_H02		ZM_060_B1_H02_MR
46525	ZM_060_B1_H03		ZM_060_B1_H03_MR
46526	ZM_060_B1_H05	ZM_060_B1_H05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46527	ZM_060_B1_H06		ZM_060_B1_H06_MR
46528	ZM_060_B1_H07		ZM_060_B1_H07_MR
46529	ZM_060_B1_H08	ZM_060_B1_H08_T7C	
46530	ZM_060_B1_H08		ZM_060_B1_H08_MR
46531	ZM_060_B1_H09	ZM_060_B1_H09_T7C	
46532	ZM_060_B1_H09		ZM_060_B1_H09_MR
46533	ZM_060_B1_H10	ZM_060_B1_H10_T7C	
46534	ZM_060_B1_H10		ZM_060_B1_H10_MR
46535	ZM_060_B1_H11		ZM_060_B1_H11_MR
46536	ZM_060_B1_H12	ZM_060_B1_H12_T7C	
46537	ZM_060_B1_H12		ZM_060_B1_H12_MR
46538	ZM_060_B2_A05	ZM_060_B2_A05_T7C	
46539	ZM_060_B2_A07		ZM_060_B2_A07_MR
46540	ZM_060_B2_A08		ZM_060_B2_A08_MR
46541	ZM_060_B2_A09		ZM_060_B2_A09_MR
46542	ZM_060_B2_A11		ZM_060_B2_A11_MR
46543	ZM_060_B2_B02		ZM_060_B2_B02_MR
46544	ZM_060_B2_B03	ZM_060_B2_B03_T7C	
46545	ZM_060_B2_B05	ZM_060_B2_B05_T7C	
46546	ZM_060_B2_B06		ZM_060_B2_B06_MR
46547	ZM_060_B2_B07		ZM_060_B2_B07_MR
46548	ZM_060_B2_B08		ZM_060_B2_B08_MR
46549	ZM_060_B2_B09	ZM_060_B2_B09_T7C	
46550	ZM_060_B2_B09		ZM_060_B2_B09_MR
46551	ZM_060_B2_B10		ZM_060_B2_B10_MR
46552	ZM_060_B2_B11		ZM_060_B2_B11_MR
46553	ZM_060_B2_B12	ZM_060_B2_B12_T7C	
46554	ZM_060_B2_B12		ZM_060_B2_B12_MR
46555	ZM_060_B2_C05	ZM_060_B2_C05_T7C	
46556	ZM_060_B2_C05		ZM_060_B2_C05_MR
46557	ZM_060_B2_C08	ZM_060_B2_C08_T7C	
46558	ZM_060_B2_C08		ZM_060_B2_C08_MR
46559	ZM_060_B2_C09	ZM_060_B2_C09_T7C	
46560	ZM_060_B2_C10	ZM_060_B2_C10_T7C	
46561	ZM_060_B2_C11		ZM_060_B2_C11_MR
46562	ZM_060_B2_C12	ZM_060_B2_C12_T7C	
46563	ZM_060_B2_D05	ZM_060_B2_D05_T7C	
46564	ZM_060_B2_D05		ZM_060_B2_D05_MR
46565	ZM_060_B2_D06		ZM_060_B2_D06_MR
46566	ZM_060_B2_D08	ZM_060_B2_D08_T7C	
46567	ZM_060_B2_D09	ZM_060_B2_D09_T7C	
46568	ZM_060_B2_D10		ZM_060_B2_D10_MR
46569	ZM_060_B2_D11	ZM_060_B2_D11_T7C	
46570	ZM_060_B2_D11		ZM_060_B2_D11_MR
46571	ZM_060_B2_D12		ZM_060_B2_D12_MR
46572	ZM_060_B2_E02	ZM_060_B2_E02_T7C	
46573	ZM_060_B2_E03	ZM_060_B2_E03_T7C	
46574	ZM_060_B2_E04	ZM_060_B2_E04_T7C	
46575	ZM_060_B2_E05	ZM_060_B2_E05_T7C	
46576	ZM_060_B2_E08	ZM_060_B2_E08_T7C	
46577	ZM_060_B2_E09		ZM_060_B2_E09_MR
46578	ZM_060_B2_E10	ZM_060_B2_E10_T7C	
46579	ZM_060_B2_E11	ZM_060_B2_E11_T7C	
46580	ZM_060_B2_E12	ZM_060_B2_E12_T7C	
46581	ZM_060_B2_E12		ZM_060_B2_E12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46582	ZM_060_B2_F02		ZM_060_B2_F02_MR
46583	ZM_060_B2_F04	ZM_060_B2_F04_T7C	
46584	ZM_060_B2_F06		ZM_060_B2_F06_MR
46585	ZM_060_B2_F07	ZM_060_B2_F07_T7C	
46586	ZM_060_B2_F07		ZM_060_B2_F07_MR
46587	ZM_060_B2_F08		ZM_060_B2_F08_MR
46588	ZM_060_B2_F09	ZM_060_B2_F09_T7C	
46589	ZM_060_B2_F09		ZM_060_B2_F09_MR
46590	ZM_060_B2_F10	ZM_060_B2_F10_T7C	
46591	ZM_060_B2_F11	ZM_060_B2_F11_T7C	
46592	ZM_060_B2_F11		ZM_060_B2_F11_MR
46593	ZM_060_B2_F12	ZM_060_B2_F12_T7C	
46594	ZM_060_B2_G01	ZM_060_B2_G01_T7C	
46595	ZM_060_B2_G04		ZM_060_B2_G04_MR
46596	ZM_060_B2_G08	ZM_060_B2_G08_T7C	
46597	ZM_060_B2_G10		ZM_060_B2_G10_MR
46598	ZM_060_B2_G11	ZM_060_B2_G11_T7C	
46599	ZM_060_B2_H03	ZM_060_B2_H03_T7C	
46600	ZM_060_B2_H05	ZM_060_B2_H05_T7C	
46601	ZM_060_B2_H07		ZM_060_B2_H07_MR
46602	ZM_060_B2_H10	ZM_060_B2_H10_T7C	
46603	ZM_060_B2_H11		ZM_060_B2_H11_MR
46604	ZM_060_B2_H12	ZM_060_B2_H12_T7C	
46605	ZM_060_B2_H12		ZM_060_B2_H12_MR
46606	ZM_061_A1_A01	ZM_061_A1_A01_T7	
46607	ZM_061_A1_A02	ZM_061_A1_A02_T7	
46608	ZM_061_A1_A02		ZM_061_A1_A02_MR
46609	ZM_061_A1_A03	ZM_061_A1_A03_T7	
46610	ZM_061_A1_A03		ZM_061_A1_A03_MR
46611	ZM_061_A1_A04		ZM_061_A1_A04_MR
46612	ZM_061_A1_A05	ZM_061_A1_A05_T7	
46613	ZM_061_A1_A05		ZM_061_A1_A05_MR
46614	ZM_061_A1_A06	ZM_061_A1_A06_T7	
46615	ZM_061_A1_A07	ZM_061_A1_A07_T7	
46616	ZM_061_A1_A07		ZM_061_A1_A07_MR
46617	ZM_061_A1_A08		ZM_061_A1_A08_MR
46618	ZM_061_A1_A09	ZM_061_A1_A09_T7	
46619	ZM_061_A1_A09		ZM_061_A1_A09_MR
46620	ZM_061_A1_A10	ZM_061_A1_A10_T7	
46621	ZM_061_A1_A12	ZM_061_A1_A12_T7	
46622	ZM_061_A1_A12		ZM_061_A1_A12_MR
46623	ZM_061_A1_B01	ZM_061_A1_B01_T7	
46624	ZM_061_A1_B01		ZM_061_A1_B01_MR
46625	ZM_061_A1_B02	ZM_061_A1_B02_T7	
46626	ZM_061_A1_B03		ZM_061_A1_B03_MR
46627	ZM_061_A1_B04	ZM_061_A1_B04_T7	
46628	ZM_061_A1_B04		ZM_061_A1_B04_MR
46629	ZM_061_A1_B05	ZM_061_A1_B05_T7	
46630	ZM_061_A1_B05		ZM_061_A1_B05_MR
46631	ZM_061_A1_B06	ZM_061_A1_B06_T7	
46632	ZM_061_A1_B06		ZM_061_A1_B06_MR
46633	ZM_061_A1_B08		ZM_061_A1_B08_MR
46634	ZM_061_A1_B09	ZM_061_A1_B09_T7	
46635	ZM_061_A1_B09		ZM_061_A1_B09_MR
46636	ZM_061_A1_B10	ZM_061_A1_B10_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46637	ZM_061_A1_B10		ZM_061_A1_B10_MR
46638	ZM_061_A1_B11		ZM_061_A1_B11_MR
46639	ZM_061_A1_B12	ZM_061_A1_B12_T7	
46640	ZM_061_A1_B12		ZM_061_A1_B12_MR
46641	ZM_061_A1_C02	ZM_061_A1_C02_T7	
46642	ZM_061_A1_C03	ZM_061_A1_C03_T7	
46643	ZM_061_A1_C03		ZM_061_A1_C03_MR
46644	ZM_061_A1_C04	ZM_061_A1_C04_T7	
46645	ZM_061_A1_C04		ZM_061_A1_C04_MR
46646	ZM_061_A1_C05	ZM_061_A1_C05_T7	
46647	ZM_061_A1_C06	ZM_061_A1_C06_T7	
46648	ZM_061_A1_C06		ZM_061_A1_C06_MR
46649	ZM_061_A1_C07	ZM_061_A1_C07_T7	
46650	ZM_061_A1_C07		ZM_061_A1_C07_MR
46651	ZM_061_A1_C08	ZM_061_A1_C08_T7	
46652	ZM_061_A1_C09		ZM_061_A1_C09_MR
46653	ZM_061_A1_C10	ZM_061_A1_C10_T7	
46654	ZM_061_A1_C10		ZM_061_A1_C10_MR
46655	ZM_061_A1_C11		ZM_061_A1_C11_MR
46656	ZM_061_A1_C12	ZM_061_A1_C12_T7	
46657	ZM_061_A1_C12		ZM_061_A1_C12_MR
46658	ZM_061_A1_D01	ZM_061_A1_D01_T7	
46659	ZM_061_A1_D01		ZM_061_A1_D01_MR
46660	ZM_061_A1_D02	ZM_061_A1_D02_T7	
46661	ZM_061_A1_D02		ZM_061_A1_D02_MR
46662	ZM_061_A1_D04	ZM_061_A1_D04_T7	
46663	ZM_061_A1_D04		ZM_061_A1_D04_MR
46664	ZM_061_A1_D05	ZM_061_A1_D05_T7	
46665	ZM_061_A1_D06	ZM_061_A1_D06_T7	
46666	ZM_061_A1_D06		ZM_061_A1_D06_MR
46667	ZM_061_A1_D07	ZM_061_A1_D07_T7	
46668	ZM_061_A1_D07		ZM_061_A1_D07_MR
46669	ZM_061_A1_D08		ZM_061_A1_D08_MR
46670	ZM_061_A1_D09	ZM_061_A1_D09_T7	
46671	ZM_061_A1_D09		ZM_061_A1_D09_MR
46672	ZM_061_A1_D10	ZM_061_A1_D10_T7	
46673	ZM_061_A1_D10		ZM_061_A1_D10_MR
46674	ZM_061_A1_D11	ZM_061_A1_D11_T7	
46675	ZM_061_A1_D11		ZM_061_A1_D11_MR
46676	ZM_061_A1_D12	ZM_061_A1_D12_T7	
46677	ZM_061_A1_D12		ZM_061_A1_D12_MR
46678	ZM_061_A1_E01	ZM_061_A1_E01_T7	
46679	ZM_061_A1_E01		ZM_061_A1_E01_MR
46680	ZM_061_A1_E02	ZM_061_A1_E02_T7	
46681	ZM_061_A1_E02		ZM_061_A1_E02_MR
46682	ZM_061_A1_E03	ZM_061_A1_E03_T7	
46683	ZM_061_A1_E03		ZM_061_A1_E03_MR
46684	ZM_061_A1_E04	ZM_061_A1_E04_T7	
46685	ZM_061_A1_E04		ZM_061_A1_E04_MR
46686	ZM_061_A1_E06	ZM_061_A1_E06_T7	
46687	ZM_061_A1_E06		ZM_061_A1_E06_MR
46688	ZM_061_A1_E07	ZM_061_A1_E07_T7	
46689	ZM_061_A1_E07		ZM_061_A1_E07_MR
46690	ZM_061_A1_E08	ZM_061_A1_E08_T7	
46691	ZM_061_A1_E08		ZM_061_A1_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46692	ZM_061_A1_E10	ZM_061_A1_E10_T7	
46693	ZM_061_A1_E10		ZM_061_A1_E10_MR
46694	ZM_061_A1_E11	ZM_061_A1_E11_T7	
46695	ZM_061_A1_E11		ZM_061_A1_E11_MR
46696	ZM_061_A1_E12	ZM_061_A1_E12_T7	
46697	ZM_061_A1_F01	ZM_061_A1_F01_T7	
46698	ZM_061_A1_F03	ZM_061_A1_F03_T7	
46699	ZM_061_A1_F03		ZM_061_A1_F03_MR
46700	ZM_061_A1_F04	ZM_061_A1_F04_T7	
46701	ZM_061_A1_F04		ZM_061_A1_F04_MR
46702	ZM_061_A1_F05	ZM_061_A1_F05_T7	
46703	ZM_061_A1_F05		ZM_061_A1_F05_MR
46704	ZM_061_A1_F06	ZM_061_A1_F06_T7	
46705	ZM_061_A1_F07	ZM_061_A1_F07_T7	
46706	ZM_061_A1_F07		ZM_061_A1_F07_MR
46707	ZM_061_A1_F08	ZM_061_A1_F08_T7	
46708	ZM_061_A1_F08		ZM_061_A1_F08_MR
46709	ZM_061_A1_F09	ZM_061_A1_F09_T7	
46710	ZM_061_A1_F09		ZM_061_A1_F09_MR
46711	ZM_061_A1_F10	ZM_061_A1_F10_T7	
46712	ZM_061_A1_F11		ZM_061_A1_F11_MR
46713	ZM_061_A1_F12	ZM_061_A1_F12_T7	
46714	ZM_061_A1_F12		ZM_061_A1_F12_MR
46715	ZM_061_A1_G01	ZM_061_A1_G01_T7	
46716	ZM_061_A1_G01		ZM_061_A1_G01_MR
46717	ZM_061_A1_G02		ZM_061_A1_G02_MR
46718	ZM_061_A1_G03	ZM_061_A1_G03_T7	
46719	ZM_061_A1_G03		ZM_061_A1_G03_MR
46720	ZM_061_A1_G04	ZM_061_A1_G04_T7	
46721	ZM_061_A1_G04		ZM_061_A1_G04_MR
46722	ZM_061_A1_G05	ZM_061_A1_G05_T7	
46723	ZM_061_A1_G05		ZM_061_A1_G05_MR
46724	ZM_061_A1_G06	ZM_061_A1_G06_T7	
46725	ZM_061_A1_G06		ZM_061_A1_G06_MR
46726	ZM_061_A1_G07	ZM_061_A1_G07_T7	
46727	ZM_061_A1_G07		ZM_061_A1_G07_MR
46728	ZM_061_A1_G08	ZM_061_A1_G08_T7	
46729	ZM_061_A1_G08		ZM_061_A1_G08_MR
46730	ZM_061_A1_G09	ZM_061_A1_G09_T7	
46731	ZM_061_A1_G09		ZM_061_A1_G09_MR
46732	ZM_061_A1_G10	ZM_061_A1_G10_T7	
46733	ZM_061_A1_G10		ZM_061_A1_G10_MR
46734	ZM_061_A1_G11	ZM_061_A1_G11_T7	
46735	ZM_061_A1_G11		ZM_061_A1_G11_MR
46736	ZM_061_A1_H01	ZM_061_A1_H01_T7	
46737	ZM_061_A1_H01		ZM_061_A1_H01_MR
46738	ZM_061_A1_H02	ZM_061_A1_H02_T7	
46739	ZM_061_A1_H02		ZM_061_A1_H02_MR
46740	ZM_061_A1_H03	ZM_061_A1_H03_T7	
46741	ZM_061_A1_H04		ZM_061_A1_H04_MR
46742	ZM_061_A1_H06	ZM_061_A1_H06_T7	
46743	ZM_061_A1_H06		ZM_061_A1_H06_MR
46744	ZM_061_A1_H07	ZM_061_A1_H07_T7	
46745	ZM_061_A1_H07		ZM_061_A1_H07_MR
46746	ZM_061_A1_H08	ZM_061_A1_H08_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46747	ZM_061_A1_H08		ZM_061_A1_H08_MR
46748	ZM_061_A1_H09	ZM_061_A1_H09_T7	
46749	ZM_061_A1_H09		ZM_061_A1_H09_MR
46750	ZM_061_A1_H10	ZM_061_A1_H10_T7	
46751	ZM_061_A1_H10		ZM_061_A1_H10_MR
46752	ZM_061_A1_H11		ZM_061_A1_H11_MR
46753	ZM_061_A1_H12	ZM_061_A1_H12_T7	
46754	ZM_061_A1_H12		ZM_061_A1_H12_MR
46755	ZM_061_A2_A01	ZM_061_A2_A01_T7C	
46756	ZM_061_A2_A01		ZM_061_A2_A01_MR
46757	ZM_061_A2_A02	ZM_061_A2_A02_T7C	
46758	ZM_061_A2_A02		ZM_061_A2_A02_MR
46759	ZM_061_A2_A03	ZM_061_A2_A03_T7C	
46760	ZM_061_A2_A04	ZM_061_A2_A04_T7C	
46761	ZM_061_A2_A04		ZM_061_A2_A04_MR
46762	ZM_061_A2_A05	ZM_061_A2_A05_T7C	
46763	ZM_061_A2_A05		ZM_061_A2_A05_MR
46764	ZM_061_A2_A06	ZM_061_A2_A06_T7C	
46765	ZM_061_A2_A06		ZM_061_A2_A06_MR
46766	ZM_061_A2_A07	ZM_061_A2_A07_T7C	
46767	ZM_061_A2_A07		ZM_061_A2_A07_MR
46768	ZM_061_A2_A08	ZM_061_A2_A08_T7C	
46769	ZM_061_A2_A08		ZM_061_A2_A08_MR
46770	ZM_061_A2_A10	ZM_061_A2_A10_T7C	
46771	ZM_061_A2_A10		ZM_061_A2_A10_MR
46772	ZM_061_A2_A12	ZM_061_A2_A12_T7C	
46773	ZM_061_A2_A12		ZM_061_A2_A12_MR
46774	ZM_061_A2_B01	ZM_061_A2_B01_T7C	
46775	ZM_061_A2_B01		ZM_061_A2_B01_MR
46776	ZM_061_A2_B02	ZM_061_A2_B02_T7C	
46777	ZM_061_A2_B02		ZM_061_A2_B02_MR
46778	ZM_061_A2_B03	ZM_061_A2_B03_T7C	
46779	ZM_061_A2_B03		ZM_061_A2_B03_MR
46780	ZM_061_A2_B04	ZM_061_A2_B04_T7C	
46781	ZM_061_A2_B04		ZM_061_A2_B04_MR
46782	ZM_061_A2_B05	ZM_061_A2_B05_T7C	
46783	ZM_061_A2_B05		ZM_061_A2_B05_MR
46784	ZM_061_A2_B06	ZM_061_A2_B06_T7C	
46785	ZM_061_A2_B06		ZM_061_A2_B06_MR
46786	ZM_061_A2_B07	ZM_061_A2_B07_T7C	
46787	ZM_061_A2_B07		ZM_061_A2_B07_MR
46788	ZM_061_A2_B08	ZM_061_A2_B08_T7C	
46789	ZM_061_A2_B08		ZM_061_A2_B08_MR
46790	ZM_061_A2_B09	ZM_061_A2_B09_T7C	
46791	ZM_061_A2_B09		ZM_061_A2_B09_MR
46792	ZM_061_A2_B10	ZM_061_A2_B10_T7C	
46793	ZM_061_A2_B10		ZM_061_A2_B10_MR
46794	ZM_061_A2_B11	ZM_061_A2_B11_T7C	
46795	ZM_061_A2_B11		ZM_061_A2_B11_MR
46796	ZM_061_A2_B12	ZM_061_A2_B12_T7C	
46797	ZM_061_A2_B12		ZM_061_A2_B12_MR
46798	ZM_061_A2_C01	ZM_061_A2_C01_T7C	
46799	ZM_061_A2_C01		ZM_061_A2_C01_MR
46800	ZM_061_A2_C02		ZM_061_A2_C02_MR
46801	ZM_061_A2_C03	ZM_061_A2_C03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46802	ZM_061_A2_C03		ZM_061_A2_C03_MR
46803	ZM_061_A2_C04	ZM_061_A2_C04_T7C	
46804	ZM_061_A2_C04		ZM_061_A2_C04_MR
46805	ZM_061_A2_C05	ZM_061_A2_C05_T7C	
46806	ZM_061_A2_C05		ZM_061_A2_C05_MR
46807	ZM_061_A2_C06	ZM_061_A2_C06_T7C	
46808	ZM_061_A2_C06		ZM_061_A2_C06_MR
46809	ZM_061_A2_C07	ZM_061_A2_C07_T7C	
46810	ZM_061_A2_C07		ZM_061_A2_C07_MR
46811	ZM_061_A2_C08		ZM_061_A2_C08_MR
46812	ZM_061_A2_C09	ZM_061_A2_C09_T7C	
46813	ZM_061_A2_C09		ZM_061_A2_C09_MR
46814	ZM_061_A2_C10	ZM_061_A2_C10_T7C	
46815	ZM_061_A2_C10		ZM_061_A2_C10_MR
46816	ZM_061_A2_C11		ZM_061_A2_C11_MR
46817	ZM_061_A2_C12		ZM_061_A2_C12_MR
46818	ZM_061_A2_D01	ZM_061_A2_D01_T7C	
46819	ZM_061_A2_D01		ZM_061_A2_D01_MR
46820	ZM_061_A2_D02	ZM_061_A2_D02_T7C	
46821	ZM_061_A2_D02		ZM_061_A2_D02_MR
46822	ZM_061_A2_D03	ZM_061_A2_D03_T7C	
46823	ZM_061_A2_D03		ZM_061_A2_D03_MR
46824	ZM_061_A2_D04	ZM_061_A2_D04_T7C	
46825	ZM_061_A2_D04		ZM_061_A2_D04_MR
46826	ZM_061_A2_D05	ZM_061_A2_D05_T7C	
46827	ZM_061_A2_D05		ZM_061_A2_D05_MR
46828	ZM_061_A2_D06	ZM_061_A2_D06_T7C	
46829	ZM_061_A2_D06		ZM_061_A2_D06_MR
46830	ZM_061_A2_D07	ZM_061_A2_D07_T7C	
46831	ZM_061_A2_D07		ZM_061_A2_D07_MR
46832	ZM_061_A2_D08		ZM_061_A2_D08_MR
46833	ZM_061_A2_D11	ZM_061_A2_D11_T7C	
46834	ZM_061_A2_D11		ZM_061_A2_D11_MR
46835	ZM_061_A2_D12	ZM_061_A2_D12_T7C	
46836	ZM_061_A2_D12		ZM_061_A2_D12_MR
46837	ZM_061_A2_E01	ZM_061_A2_E01_T7C	
46838	ZM_061_A2_E01		ZM_061_A2_E01_MR
46839	ZM_061_A2_E02	ZM_061_A2_E02_T7C	
46840	ZM_061_A2_E02		ZM_061_A2_E02_MR
46841	ZM_061_A2_E03		ZM_061_A2_E03_MR
46842	ZM_061_A2_E04	ZM_061_A2_E04_T7C	
46843	ZM_061_A2_E04		ZM_061_A2_E04_MR
46844	ZM_061_A2_E05	ZM_061_A2_E05_T7C	
46845	ZM_061_A2_E05		ZM_061_A2_E05_MR
46846	ZM_061_A2_E06	ZM_061_A2_E06_T7C	
46847	ZM_061_A2_E06		ZM_061_A2_E06_MR
46848	ZM_061_A2_E07	ZM_061_A2_E07_T7C	
46849	ZM_061_A2_E07		ZM_061_A2_E07_MR
46850	ZM_061_A2_E08	ZM_061_A2_E08_T7C	
46851	ZM_061_A2_E08		ZM_061_A2_E08_MR
46852	ZM_061_A2_E09	ZM_061_A2_E09_T7C	
46853	ZM_061_A2_E09		ZM_061_A2_E09_MR
46854	ZM_061_A2_E10	ZM_061_A2_E10_T7C	
46855	ZM_061_A2_E10		ZM_061_A2_E10_MR
46856	ZM_061_A2_E11	ZM_061_A2_E11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46857	ZM_061_A2_E11		ZM_061_A2_E11_MR
46858	ZM_061_A2_E12	ZM_061_A2_E12_T7C	
46859	ZM_061_A2_E12		ZM_061_A2_E12_MR
46860	ZM_061_A2_F01	ZM_061_A2_F01_T7C	
46861	ZM_061_A2_F01		ZM_061_A2_F01_MR
46862	ZM_061_A2_F02	ZM_061_A2_F02_T7C	
46863	ZM_061_A2_F02		ZM_061_A2_F02_MR
46864	ZM_061_A2_F03	ZM_061_A2_F03_T7C	
46865	ZM_061_A2_F03		ZM_061_A2_F03_MR
46866	ZM_061_A2_F04	ZM_061_A2_F04_T7C	
46867	ZM_061_A2_F04		ZM_061_A2_F04_MR
46868	ZM_061_A2_F05		ZM_061_A2_F05_MR
46869	ZM_061_A2_F06	ZM_061_A2_F06_T7C	
46870	ZM_061_A2_F06		ZM_061_A2_F06_MR
46871	ZM_061_A2_F07	ZM_061_A2_F07_T7C	
46872	ZM_061_A2_F07		ZM_061_A2_F07_MR
46873	ZM_061_A2_F08		ZM_061_A2_F08_MR
46874	ZM_061_A2_F09	ZM_061_A2_F09_T7C	
46875	ZM_061_A2_F09		ZM_061_A2_F09_MR
46876	ZM_061_A2_F10	ZM_061_A2_F10_T7C	
46877	ZM_061_A2_F10		ZM_061_A2_F10_MR
46878	ZM_061_A2_F11	ZM_061_A2_F11_T7C	
46879	ZM_061_A2_F12	ZM_061_A2_F12_T7C	
46880	ZM_061_A2_F12		ZM_061_A2_F12_MR
46881	ZM_061_A2_G01	ZM_061_A2_G01_T7C	
46882	ZM_061_A2_G01		ZM_061_A2_G01_MR
46883	ZM_061_A2_G02	ZM_061_A2_G02_T7C	
46884	ZM_061_A2_G03	ZM_061_A2_G03_T7C	
46885	ZM_061_A2_G03		ZM_061_A2_G03_MR
46886	ZM_061_A2_G04	ZM_061_A2_G04_T7C	
46887	ZM_061_A2_G04		ZM_061_A2_G04_MR
46888	ZM_061_A2_G05	ZM_061_A2_G05_T7C	
46889	ZM_061_A2_G05		ZM_061_A2_G05_MR
46890	ZM_061_A2_G06	ZM_061_A2_G06_T7C	
46891	ZM_061_A2_G06		ZM_061_A2_G06_MR
46892	ZM_061_A2_G07	ZM_061_A2_G07_T7C	
46893	ZM_061_A2_G07		ZM_061_A2_G07_MR
46894	ZM_061_A2_G08	ZM_061_A2_G08_T7C	
46895	ZM_061_A2_G08		ZM_061_A2_G08_MR
46896	ZM_061_A2_G09	ZM_061_A2_G09_T7C	
46897	ZM_061_A2_G09		ZM_061_A2_G09_MR
46898	ZM_061_A2_G10	ZM_061_A2_G10_T7C	
46899	ZM_061_A2_G10		ZM_061_A2_G10_MR
46900	ZM_061_A2_G11	ZM_061_A2_G11_T7C	
46901	ZM_061_A2_G11		ZM_061_A2_G11_MR
46902	ZM_061_A2_G12	ZM_061_A2_G12_T7C	
46903	ZM_061_A2_H01	ZM_061_A2_H01_T7C	
46904	ZM_061_A2_H01		ZM_061_A2_H01_MR
46905	ZM_061_A2_H02	ZM_061_A2_H02_T7C	
46906	ZM_061_A2_H02		ZM_061_A2_H02_MR
46907	ZM_061_A2_H03	ZM_061_A2_H03_T7C	
46908	ZM_061_A2_H03		ZM_061_A2_H03_MR
46909	ZM_061_A2_H04	ZM_061_A2_H04_T7C	
46910	ZM_061_A2_H04		ZM_061_A2_H04_MR
46911	ZM_061_A2_H05	ZM_061_A2_H05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46912	ZM_061_A2_H05		ZM_061_A2_H05_MR
46913	ZM_061_A2_H06	ZM_061_A2_H06_T7C	
46914	ZM_061_A2_H06		ZM_061_A2_H06_MR
46915	ZM_061_A2_H07	ZM_061_A2_H07_T7C	
46916	ZM_061_A2_H07		ZM_061_A2_H07_MR
46917	ZM_061_A2_H08	ZM_061_A2_H08_T7C	
46918	ZM_061_A2_H08		ZM_061_A2_H08_MR
46919	ZM_061_A2_H09	ZM_061_A2_H09_T7C	
46920	ZM_061_A2_H09		ZM_061_A2_H09_MR
46921	ZM_061_A2_H10		ZM_061_A2_H10_MR
46922	ZM_061_A2_H12	ZM_061_A2_H12_T7C	
46923	ZM_061_A2_H12		ZM_061_A2_H12_MR
46924	ZM_061_B1_A01	ZM_061_B1_A01_T7C	
46925	ZM_061_B1_A01		ZM_061_B1_A01_MR
46926	ZM_061_B1_A02	ZM_061_B1_A02_T7C	
46927	ZM_061_B1_A02		ZM_061_B1_A02_MR
46928	ZM_061_B1_A03	ZM_061_B1_A03_T7C	
46929	ZM_061_B1_A03		ZM_061_B1_A03_MR
46930	ZM_061_B1_A04	ZM_061_B1_A04_T7C	
46931	ZM_061_B1_A04		ZM_061_B1_A04_MR
46932	ZM_061_B1_A05	ZM_061_B1_A05_T7C	
46933	ZM_061_B1_A05		ZM_061_B1_A05_MR
46934	ZM_061_B1_A06	ZM_061_B1_A06_T7C	
46935	ZM_061_B1_A06		ZM_061_B1_A06_MR
46936	ZM_061_B1_A07	ZM_061_B1_A07_T7C	
46937	ZM_061_B1_A07		ZM_061_B1_A07_MR
46938	ZM_061_B1_A08	ZM_061_B1_A08_T7C	
46939	ZM_061_B1_A08		ZM_061_B1_A08_MR
46940	ZM_061_B1_A09	ZM_061_B1_A09_T7C	
46941	ZM_061_B1_A09		ZM_061_B1_A09_MR
46942	ZM_061_B1_A10	ZM_061_B1_A10_T7C	
46943	ZM_061_B1_A10		ZM_061_B1_A10_MR
46944	ZM_061_B1_A11	ZM_061_B1_A11_T7C	
46945	ZM_061_B1_A12	ZM_061_B1_A12_T7C	
46946	ZM_061_B1_B01	ZM_061_B1_B01_T7C	
46947	ZM_061_B1_B01		ZM_061_B1_B01_MR
46948	ZM_061_B1_B02	ZM_061_B1_B02_T7C	
46949	ZM_061_B1_B02		ZM_061_B1_B02_MR
46950	ZM_061_B1_B03	ZM_061_B1_B03_T7C	
46951	ZM_061_B1_B03		ZM_061_B1_B03_MR
46952	ZM_061_B1_B04	ZM_061_B1_B04_T7C	
46953	ZM_061_B1_B04		ZM_061_B1_B04_MR
46954	ZM_061_B1_B05	ZM_061_B1_B05_T7C	
46955	ZM_061_B1_B05		ZM_061_B1_B05_MR
46956	ZM_061_B1_B06	ZM_061_B1_B06_T7C	
46957	ZM_061_B1_B06		ZM_061_B1_B06_MR
46958	ZM_061_B1_B07	ZM_061_B1_B07_T7C	
46959	ZM_061_B1_B07		ZM_061_B1_B07_MR
46960	ZM_061_B1_B08	ZM_061_B1_B08_T7C	
46961	ZM_061_B1_B08		ZM_061_B1_B08_MR
46962	ZM_061_B1_B09	ZM_061_B1_B09_T7C	
46963	ZM_061_B1_B09		ZM_061_B1_B09_MR
46964	ZM_061_B1_B10	ZM_061_B1_B10_T7C	
46965	ZM_061_B1_B10		ZM_061_B1_B10_MR
46966	ZM_061_B1_B11	ZM_061_B1_B11_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
46967	ZM_061_B1_B11		ZM_061_B1_B11_MR
46968	ZM_061_B1_B12	ZM_061_B1_B12_T7C	
46969	ZM_061_B1_B12		ZM_061_B1_B12_MR
46970	ZM_061_B1_C01	ZM_061_B1_C01_T7C	
46971	ZM_061_B1_C01		ZM_061_B1_C01_MR
46972	ZM_061_B1_C02	ZM_061_B1_C02_T7C	
46973	ZM_061_B1_C02		ZM_061_B1_C02_MR
46974	ZM_061_B1_C03	ZM_061_B1_C03_T7C	
46975	ZM_061_B1_C03		ZM_061_B1_C03_MR
46976	ZM_061_B1_C04	ZM_061_B1_C04_T7C	
46977	ZM_061_B1_C04		ZM_061_B1_C04_MR
46978	ZM_061_B1_C05	ZM_061_B1_C05_T7C	
46979	ZM_061_B1_C05		ZM_061_B1_C05_MR
46980	ZM_061_B1_C06	ZM_061_B1_C06_T7C	
46981	ZM_061_B1_C06		ZM_061_B1_C06_MR
46982	ZM_061_B1_C07	ZM_061_B1_C07_T7C	
46983	ZM_061_B1_C07		ZM_061_B1_C07_MR
46984	ZM_061_B1_C08	ZM_061_B1_C08_T7C	
46985	ZM_061_B1_C08		ZM_061_B1_C08_MR
46986	ZM_061_B1_C09	ZM_061_B1_C09_T7C	
46987	ZM_061_B1_C09		ZM_061_B1_C09_MR
46988	ZM_061_B1_C10		ZM_061_B1_C10_MR
46989	ZM_061_B1_C11	ZM_061_B1_C11_T7C	
46990	ZM_061_B1_C11		ZM_061_B1_C11_MR
46991	ZM_061_B1_C12	ZM_061_B1_C12_T7C	
46992	ZM_061_B1_C12		ZM_061_B1_C12_MR
46993	ZM_061_B1_D01	ZM_061_B1_D01_T7C	
46994	ZM_061_B1_D01		ZM_061_B1_D01_MR
46995	ZM_061_B1_D02	ZM_061_B1_D02_T7C	
46996	ZM_061_B1_D02		ZM_061_B1_D02_MR
46997	ZM_061_B1_D03	ZM_061_B1_D03_T7C	
46998	ZM_061_B1_D03		ZM_061_B1_D03_MR
46999	ZM_061_B1_D04	ZM_061_B1_D04_T7C	
47000	ZM_061_B1_D04		ZM_061_B1_D04_MR
47001	ZM_061_B1_D05	ZM_061_B1_D05_T7C	
47002	ZM_061_B1_D05		ZM_061_B1_D05_MR
47003	ZM_061_B1_D06	ZM_061_B1_D06_T7C	
47004	ZM_061_B1_D06		ZM_061_B1_D06_MR
47005	ZM_061_B1_D07	ZM_061_B1_D07_T7C	
47006	ZM_061_B1_D07		ZM_061_B1_D07_MR
47007	ZM_061_B1_D08	ZM_061_B1_D08_T7C	
47008	ZM_061_B1_D08		ZM_061_B1_D08_MR
47009	ZM_061_B1_D09	ZM_061_B1_D09_T7C	
47010	ZM_061_B1_D09		ZM_061_B1_D09_MR
47011	ZM_061_B1_D10	ZM_061_B1_D10_T7C	
47012	ZM_061_B1_D10		ZM_061_B1_D10_MR
47013	ZM_061_B1_D11	ZM_061_B1_D11_T7C	
47014	ZM_061_B1_D11		ZM_061_B1_D11_MR
47015	ZM_061_B1_D12	ZM_061_B1_D12_T7C	
47016	ZM_061_B1_D12		ZM_061_B1_D12_MR
47017	ZM_061_B1_E01	ZM_061_B1_E01_T7C	
47018	ZM_061_B1_E01		ZM_061_B1_E01_MR
47019	ZM_061_B1_E02	ZM_061_B1_E02_T7C	
47020	ZM_061_B1_E02		ZM_061_B1_E02_MR
47021	ZM_061_B1_E03	ZM_061_B1_E03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47022	ZM_061_B1_E03		ZM_061_B1_E03_MR
47023	ZM_061_B1_E04	ZM_061_B1_E04_T7C	
47024	ZM_061_B1_E04		ZM_061_B1_E04_MR
47025	ZM_061_B1_E05	ZM_061_B1_E05_T7C	
47026	ZM_061_B1_E05		ZM_061_B1_E05_MR
47027	ZM_061_B1_E06	ZM_061_B1_E06_T7C	
47028	ZM_061_B1_E06		ZM_061_B1_E06_MR
47029	ZM_061_B1_E08	ZM_061_B1_E08_T7C	
47030	ZM_061_B1_E08		ZM_061_B1_E08_MR
47031	ZM_061_B1_E09	ZM_061_B1_E09_T7C	
47032	ZM_061_B1_E09		ZM_061_B1_E09_MR
47033	ZM_061_B1_E10	ZM_061_B1_E10_T7C	
47034	ZM_061_B1_E10		ZM_061_B1_E10_MR
47035	ZM_061_B1_E11	ZM_061_B1_E11_T7C	
47036	ZM_061_B1_E11		ZM_061_B1_E11_MR
47037	ZM_061_B1_E12	ZM_061_B1_E12_T7C	
47038	ZM_061_B1_E12		ZM_061_B1_E12_MR
47039	ZM_061_B1_F01	ZM_061_B1_F01_T7C	
47040	ZM_061_B1_F01		ZM_061_B1_F01_MR
47041	ZM_061_B1_F02	ZM_061_B1_F02_T7C	
47042	ZM_061_B1_F02		ZM_061_B1_F02_MR
47043	ZM_061_B1_F03	ZM_061_B1_F03_T7C	
47044	ZM_061_B1_F03		ZM_061_B1_F03_MR
47045	ZM_061_B1_F04	ZM_061_B1_F04_T7C	
47046	ZM_061_B1_F04		ZM_061_B1_F04_MR
47047	ZM_061_B1_F05	ZM_061_B1_F05_T7C	
47048	ZM_061_B1_F05		ZM_061_B1_F05_MR
47049	ZM_061_B1_F06	ZM_061_B1_F06_T7C	
47050	ZM_061_B1_F06		ZM_061_B1_F06_MR
47051	ZM_061_B1_F07	ZM_061_B1_F07_T7C	
47052	ZM_061_B1_F08	ZM_061_B1_F08_T7C	
47053	ZM_061_B1_F08		ZM_061_B1_F08_MR
47054	ZM_061_B1_F09	ZM_061_B1_F09_T7C	
47055	ZM_061_B1_F09		ZM_061_B1_F09_MR
47056	ZM_061_B1_F10	ZM_061_B1_F10_T7C	
47057	ZM_061_B1_F10		ZM_061_B1_F10_MR
47058	ZM_061_B1_F11	ZM_061_B1_F11_T7C	
47059	ZM_061_B1_F11		ZM_061_B1_F11_MR
47060	ZM_061_B1_F12	ZM_061_B1_F12_T7C	
47061	ZM_061_B1_F12		ZM_061_B1_F12_MR
47062	ZM_061_B1_G01	ZM_061_B1_G01_T7C	
47063	ZM_061_B1_G01		ZM_061_B1_G01_MR
47064	ZM_061_B1_G02	ZM_061_B1_G02_T7C	
47065	ZM_061_B1_G02		ZM_061_B1_G02_MR
47066	ZM_061_B1_G03	ZM_061_B1_G03_T7C	
47067	ZM_061_B1_G03		ZM_061_B1_G03_MR
47068	ZM_061_B1_G04	ZM_061_B1_G04_T7C	
47069	ZM_061_B1_G04		ZM_061_B1_G04_MR
47070	ZM_061_B1_G05	ZM_061_B1_G05_T7C	
47071	ZM_061_B1_G05		ZM_061_B1_G05_MR
47072	ZM_061_B1_G06	ZM_061_B1_G06_T7C	
47073	ZM_061_B1_G06		ZM_061_B1_G06_MR
47074	ZM_061_B1_G07	ZM_061_B1_G07_T7C	
47075	ZM_061_B1_G07		ZM_061_B1_G07_MR
47076	ZM_061_B1_G08	ZM_061_B1_G08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47077	ZM_061_B1_G08		ZM_061_B1_G08_MR
47078	ZM_061_B1_G09	ZM_061_B1_G09_T7C	
47079	ZM_061_B1_G09		ZM_061_B1_G09_MR
47080	ZM_061_B1_G10	ZM_061_B1_G10_T7C	
47081	ZM_061_B1_G10		ZM_061_B1_G10_MR
47082	ZM_061_B1_G11	ZM_061_B1_G11_T7C	
47083	ZM_061_B1_G11		ZM_061_B1_G11_MR
47084	ZM_061_B1_G12	ZM_061_B1_G12_T7C	
47085	ZM_061_B1_G12		ZM_061_B1_G12_MR
47086	ZM_061_B1_H01	ZM_061_B1_H01_T7C	
47087	ZM_061_B1_H01		ZM_061_B1_H01_MR
47088	ZM_061_B1_H02	ZM_061_B1_H02_T7C	
47089	ZM_061_B1_H02		ZM_061_B1_H02_MR
47090	ZM_061_B1_H03	ZM_061_B1_H03_T7C	
47091	ZM_061_B1_H03		ZM_061_B1_H03_MR
47092	ZM_061_B1_H04	ZM_061_B1_H04_T7C	
47093	ZM_061_B1_H04		ZM_061_B1_H04_MR
47094	ZM_061_B1_H05	ZM_061_B1_H05_T7C	
47095	ZM_061_B1_H05		ZM_061_B1_H05_MR
47096	ZM_061_B1_H06	ZM_061_B1_H06_T7C	
47097	ZM_061_B1_H06		ZM_061_B1_H06_MR
47098	ZM_061_B1_H07	ZM_061_B1_H07_T7C	
47099	ZM_061_B1_H07		ZM_061_B1_H07_MR
47100	ZM_061_B1_H08	ZM_061_B1_H08_T7C	
47101	ZM_061_B1_H08		ZM_061_B1_H08_MR
47102	ZM_061_B1_H09	ZM_061_B1_H09_T7C	
47103	ZM_061_B1_H09		ZM_061_B1_H09_MR
47104	ZM_061_B1_H10	ZM_061_B1_H10_T7C	
47105	ZM_061_B1_H10		ZM_061_B1_H10_MR
47106	ZM_061_B1_H11		ZM_061_B1_H11_MR
47107	ZM_061_B1_H12	ZM_061_B1_H12_T7C	
47108	ZM_061_B1_H12		ZM_061_B1_H12_MR
47109	ZM_061_B2_A04		ZM_061_B2_A04_MR
47110	ZM_061_B2_A05		ZM_061_B2_A05_MR
47111	ZM_061_B2_A12		ZM_061_B2_A12_MR
47112	ZM_061_B2_B01		ZM_061_B2_B01_MR
47113	ZM_061_B2_B06		ZM_061_B2_B06_MR
47114	ZM_061_B2_B07		ZM_061_B2_B07_MR
47115	ZM_061_B2_B10		ZM_061_B2_B10_MR
47116	ZM_061_B2_B12		ZM_061_B2_B12_MR
47117	ZM_061_B2_C01		ZM_061_B2_C01_MR
47118	ZM_061_B2_C10		ZM_061_B2_C10_MR
47119	ZM_061_B2_C11		ZM_061_B2_C11_MR
47120	ZM_061_B2_D04		ZM_061_B2_D04_MR
47121	ZM_061_B2_D08		ZM_061_B2_D08_MR
47122	ZM_061_B2_D09		ZM_061_B2_D09_MR
47123	ZM_061_B2_D11		ZM_061_B2_D11_MR
47124	ZM_061_B2_E02		ZM_061_B2_E02_MR
47125	ZM_061_B2_E07		ZM_061_B2_E07_MR
47126	ZM_061_B2_E09		ZM_061_B2_E09_MR
47127	ZM_061_B2_E10		ZM_061_B2_E10_MR
47128	ZM_061_B2_F01		ZM_061_B2_F01_MR
47129	ZM_061_B2_F08		ZM_061_B2_F08_MR
47130	ZM_061_B2_G12		ZM_061_B2_G12_MR
47131	ZM_061_B2_H01		ZM_061_B2_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47132	ZM_061_B2_H04		ZM_061_B2_H04_MR
47133	ZM_061_B2_H08		ZM_061_B2_H08_MR
47134	ZM_062_A1_A02	ZM_062_A1_A02_T7	
47135	ZM_062_A1_A03	ZM_062_A1_A03_T7	
47136	ZM_062_A1_A05	ZM_062_A1_A05_T7	
47137	ZM_062_A1_A08	ZM_062_A1_A08_T7	
47138	ZM_062_A1_A09	ZM_062_A1_A09_T7	
47139	ZM_062_A1_A10	ZM_062_A1_A10_T7	
47140	ZM_062_A1_A11	ZM_062_A1_A11_T7	
47141	ZM_062_A1_A12	ZM_062_A1_A12_T7	
47142	ZM_062_A1_B01	ZM_062_A1_B01_T7	
47143	ZM_062_A1_B02	ZM_062_A1_B02_T7	
47144	ZM_062_A1_B04	ZM_062_A1_B04_T7	
47145	ZM_062_A1_B06	ZM_062_A1_B06_T7	
47146	ZM_062_A1_B07	ZM_062_A1_B07_T7	
47147	ZM_062_A1_B10	ZM_062_A1_B10_T7	
47148	ZM_062_A1_B11	ZM_062_A1_B11_T7	
47149	ZM_062_A1_B12	ZM_062_A1_B12_T7	
47150	ZM_062_A1_C01	ZM_062_A1_C01_T7	
47151	ZM_062_A1_C02	ZM_062_A1_C02_T7	
47152	ZM_062_A1_C03	ZM_062_A1_C03_T7	
47153	ZM_062_A1_C04	ZM_062_A1_C04_T7	
47154	ZM_062_A1_C06	ZM_062_A1_C06_T7	
47155	ZM_062_A1_C07	ZM_062_A1_C07_T7	
47156	ZM_062_A1_C08	ZM_062_A1_C08_T7	
47157	ZM_062_A1_C11	ZM_062_A1_C11_T7	
47158	ZM_062_A1_C12	ZM_062_A1_C12_T7	
47159	ZM_062_A1_D02	ZM_062_A1_D02_T7	
47160	ZM_062_A1_D04	ZM_062_A1_D04_T7	
47161	ZM_062_A1_D07	ZM_062_A1_D07_T7	
47162	ZM_062_A1_D08	ZM_062_A1_D08_T7	
47163	ZM_062_A1_D09	ZM_062_A1_D09_T7	
47164	ZM_062_A1_D11	ZM_062_A1_D11_T7	
47165	ZM_062_A1_D12	ZM_062_A1_D12_T7	
47166	ZM_062_A1_E01	ZM_062_A1_E01_T7	
47167	ZM_062_A1_E02	ZM_062_A1_E02_T7	
47168	ZM_062_A1_E04	ZM_062_A1_E04_T7	
47169	ZM_062_A1_E05	ZM_062_A1_E05_T7	
47170	ZM_062_A1_E06	ZM_062_A1_E06_T7	
47171	ZM_062_A1_E07	ZM_062_A1_E07_T7	
47172	ZM_062_A1_E08	ZM_062_A1_E08_T7	
47173	ZM_062_A1_E10	ZM_062_A1_E10_T7	
47174	ZM_062_A1_E11	ZM_062_A1_E11_T7	
47175	ZM_062_A1_E12	ZM_062_A1_E12_T7	
47176	ZM_062_A1_F01	ZM_062_A1_F01_T7	
47177	ZM_062_A1_F02	ZM_062_A1_F02_T7	
47178	ZM_062_A1_F03	ZM_062_A1_F03_T7	
47179	ZM_062_A1_F04	ZM_062_A1_F04_T7	
47180	ZM_062_A1_F05	ZM_062_A1_F05_T7	
47181	ZM_062_A1_F06	ZM_062_A1_F06_T7	
47182	ZM_062_A1_F07	ZM_062_A1_F07_T7	
47183	ZM_062_A1_F09	ZM_062_A1_F09_T7	
47184	ZM_062_A1_F10	ZM_062_A1_F10_T7	
47185	ZM_062_A1_F11	ZM_062_A1_F11_T7	
47186	ZM_062_A1_F12	ZM_062_A1_F12_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47187	ZM_062_A1_G01	ZM_062_A1_G01_T7	
47188	ZM_062_A1_G02	ZM_062_A1_G02_T7	
47189	ZM_062_A1_G03	ZM_062_A1_G03_T7	
47190	ZM_062_A1_G04	ZM_062_A1_G04_T7	
47191	ZM_062_A1_G06	ZM_062_A1_G06_T7	
47192	ZM_062_A1_G08	ZM_062_A1_G08_T7	
47193	ZM_062_A1_G09	ZM_062_A1_G09_T7	
47194	ZM_062_A1_G10	ZM_062_A1_G10_T7	
47195	ZM_062_A1_G11	ZM_062_A1_G11_T7	
47196	ZM_062_A1_G12	ZM_062_A1_G12_T7	
47197	ZM_062_A1_H01	ZM_062_A1_H01_T7	
47198	ZM_062_A1_H02	ZM_062_A1_H02_T7	
47199	ZM_062_A1_H03	ZM_062_A1_H03_T7	
47200	ZM_062_A1_H04	ZM_062_A1_H04_T7	
47201	ZM_062_A1_H05	ZM_062_A1_H05_T7	
47202	ZM_062_A1_H06	ZM_062_A1_H06_T7	
47203	ZM_062_A1_H07	ZM_062_A1_H07_T7	
47204	ZM_062_A1_H08	ZM_062_A1_H08_T7	
47205	ZM_062_A1_H11	ZM_062_A1_H11_T7	
47206	ZM_062_A1_H12	ZM_062_A1_H12_T7	
47207	ZM_062_A2_A01	ZM_062_A2_A01_T7C	
47208	ZM_062_A2_A01		ZM_062_A2_A01_MR
47209	ZM_062_A2_A02	ZM_062_A2_A02_T7C	
47210	ZM_062_A2_A02		ZM_062_A2_A02_MR
47211	ZM_062_A2_A03	ZM_062_A2_A03_T7C	
47212	ZM_062_A2_A03		ZM_062_A2_A03_MR
47213	ZM_062_A2_A04	ZM_062_A2_A04_T7C	
47214	ZM_062_A2_A04		ZM_062_A2_A04_MR
47215	ZM_062_A2_A05	ZM_062_A2_A05_T7C	
47216	ZM_062_A2_A05		ZM_062_A2_A05_MR
47217	ZM_062_A2_A06	ZM_062_A2_A06_T7C	
47218	ZM_062_A2_A07	ZM_062_A2_A07_T7C	
47219	ZM_062_A2_A07		ZM_062_A2_A07_MR
47220	ZM_062_A2_A08	ZM_062_A2_A08_T7C	
47221	ZM_062_A2_A09	ZM_062_A2_A09_T7C	
47222	ZM_062_A2_A09		ZM_062_A2_A09_MR
47223	ZM_062_A2_A10	ZM_062_A2_A10_T7C	
47224	ZM_062_A2_A10		ZM_062_A2_A10_MR
47225	ZM_062_A2_A11	ZM_062_A2_A11_T7C	
47226	ZM_062_A2_A12	ZM_062_A2_A12_T7C	
47227	ZM_062_A2_A12		ZM_062_A2_A12_MR
47228	ZM_062_A2_B01	ZM_062_A2_B01_T7C	
47229	ZM_062_A2_B01		ZM_062_A2_B01_MR
47230	ZM_062_A2_B02	ZM_062_A2_B02_T7C	
47231	ZM_062_A2_B03	ZM_062_A2_B03_T7C	
47232	ZM_062_A2_B04	ZM_062_A2_B04_T7C	
47233	ZM_062_A2_B04		ZM_062_A2_B04_MR
47234	ZM_062_A2_B05	ZM_062_A2_B05_T7C	
47235	ZM_062_A2_B05		ZM_062_A2_B05_MR
47236	ZM_062_A2_B06	ZM_062_A2_B06_T7C	
47237	ZM_062_A2_B06		ZM_062_A2_B06_MR
47238	ZM_062_A2_B07	ZM_062_A2_B07_T7C	
47239	ZM_062_A2_B07		ZM_062_A2_B07_MR
47240	ZM_062_A2_B08	ZM_062_A2_B08_T7C	
47241	ZM_062_A2_B08		ZM_062_A2_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47242	ZM_062_A2_B09		ZM_062_A2_B09_MR
47243	ZM_062_A2_B10	ZM_062_A2_B10_T7C	
47244	ZM_062_A2_B10		ZM_062_A2_B10_MR
47245	ZM_062_A2_B11	ZM_062_A2_B11_T7C	
47246	ZM_062_A2_B12	ZM_062_A2_B12_T7C	
47247	ZM_062_A2_C01	ZM_062_A2_C01_T7C	
47248	ZM_062_A2_C01		ZM_062_A2_C01_MR
47249	ZM_062_A2_C02	ZM_062_A2_C02_T7C	
47250	ZM_062_A2_C02		ZM_062_A2_C02_MR
47251	ZM_062_A2_C03	ZM_062_A2_C03_T7C	
47252	ZM_062_A2_C03		ZM_062_A2_C03_MR
47253	ZM_062_A2_C04	ZM_062_A2_C04_T7C	
47254	ZM_062_A2_C04		ZM_062_A2_C04_MR
47255	ZM_062_A2_C05	ZM_062_A2_C05_T7C	
47256	ZM_062_A2_C05		ZM_062_A2_C05_MR
47257	ZM_062_A2_C06	ZM_062_A2_C06_T7C	
47258	ZM_062_A2_C07	ZM_062_A2_C07_T7C	
47259	ZM_062_A2_C07		ZM_062_A2_C07_MR
47260	ZM_062_A2_C08	ZM_062_A2_C08_T7C	
47261	ZM_062_A2_C08		ZM_062_A2_C08_MR
47262	ZM_062_A2_C09	ZM_062_A2_C09_T7C	
47263	ZM_062_A2_C09		ZM_062_A2_C09_MR
47264	ZM_062_A2_C10	ZM_062_A2_C10_T7C	
47265	ZM_062_A2_C10		ZM_062_A2_C10_MR
47266	ZM_062_A2_C11	ZM_062_A2_C11_T7C	
47267	ZM_062_A2_C11		ZM_062_A2_C11_MR
47268	ZM_062_A2_C12	ZM_062_A2_C12_T7C	
47269	ZM_062_A2_C12		ZM_062_A2_C12_MR
47270	ZM_062_A2_D01	ZM_062_A2_D01_T7C	
47271	ZM_062_A2_D01		ZM_062_A2_D01_MR
47272	ZM_062_A2_D02	ZM_062_A2_D02_T7C	
47273	ZM_062_A2_D02		ZM_062_A2_D02_MR
47274	ZM_062_A2_D03	ZM_062_A2_D03_T7C	
47275	ZM_062_A2_D03		ZM_062_A2_D03_MR
47276	ZM_062_A2_D04	ZM_062_A2_D04_T7C	
47277	ZM_062_A2_D04		ZM_062_A2_D04_MR
47278	ZM_062_A2_D05	ZM_062_A2_D05_T7C	
47279	ZM_062_A2_D06	ZM_062_A2_D06_T7C	
47280	ZM_062_A2_D07	ZM_062_A2_D07_T7C	
47281	ZM_062_A2_D07		ZM_062_A2_D07_MR
47282	ZM_062_A2_D08		ZM_062_A2_D08_MR
47283	ZM_062_A2_D09	ZM_062_A2_D09_T7C	
47284	ZM_062_A2_D09		ZM_062_A2_D09_MR
47285	ZM_062_A2_D10	ZM_062_A2_D10_T7C	
47286	ZM_062_A2_D10		ZM_062_A2_D10_MR
47287	ZM_062_A2_D11	ZM_062_A2_D11_T7C	
47288	ZM_062_A2_D12	ZM_062_A2_D12_T7C	
47289	ZM_062_A2_D12		ZM_062_A2_D12_MR
47290	ZM_062_A2_E01	ZM_062_A2_E01_T7C	
47291	ZM_062_A2_E01		ZM_062_A2_E01_MR
47292	ZM_062_A2_E03	ZM_062_A2_E03_T7C	
47293	ZM_062_A2_E03		ZM_062_A2_E03_MR
47294	ZM_062_A2_E04	ZM_062_A2_E04_T7C	
47295	ZM_062_A2_E04		ZM_062_A2_E04_MR
47296	ZM_062_A2_E08	ZM_062_A2_E08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47297	ZM_062_A2_E08		ZM_062_A2_E08_MR
47298	ZM_062_A2_E09	ZM_062_A2_E09_T7C	
47299	ZM_062_A2_E09		ZM_062_A2_E09_MR
47300	ZM_062_A2_E10	ZM_062_A2_E10_T7C	
47301	ZM_062_A2_E10		ZM_062_A2_E10_MR
47302	ZM_062_A2_E11	ZM_062_A2_E11_T7C	
47303	ZM_062_A2_E11		ZM_062_A2_E11_MR
47304	ZM_062_A2_E12	ZM_062_A2_E12_T7C	
47305	ZM_062_A2_E12		ZM_062_A2_E12_MR
47306	ZM_062_A2_F01	ZM_062_A2_F01_T7C	
47307	ZM_062_A2_F01		ZM_062_A2_F01_MR
47308	ZM_062_A2_F02	ZM_062_A2_F02_T7C	
47309	ZM_062_A2_F02		ZM_062_A2_F02_MR
47310	ZM_062_A2_F03	ZM_062_A2_F03_T7C	
47311	ZM_062_A2_F03		ZM_062_A2_F03_MR
47312	ZM_062_A2_F04	ZM_062_A2_F04_T7C	
47313	ZM_062_A2_F04		ZM_062_A2_F04_MR
47314	ZM_062_A2_F05	ZM_062_A2_F05_T7C	
47315	ZM_062_A2_F05		ZM_062_A2_F05_MR
47316	ZM_062_A2_F06		ZM_062_A2_F06_MR
47317	ZM_062_A2_F07	ZM_062_A2_F07_T7C	
47318	ZM_062_A2_F07		ZM_062_A2_F07_MR
47319	ZM_062_A2_F08	ZM_062_A2_F08_T7C	
47320	ZM_062_A2_F08		ZM_062_A2_F08_MR
47321	ZM_062_A2_F09	ZM_062_A2_F09_T7C	
47322	ZM_062_A2_F09		ZM_062_A2_F09_MR
47323	ZM_062_A2_F10	ZM_062_A2_F10_T7C	
47324	ZM_062_A2_F10		ZM_062_A2_F10_MR
47325	ZM_062_A2_F11	ZM_062_A2_F11_T7C	
47326	ZM_062_A2_F12	ZM_062_A2_F12_T7C	
47327	ZM_062_A2_G01	ZM_062_A2_G01_T7C	
47328	ZM_062_A2_G01		ZM_062_A2_G01_MR
47329	ZM_062_A2_G02	ZM_062_A2_G02_T7C	
47330	ZM_062_A2_G02		ZM_062_A2_G02_MR
47331	ZM_062_A2_G03	ZM_062_A2_G03_T7C	
47332	ZM_062_A2_G03		ZM_062_A2_G03_MR
47333	ZM_062_A2_G04	ZM_062_A2_G04_T7C	
47334	ZM_062_A2_G04		ZM_062_A2_G04_MR
47335	ZM_062_A2_G05	ZM_062_A2_G05_T7C	
47336	ZM_062_A2_G05		ZM_062_A2_G05_MR
47337	ZM_062_A2_G06	ZM_062_A2_G06_T7C	
47338	ZM_062_A2_G06		ZM_062_A2_G06_MR
47339	ZM_062_A2_G07	ZM_062_A2_G07_T7C	
47340	ZM_062_A2_G07		ZM_062_A2_G07_MR
47341	ZM_062_A2_G08	ZM_062_A2_G08_T7C	
47342	ZM_062_A2_G08		ZM_062_A2_G08_MR
47343	ZM_062_A2_G09	ZM_062_A2_G09_T7C	
47344	ZM_062_A2_G10	ZM_062_A2_G10_T7C	
47345	ZM_062_A2_G10		ZM_062_A2_G10_MR
47346	ZM_062_A2_G11	ZM_062_A2_G11_T7C	
47347	ZM_062_A2_G11		ZM_062_A2_G11_MR
47348	ZM_062_A2_G12	ZM_062_A2_G12_T7C	
47349	ZM_062_A2_G12		ZM_062_A2_G12_MR
47350	ZM_062_A2_H01	ZM_062_A2_H01_T7C	
47351	ZM_062_A2_H01		ZM_062_A2_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47352	ZM_062_A2_H02	ZM_062_A2_H02_T7C	
47353	ZM_062_A2_H02		ZM_062_A2_H02_MR
47354	ZM_062_A2_H03	ZM_062_A2_H03_T7C	
47355	ZM_062_A2_H03		ZM_062_A2_H03_MR
47356	ZM_062_A2_H04	ZM_062_A2_H04_T7C	
47357	ZM_062_A2_H04		ZM_062_A2_H04_MR
47358	ZM_062_A2_H05	ZM_062_A2_H05_T7C	
47359	ZM_062_A2_H05		ZM_062_A2_H05_MR
47360	ZM_062_A2_H06	ZM_062_A2_H06_T7C	
47361	ZM_062_A2_H06		ZM_062_A2_H06_MR
47362	ZM_062_A2_H07		ZM_062_A2_H07_MR
47363	ZM_062_A2_H08	ZM_062_A2_H08_T7C	
47364	ZM_062_A2_H08		ZM_062_A2_H08_MR
47365	ZM_062_A2_H09	ZM_062_A2_H09_T7C	
47366	ZM_062_A2_H10	ZM_062_A2_H10_T7C	
47367	ZM_062_A2_H10		ZM_062_A2_H10_MR
47368	ZM_062_A2_H11	ZM_062_A2_H11_T7C	
47369	ZM_062_A2_H11		ZM_062_A2_H11_MR
47370	ZM_062_A2_H12	ZM_062_A2_H12_T7C	
47371	ZM_062_A2_H12		ZM_062_A2_H12_MR
47372	ZM_062_B1_A01		ZM_062_B1_A01_MR
47373	ZM_062_B1_A05		ZM_062_B1_A05_MR
47374	ZM_062_B1_A09		ZM_062_B1_A09_MR
47375	ZM_062_B1_B01		ZM_062_B1_B01_MR
47376	ZM_062_B1_B03		ZM_062_B1_B03_MR
47377	ZM_062_B1_B05		ZM_062_B1_B05_MR
47378	ZM_062_B1_B08		ZM_062_B1_B08_MR
47379	ZM_062_B1_C04		ZM_062_B1_C04_MR
47380	ZM_062_B1_C06		ZM_062_B1_C06_MR
47381	ZM_062_B1_C07		ZM_062_B1_C07_MR
47382	ZM_062_B1_C08		ZM_062_B1_C08_MR
47383	ZM_062_B1_C09		ZM_062_B1_C09_MR
47384	ZM_062_B1_C10		ZM_062_B1_C10_MR
47385	ZM_062_B1_C12		ZM_062_B1_C12_MR
47386	ZM_062_B1_D01		ZM_062_B1_D01_MR
47387	ZM_062_B1_D02		ZM_062_B1_D02_MR
47388	ZM_062_B1_D03		ZM_062_B1_D03_MR
47389	ZM_062_B1_D04		ZM_062_B1_D04_MR
47390	ZM_062_B1_D06		ZM_062_B1_D06_MR
47391	ZM_062_B1_D07		ZM_062_B1_D07_MR
47392	ZM_062_B1_D09		ZM_062_B1_D09_MR
47393	ZM_062_B1_D11		ZM_062_B1_D11_MR
47394	ZM_062_B1_D12		ZM_062_B1_D12_MR
47395	ZM_062_B1_E01		ZM_062_B1_E01_MR
47396	ZM_062_B1_E02		ZM_062_B1_E02_MR
47397	ZM_062_B1_E07		ZM_062_B1_E07_MR
47398	ZM_062_B1_E08		ZM_062_B1_E08_MR
47399	ZM_062_B1_F01		ZM_062_B1_F01_MR
47400	ZM_062_B1_F02		ZM_062_B1_F02_MR
47401	ZM_062_B1_F04		ZM_062_B1_F04_MR
47402	ZM_062_B1_F05		ZM_062_B1_F05_MR
47403	ZM_062_B1_F08		ZM_062_B1_F08_MR
47404	ZM_062_B1_F12		ZM_062_B1_F12_MR
47405	ZM_062_B1_G01		ZM_062_B1_G01_MR
47406	ZM_062_B1_G02		ZM_062_B1_G02_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47407	ZM_062_B1_G04		ZM_062_B1_G04_MR
47408	ZM_062_B1_G07		ZM_062_B1_G07_MR
47409	ZM_062_B1_G08		ZM_062_B1_G08_MR
47410	ZM_062_B1_H03		ZM_062_B1_H03_MR
47411	ZM_062_B1_H06		ZM_062_B1_H06_MR
47412	ZM_062_B1_H12		ZM_062_B1_H12_MR
47413	ZM_062_B2_A02	ZM_062_B2_A02_T7C	
47414	ZM_062_B2_A05	ZM_062_B2_A05_T7C	
47415	ZM_062_B2_A06	ZM_062_B2_A06_T7C	
47416	ZM_062_B2_A10	ZM_062_B2_A10_T7C	
47417	ZM_062_B2_B10	ZM_062_B2_B10_T7C	
47418	ZM_062_B2_C01	ZM_062_B2_C01_T7C	
47419	ZM_062_B2_C03	ZM_062_B2_C03_T7C	
47420	ZM_062_B2_C06	ZM_062_B2_C06_T7C	
47421	ZM_062_B2_D03	ZM_062_B2_D03_T7C	
47422	ZM_062_B2_D05	ZM_062_B2_D05_T7C	
47423	ZM_062_B2_D08	ZM_062_B2_D08_T7C	
47424	ZM_062_B2_D09	ZM_062_B2_D09_T7C	
47425	ZM_062_B2_D10	ZM_062_B2_D10_T7C	
47426	ZM_062_B2_D11	ZM_062_B2_D11_T7C	
47427	ZM_062_B2_D12	ZM_062_B2_D12_T7C	
47428	ZM_062_B2_E07	ZM_062_B2_E07_T7C	
47429	ZM_062_B2_E10	ZM_062_B2_E10_T7C	
47430	ZM_062_B2_E12	ZM_062_B2_E12_T7C	
47431	ZM_062_B2_F12	ZM_062_B2_F12_T7C	
47432	ZM_062_B2_G01	ZM_062_B2_G01_T7C	
47433	ZM_062_B2_G06	ZM_062_B2_G06_T7C	
47434	ZM_062_B2_G12	ZM_062_B2_G12_T7C	
47435	ZM_062_B2_H02	ZM_062_B2_H02_T7C	
47436	ZM_062_B2_H04	ZM_062_B2_H04_T7C	
47437	ZM_062_B2_H06	ZM_062_B2_H06_T7C	
47438	ZM_062_B2_H12	ZM_062_B2_H12_T7C	
47439	ZM_063_A1_A01	ZM_063_A1_A01_T7C	
47440	ZM_063_A1_A01		ZM_063_A1_A01_MR
47441	ZM_063_A1_A02	ZM_063_A1_A02_T7C	
47442	ZM_063_A1_A02		ZM_063_A1_A02_MR
47443	ZM_063_A1_A03	ZM_063_A1_A03_T7C	
47444	ZM_063_A1_A03		ZM_063_A1_A03_MR
47445	ZM_063_A1_A04	ZM_063_A1_A04_T7C	
47446	ZM_063_A1_A04		ZM_063_A1_A04_MR
47447	ZM_063_A1_A05	ZM_063_A1_A05_T7C	
47448	ZM_063_A1_A05		ZM_063_A1_A05_MR
47449	ZM_063_A1_A06	ZM_063_A1_A06_T7C	
47450	ZM_063_A1_A06		ZM_063_A1_A06_MR
47451	ZM_063_A1_A07	ZM_063_A1_A07_T7C	
47452	ZM_063_A1_A07		ZM_063_A1_A07_MR
47453	ZM_063_A1_A08	ZM_063_A1_A08_T7C	
47454	ZM_063_A1_A08		ZM_063_A1_A08_MR
47455	ZM_063_A1_A09	ZM_063_A1_A09_T7C	
47456	ZM_063_A1_A09		ZM_063_A1_A09_MR
47457	ZM_063_A1_A10	ZM_063_A1_A10_T7C	
47458	ZM_063_A1_A10		ZM_063_A1_A10_MR
47459	ZM_063_A1_A11	ZM_063_A1_A11_T7C	
47460	ZM_063_A1_A11		ZM_063_A1_A11_MR
47461	ZM_063_A1_A12	ZM_063_A1_A12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47462	ZM_063_A1_A12		ZM_063_A1_A12_MR
47463	ZM_063_A1_B01	ZM_063_A1_B01_T7C	
47464	ZM_063_A1_B01		ZM_063_A1_B01_MR
47465	ZM_063_A1_B02	ZM_063_A1_B02_T7C	
47466	ZM_063_A1_B02		ZM_063_A1_B02_MR
47467	ZM_063_A1_B03	ZM_063_A1_B03_T7C	
47468	ZM_063_A1_B03		ZM_063_A1_B03_MR
47469	ZM_063_A1_B04	ZM_063_A1_B04_T7C	
47470	ZM_063_A1_B04		ZM_063_A1_B04_MR
47471	ZM_063_A1_B05		ZM_063_A1_B05_MR
47472	ZM_063_A1_B06		ZM_063_A1_B06_MR
47473	ZM_063_A1_B07	ZM_063_A1_B07_T7C	
47474	ZM_063_A1_B07		ZM_063_A1_B07_MR
47475	ZM_063_A1_B08	ZM_063_A1_B08_T7C	
47476	ZM_063_A1_B08		ZM_063_A1_B08_MR
47477	ZM_063_A1_B09	ZM_063_A1_B09_T7C	
47478	ZM_063_A1_B09		ZM_063_A1_B09_MR
47479	ZM_063_A1_B10	ZM_063_A1_B10_T7C	
47480	ZM_063_A1_B10		ZM_063_A1_B10_MR
47481	ZM_063_A1_B11	ZM_063_A1_B11_T7C	
47482	ZM_063_A1_B11		ZM_063_A1_B11_MR
47483	ZM_063_A1_B12	ZM_063_A1_B12_T7C	
47484	ZM_063_A1_B12		ZM_063_A1_B12_MR
47485	ZM_063_A1_C01	ZM_063_A1_C01_T7C	
47486	ZM_063_A1_C01		ZM_063_A1_C01_MR
47487	ZM_063_A1_C02	ZM_063_A1_C02_T7C	
47488	ZM_063_A1_C02		ZM_063_A1_C02_MR
47489	ZM_063_A1_C03	ZM_063_A1_C03_T7C	
47490	ZM_063_A1_C03		ZM_063_A1_C03_MR
47491	ZM_063_A1_C04	ZM_063_A1_C04_T7C	
47492	ZM_063_A1_C04		ZM_063_A1_C04_MR
47493	ZM_063_A1_C07	ZM_063_A1_C07_T7C	
47494	ZM_063_A1_C07		ZM_063_A1_C07_MR
47495	ZM_063_A1_C08	ZM_063_A1_C08_T7C	
47496	ZM_063_A1_C08		ZM_063_A1_C08_MR
47497	ZM_063_A1_C10	ZM_063_A1_C10_T7C	
47498	ZM_063_A1_D01	ZM_063_A1_D01_T7C	
47499	ZM_063_A1_D01		ZM_063_A1_D01_MR
47500	ZM_063_A1_D02	ZM_063_A1_D02_T7C	
47501	ZM_063_A1_D02		ZM_063_A1_D02_MR
47502	ZM_063_A1_D04	ZM_063_A1_D04_T7C	
47503	ZM_063_A1_D04		ZM_063_A1_D04_MR
47504	ZM_063_A1_D05	ZM_063_A1_D05_T7C	
47505	ZM_063_A1_D05		ZM_063_A1_D05_MR
47506	ZM_063_A1_D06	ZM_063_A1_D06_T7C	
47507	ZM_063_A1_D06		ZM_063_A1_D06_MR
47508	ZM_063_A1_D07	ZM_063_A1_D07_T7C	
47509	ZM_063_A1_D07		ZM_063_A1_D07_MR
47510	ZM_063_A1_D08	ZM_063_A1_D08_T7C	
47511	ZM_063_A1_D08		ZM_063_A1_D08_MR
47512	ZM_063_A1_D09	ZM_063_A1_D09_T7C	
47513	ZM_063_A1_D09		ZM_063_A1_D09_MR
47514	ZM_063_A1_D10	ZM_063_A1_D10_T7C	
47515	ZM_063_A1_D10		ZM_063_A1_D10_MR
47516	ZM_063_A1_D11	ZM_063_A1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47517	ZM_063_A1_D11		ZM_063_A1_D11_MR
47518	ZM_063_A1_D12	ZM_063_A1_D12_T7C	
47519	ZM_063_A1_D12		ZM_063_A1_D12_MR
47520	ZM_063_A1_E01	ZM_063_A1_E01_T7C	
47521	ZM_063_A1_E01		ZM_063_A1_E01_MR
47522	ZM_063_A1_E02	ZM_063_A1_E02_T7C	
47523	ZM_063_A1_E02		ZM_063_A1_E02_MR
47524	ZM_063_A1_E03	ZM_063_A1_E03_T7C	
47525	ZM_063_A1_E03		ZM_063_A1_E03_MR
47526	ZM_063_A1_E04	ZM_063_A1_E04_T7C	
47527	ZM_063_A1_E05	ZM_063_A1_E05_T7C	
47528	ZM_063_A1_E05		ZM_063_A1_E05_MR
47529	ZM_063_A1_E06	ZM_063_A1_E06_T7C	
47530	ZM_063_A1_E06		ZM_063_A1_E06_MR
47531	ZM_063_A1_E07	ZM_063_A1_E07_T7C	
47532	ZM_063_A1_E07		ZM_063_A1_E07_MR
47533	ZM_063_A1_E08	ZM_063_A1_E08_T7C	
47534	ZM_063_A1_E08		ZM_063_A1_E08_MR
47535	ZM_063_A1_E09	ZM_063_A1_E09_T7C	
47536	ZM_063_A1_E10	ZM_063_A1_E10_T7C	
47537	ZM_063_A1_E10		ZM_063_A1_E10_MR
47538	ZM_063_A1_E11	ZM_063_A1_E11_T7C	
47539	ZM_063_A1_E11		ZM_063_A1_E11_MR
47540	ZM_063_A1_E12	ZM_063_A1_E12_T7C	
47541	ZM_063_A1_E12		ZM_063_A1_E12_MR
47542	ZM_063_A1_F01	ZM_063_A1_F01_T7C	
47543	ZM_063_A1_F01		ZM_063_A1_F01_MR
47544	ZM_063_A1_F02	ZM_063_A1_F02_T7C	
47545	ZM_063_A1_F02		ZM_063_A1_F02_MR
47546	ZM_063_A1_F03	ZM_063_A1_F03_T7C	
47547	ZM_063_A1_F03		ZM_063_A1_F03_MR
47548	ZM_063_A1_F04	ZM_063_A1_F04_T7C	
47549	ZM_063_A1_F04		ZM_063_A1_F04_MR
47550	ZM_063_A1_F05	ZM_063_A1_F05_T7C	
47551	ZM_063_A1_F05		ZM_063_A1_F05_MR
47552	ZM_063_A1_F06	ZM_063_A1_F06_T7C	
47553	ZM_063_A1_F06		ZM_063_A1_F06_MR
47554	ZM_063_A1_F07	ZM_063_A1_F07_T7C	
47555	ZM_063_A1_F08	ZM_063_A1_F08_T7C	
47556	ZM_063_A1_F08		ZM_063_A1_F08_MR
47557	ZM_063_A1_F09	ZM_063_A1_F09_T7C	
47558	ZM_063_A1_F09		ZM_063_A1_F09_MR
47559	ZM_063_A1_F10	ZM_063_A1_F10_T7C	
47560	ZM_063_A1_F10		ZM_063_A1_F10_MR
47561	ZM_063_A1_F11	ZM_063_A1_F11_T7C	
47562	ZM_063_A1_F11		ZM_063_A1_F11_MR
47563	ZM_063_A1_F12	ZM_063_A1_F12_T7C	
47564	ZM_063_A1_F12		ZM_063_A1_F12_MR
47565	ZM_063_A1_G01	ZM_063_A1_G01_T7C	
47566	ZM_063_A1_G01		ZM_063_A1_G01_MR
47567	ZM_063_A1_G02	ZM_063_A1_G02_T7C	
47568	ZM_063_A1_G02		ZM_063_A1_G02_MR
47569	ZM_063_A1_G03	ZM_063_A1_G03_T7C	
47570	ZM_063_A1_G03		ZM_063_A1_G03_MR
47571	ZM_063_A1_G04	ZM_063_A1_G04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47572	ZM_063_A1_G04		ZM_063_A1_G04_MR
47573	ZM_063_A1_G06	ZM_063_A1_G06_T7C	
47574	ZM_063_A1_G06		ZM_063_A1_G06_MR
47575	ZM_063_A1_G07	ZM_063_A1_G07_T7C	
47576	ZM_063_A1_G07		ZM_063_A1_G07_MR
47577	ZM_063_A1_G08	ZM_063_A1_G08_T7C	
47578	ZM_063_A1_G08		ZM_063_A1_G08_MR
47579	ZM_063_A1_G09	ZM_063_A1_G09_T7C	
47580	ZM_063_A1_G09		ZM_063_A1_G09_MR
47581	ZM_063_A1_G10	ZM_063_A1_G10_T7C	
47582	ZM_063_A1_G10		ZM_063_A1_G10_MR
47583	ZM_063_A1_G11	ZM_063_A1_G11_T7C	
47584	ZM_063_A1_G11		ZM_063_A1_G11_MR
47585	ZM_063_A1_G12	ZM_063_A1_G12_T7C	
47586	ZM_063_A1_G12		ZM_063_A1_G12_MR
47587	ZM_063_A1_H01	ZM_063_A1_H01_T7C	
47588	ZM_063_A1_H01		ZM_063_A1_H01_MR
47589	ZM_063_A1_H02	ZM_063_A1_H02_T7C	
47590	ZM_063_A1_H02		ZM_063_A1_H02_MR
47591	ZM_063_A1_H03	ZM_063_A1_H03_T7C	
47592	ZM_063_A1_H03		ZM_063_A1_H03_MR
47593	ZM_063_A1_H04	ZM_063_A1_H04_T7C	
47594	ZM_063_A1_H04		ZM_063_A1_H04_MR
47595	ZM_063_A1_H05	ZM_063_A1_H05_T7C	
47596	ZM_063_A1_H05		ZM_063_A1_H05_MR
47597	ZM_063_A1_H06	ZM_063_A1_H06_T7C	
47598	ZM_063_A1_H06		ZM_063_A1_H06_MR
47599	ZM_063_A1_H07	ZM_063_A1_H07_T7C	
47600	ZM_063_A1_H07		ZM_063_A1_H07_MR
47601	ZM_063_A1_H08	ZM_063_A1_H08_T7C	
47602	ZM_063_A1_H08		ZM_063_A1_H08_MR
47603	ZM_063_A1_H09	ZM_063_A1_H09_T7C	
47604	ZM_063_A1_H10	ZM_063_A1_H10_T7C	
47605	ZM_063_A1_H10		ZM_063_A1_H10_MR
47606	ZM_063_A1_H11	ZM_063_A1_H11_T7C	
47607	ZM_063_A1_H11		ZM_063_A1_H11_MR
47608	ZM_063_A1_H12	ZM_063_A1_H12_T7C	
47609	ZM_063_A1_H12		ZM_063_A1_H12_MR
47610	ZM_063_A2_A01	ZM_063_A2_A01_T7C	
47611	ZM_063_A2_A01		ZM_063_A2_A01_MR
47612	ZM_063_A2_A02	ZM_063_A2_A02_T7C	
47613	ZM_063_A2_A03		ZM_063_A2_A03_MR
47614	ZM_063_A2_A04	ZM_063_A2_A04_T7C	
47615	ZM_063_A2_A04		ZM_063_A2_A04_MR
47616	ZM_063_A2_A05	ZM_063_A2_A05_T7C	
47617	ZM_063_A2_A06	ZM_063_A2_A06_T7C	
47618	ZM_063_A2_A07	ZM_063_A2_A07_T7C	
47619	ZM_063_A2_A08	ZM_063_A2_A08_T7C	
47620	ZM_063_A2_A08		ZM_063_A2_A08_MR
47621	ZM_063_A2_A09		ZM_063_A2_A09_MR
47622	ZM_063_A2_A10	ZM_063_A2_A10_T7C	
47623	ZM_063_A2_A10		ZM_063_A2_A10_MR
47624	ZM_063_A2_A11	ZM_063_A2_A11_T7C	
47625	ZM_063_A2_A11		ZM_063_A2_A11_MR
47626	ZM_063_A2_A12	ZM_063_A2_A12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47627	ZM_063_A2_A12		ZM_063_A2_A12_MR
47628	ZM_063_A2_B01	ZM_063_A2_B01_T7C	
47629	ZM_063_A2_B02	ZM_063_A2_B02_T7C	
47630	ZM_063_A2_B03		ZM_063_A2_B03_MR
47631	ZM_063_A2_B04	ZM_063_A2_B04_T7C	
47632	ZM_063_A2_B04		ZM_063_A2_B04_MR
47633	ZM_063_A2_B05	ZM_063_A2_B05_T7C	
47634	ZM_063_A2_B05		ZM_063_A2_B05_MR
47635	ZM_063_A2_B06	ZM_063_A2_B06_T7C	
47636	ZM_063_A2_B07	ZM_063_A2_B07_T7C	
47637	ZM_063_A2_B07		ZM_063_A2_B07_MR
47638	ZM_063_A2_B08	ZM_063_A2_B08_T7C	
47639	ZM_063_A2_B08		ZM_063_A2_B08_MR
47640	ZM_063_A2_B09		ZM_063_A2_B09_MR
47641	ZM_063_A2_B10	ZM_063_A2_B10_T7C	
47642	ZM_063_A2_B10		ZM_063_A2_B10_MR
47643	ZM_063_A2_B11	ZM_063_A2_B11_T7C	
47644	ZM_063_A2_B11		ZM_063_A2_B11_MR
47645	ZM_063_A2_B12	ZM_063_A2_B12_T7C	
47646	ZM_063_A2_B12		ZM_063_A2_B12_MR
47647	ZM_063_A2_C01	ZM_063_A2_C01_T7C	
47648	ZM_063_A2_C01		ZM_063_A2_C01_MR
47649	ZM_063_A2_C02	ZM_063_A2_C02_T7C	
47650	ZM_063_A2_C02		ZM_063_A2_C02_MR
47651	ZM_063_A2_C03	ZM_063_A2_C03_T7C	
47652	ZM_063_A2_C03		ZM_063_A2_C03_MR
47653	ZM_063_A2_C04	ZM_063_A2_C04_T7C	
47654	ZM_063_A2_C04		ZM_063_A2_C04_MR
47655	ZM_063_A2_C05	ZM_063_A2_C05_T7C	
47656	ZM_063_A2_C05		ZM_063_A2_C05_MR
47657	ZM_063_A2_C06	ZM_063_A2_C06_T7C	
47658	ZM_063_A2_C08		ZM_063_A2_C08_MR
47659	ZM_063_A2_C09		ZM_063_A2_C09_MR
47660	ZM_063_A2_C10	ZM_063_A2_C10_T7C	
47661	ZM_063_A2_C10		ZM_063_A2_C10_MR
47662	ZM_063_A2_C11	ZM_063_A2_C11_T7C	
47663	ZM_063_A2_C11		ZM_063_A2_C11_MR
47664	ZM_063_A2_C12	ZM_063_A2_C12_T7C	
47665	ZM_063_A2_D01	ZM_063_A2_D01_T7C	
47666	ZM_063_A2_D01		ZM_063_A2_D01_MR
47667	ZM_063_A2_D02	ZM_063_A2_D02_T7C	
47668	ZM_063_A2_D02		ZM_063_A2_D02_MR
47669	ZM_063_A2_D04	ZM_063_A2_D04_T7C	
47670	ZM_063_A2_D04		ZM_063_A2_D04_MR
47671	ZM_063_A2_D05	ZM_063_A2_D05_T7C	
47672	ZM_063_A2_D05		ZM_063_A2_D05_MR
47673	ZM_063_A2_D06	ZM_063_A2_D06_T7C	
47674	ZM_063_A2_D06		ZM_063_A2_D06_MR
47675	ZM_063_A2_D07		ZM_063_A2_D07_MR
47676	ZM_063_A2_D08	ZM_063_A2_D08_T7C	
47677	ZM_063_A2_D08		ZM_063_A2_D08_MR
47678	ZM_063_A2_D09		ZM_063_A2_D09_MR
47679	ZM_063_A2_D10	ZM_063_A2_D10_T7C	
47680	ZM_063_A2_D10		ZM_063_A2_D10_MR
47681	ZM_063_A2_D11	ZM_063_A2_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47682	ZM_063_A2_D11		ZM_063_A2_D11_MR
47683	ZM_063_A2_D12	ZM_063_A2_D12_T7C	
47684	ZM_063_A2_D12		ZM_063_A2_D12_MR
47685	ZM_063_A2_E01	ZM_063_A2_E01_T7C	
47686	ZM_063_A2_E01		ZM_063_A2_E01_MR
47687	ZM_063_A2_E02	ZM_063_A2_E02_T7C	
47688	ZM_063_A2_E02		ZM_063_A2_E02_MR
47689	ZM_063_A2_E03	ZM_063_A2_E03_T7C	
47690	ZM_063_A2_E03		ZM_063_A2_E03_MR
47691	ZM_063_A2_E04	ZM_063_A2_E04_T7C	
47692	ZM_063_A2_E04		ZM_063_A2_E04_MR
47693	ZM_063_A2_E06		ZM_063_A2_E06_MR
47694	ZM_063_A2_E07		ZM_063_A2_E07_MR
47695	ZM_063_A2_E08	ZM_063_A2_E08_T7C	
47696	ZM_063_A2_E08		ZM_063_A2_E08_MR
47697	ZM_063_A2_E09		ZM_063_A2_E09_MR
47698	ZM_063_A2_E10	ZM_063_A2_E10_T7C	
47699	ZM_063_A2_E10		ZM_063_A2_E10_MR
47700	ZM_063_A2_E11	ZM_063_A2_E11_T7C	
47701	ZM_063_A2_E11		ZM_063_A2_E11_MR
47702	ZM_063_A2_E12		ZM_063_A2_E12_MR
47703	ZM_063_A2_F01	ZM_063_A2_F01_T7C	
47704	ZM_063_A2_F01		ZM_063_A2_F01_MR
47705	ZM_063_A2_F02	ZM_063_A2_F02_T7C	
47706	ZM_063_A2_F02		ZM_063_A2_F02_MR
47707	ZM_063_A2_F03		ZM_063_A2_F03_MR
47708	ZM_063_A2_F04		ZM_063_A2_F04_MR
47709	ZM_063_A2_F06		ZM_063_A2_F06_MR
47710	ZM_063_A2_F07	ZM_063_A2_F07_T7C	
47711	ZM_063_A2_F08	ZM_063_A2_F08_T7C	
47712	ZM_063_A2_F08		ZM_063_A2_F08_MR
47713	ZM_063_A2_F09		ZM_063_A2_F09_MR
47714	ZM_063_A2_F10	ZM_063_A2_F10_T7C	
47715	ZM_063_A2_F10		ZM_063_A2_F10_MR
47716	ZM_063_A2_F11	ZM_063_A2_F11_T7C	
47717	ZM_063_A2_G01	ZM_063_A2_G01_T7C	
47718	ZM_063_A2_G01		ZM_063_A2_G01_MR
47719	ZM_063_A2_G02		ZM_063_A2_G02_MR
47720	ZM_063_A2_G03		ZM_063_A2_G03_MR
47721	ZM_063_A2_G04	ZM_063_A2_G04_T7C	
47722	ZM_063_A2_G04		ZM_063_A2_G04_MR
47723	ZM_063_A2_G05		ZM_063_A2_G05_MR
47724	ZM_063_A2_G06		ZM_063_A2_G06_MR
47725	ZM_063_A2_G07	ZM_063_A2_G07_T7C	
47726	ZM_063_A2_G07		ZM_063_A2_G07_MR
47727	ZM_063_A2_G08	ZM_063_A2_G08_T7C	
47728	ZM_063_A2_G08		ZM_063_A2_G08_MR
47729	ZM_063_A2_G09		ZM_063_A2_G09_MR
47730	ZM_063_A2_G10	ZM_063_A2_G10_T7C	
47731	ZM_063_A2_G10		ZM_063_A2_G10_MR
47732	ZM_063_A2_G11		ZM_063_A2_G11_MR
47733	ZM_063_A2_G12		ZM_063_A2_G12_MR
47734	ZM_063_A2_H01	ZM_063_A2_H01_T7C	
47735	ZM_063_A2_H01		ZM_063_A2_H01_MR
47736	ZM_063_A2_H02		ZM_063_A2_H02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47737	ZM_063_A2_H04	ZM_063_A2_H04_T7C	ZM_063_A2_H04_MR
47738	ZM_063_A2_H04		ZM_063_A2_H06_MR
47739	ZM_063_A2_H06		
47740	ZM_063_A2_H07	ZM_063_A2_H07_T7C	ZM_063_A2_H07_MR
47741	ZM_063_A2_H07		
47742	ZM_063_A2_H08	ZM_063_A2_H08_T7C	ZM_063_A2_H08_MR
47743	ZM_063_A2_H08		ZM_063_A2_H09_MR
47744	ZM_063_A2_H09		
47745	ZM_063_A2_H10	ZM_063_A2_H10_T7C	ZM_063_A2_H10_MR
47746	ZM_063_A2_H10		
47747	ZM_063_A2_H11	ZM_063_A2_H11_T7C	ZM_063_A2_H11_MR
47748	ZM_063_A2_H11		
47749	ZM_063_A2_H12	ZM_063_A2_H12_T7C	ZM_063_A2_H12_MR
47750	ZM_063_A2_H12		ZM_063_B2_A01_MR
47751	ZM_063_B2_A01		ZM_063_B2_A05_MR
47752	ZM_063_B2_A05		ZM_063_B2_A07_MR
47753	ZM_063_B2_A07		ZM_063_B2_A12_MR
47754	ZM_063_B2_A12		ZM_063_B2_B02_MR
47755	ZM_063_B2_B02		ZM_063_B2_B10_MR
47756	ZM_063_B2_B10		ZM_063_B2_C10_MR
47757	ZM_063_B2_C10		ZM_063_B2_D07_MR
47758	ZM_063_B2_D07		ZM_063_B2_D10_MR
47759	ZM_063_B2_D10		ZM_063_B2_D11_MR
47760	ZM_063_B2_D11		ZM_063_B2_E03_MR
47761	ZM_063_B2_E03		ZM_063_B2_E05_MR
47762	ZM_063_B2_E05		ZM_063_B2_E07_MR
47763	ZM_063_B2_E07		ZM_063_B2_E08_MR
47764	ZM_063_B2_E08		ZM_063_B2_E11_MR
47765	ZM_063_B2_E11		ZM_063_B2_F05_MR
47766	ZM_063_B2_F05		ZM_063_B2_F10_MR
47767	ZM_063_B2_F10		ZM_063_B2_F12_MR
47768	ZM_063_B2_F12		ZM_063_B2_G02_MR
47769	ZM_063_B2_G02		ZM_063_B2_G06_MR
47770	ZM_063_B2_G06		ZM_063_B2_G07_MR
47771	ZM_063_B2_G07		ZM_063_B2_H01_MR
47772	ZM_063_B2_H01		ZM_063_B2_H03_MR
47773	ZM_063_B2_H03		ZM_063_B2_H04_MR
47774	ZM_063_B2_H04		ZM_063_B2_H11_MR
47775	ZM_063_B2_H11		ZM_063_B2_H12_MR
47776	ZM_063_B2_H12		
47777	ZM_064_A1_A01	ZM_064_A1_A01_T7C	ZM_064_A1_A01_MR
47778	ZM_064_A1_A01		ZM_064_A1_A02_MR
47779	ZM_064_A1_A02		
47780	ZM_064_A1_A03	ZM_064_A1_A03_T7C	ZM_064_A1_A03_MR
47781	ZM_064_A1_A03		
47782	ZM_064_A1_A04	ZM_064_A1_A04_T7C	ZM_064_A1_A04_MR
47783	ZM_064_A1_A04		
47784	ZM_064_A1_A05	ZM_064_A1_A05_T7C	ZM_064_A1_A05_MR
47785	ZM_064_A1_A05		
47786	ZM_064_A1_A06	ZM_064_A1_A06_T7C	ZM_064_A1_A06_MR
47787	ZM_064_A1_A06		
47788	ZM_064_A1_A07	ZM_064_A1_A07_T7C	ZM_064_A1_A07_MR
47789	ZM_064_A1_A07		ZM_064_A1_A08_MR
47790	ZM_064_A1_A08		
47791	ZM_064_A1_A09	ZM_064_A1_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47792	ZM_064_A1_A09		ZM_064_A1_A09_MR
47793	ZM_064_A1_A10	ZM_064_A1_A10_T7C	
47794	ZM_064_A1_A10		ZM_064_A1_A10_MR
47795	ZM_064_A1_A11	ZM_064_A1_A11_T7C	
47796	ZM_064_A1_A11		ZM_064_A1_A11_MR
47797	ZM_064_A1_B01	ZM_064_A1_B01_T7C	
47798	ZM_064_A1_B01		ZM_064_A1_B01_MR
47799	ZM_064_A1_B02	ZM_064_A1_B02_T7C	
47800	ZM_064_A1_B02		ZM_064_A1_B02_MR
47801	ZM_064_A1_B03	ZM_064_A1_B03_T7C	
47802	ZM_064_A1_B03		ZM_064_A1_B03_MR
47803	ZM_064_A1_B04	ZM_064_A1_B04_T7C	
47804	ZM_064_A1_B04		ZM_064_A1_B04_MR
47805	ZM_064_A1_B05	ZM_064_A1_B05_T7C	
47806	ZM_064_A1_B05		ZM_064_A1_B05_MR
47807	ZM_064_A1_B06	ZM_064_A1_B06_T7C	
47808	ZM_064_A1_B06		ZM_064_A1_B06_MR
47809	ZM_064_A1_B07	ZM_064_A1_B07_T7C	
47810	ZM_064_A1_B07		ZM_064_A1_B07_MR
47811	ZM_064_A1_B08	ZM_064_A1_B08_T7C	
47812	ZM_064_A1_B08		ZM_064_A1_B08_MR
47813	ZM_064_A1_B09	ZM_064_A1_B09_T7C	
47814	ZM_064_A1_B09		ZM_064_A1_B09_MR
47815	ZM_064_A1_B10	ZM_064_A1_B10_T7C	
47816	ZM_064_A1_B10		ZM_064_A1_B10_MR
47817	ZM_064_A1_B11	ZM_064_A1_B11_T7C	
47818	ZM_064_A1_B11		ZM_064_A1_B11_MR
47819	ZM_064_A1_B12	ZM_064_A1_B12_T7C	
47820	ZM_064_A1_B12		ZM_064_A1_B12_MR
47821	ZM_064_A1_C01	ZM_064_A1_C01_T7C	
47822	ZM_064_A1_C01		ZM_064_A1_C01_MR
47823	ZM_064_A1_C02	ZM_064_A1_C02_T7C	
47824	ZM_064_A1_C02		ZM_064_A1_C02_MR
47825	ZM_064_A1_C03	ZM_064_A1_C03_T7C	
47826	ZM_064_A1_C03		ZM_064_A1_C03_MR
47827	ZM_064_A1_C04	ZM_064_A1_C04_T7C	
47828	ZM_064_A1_C04		ZM_064_A1_C04_MR
47829	ZM_064_A1_C05	ZM_064_A1_C05_T7C	
47830	ZM_064_A1_C05		ZM_064_A1_C05_MR
47831	ZM_064_A1_C06		ZM_064_A1_C06_MR
47832	ZM_064_A1_C07	ZM_064_A1_C07_T7C	
47833	ZM_064_A1_C07		ZM_064_A1_C07_MR
47834	ZM_064_A1_C08	ZM_064_A1_C08_T7C	
47835	ZM_064_A1_C08		ZM_064_A1_C08_MR
47836	ZM_064_A1_C09	ZM_064_A1_C09_T7C	
47837	ZM_064_A1_C09		ZM_064_A1_C09_MR
47838	ZM_064_A1_C10	ZM_064_A1_C10_T7C	
47839	ZM_064_A1_C10		ZM_064_A1_C10_MR
47840	ZM_064_A1_C11	ZM_064_A1_C11_T7C	
47841	ZM_064_A1_C11		ZM_064_A1_C11_MR
47842	ZM_064_A1_C12	ZM_064_A1_C12_T7C	
47843	ZM_064_A1_C12		ZM_064_A1_C12_MR
47844	ZM_064_A1_D01		ZM_064_A1_D01_MR
47845	ZM_064_A1_D02	ZM_064_A1_D02_T7C	
47846	ZM_064_A1_D02		ZM_064_A1_D02_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47847	ZM_064_A1_D04	ZM_064_A1_D04_T7C	ZM_064_A1_D04_MR
47848	ZM_064_A1_D04		
47849	ZM_064_A1_D05	ZM_064_A1_D05_T7C	ZM_064_A1_D05_MR
47850	ZM_064_A1_D05		
47851	ZM_064_A1_D06	ZM_064_A1_D06_T7C	ZM_064_A1_D06_MR
47852	ZM_064_A1_D06		
47853	ZM_064_A1_D07	ZM_064_A1_D07_T7C	ZM_064_A1_D07_MR
47854	ZM_064_A1_D07		
47855	ZM_064_A1_D08	ZM_064_A1_D08_T7C	ZM_064_A1_D08_MR
47856	ZM_064_A1_D08		
47857	ZM_064_A1_D09	ZM_064_A1_D09_T7C	
47858	ZM_064_A1_D10	ZM_064_A1_D10_T7C	ZM_064_A1_D10_MR
47859	ZM_064_A1_D10		
47860	ZM_064_A1_D11	ZM_064_A1_D11_T7C	ZM_064_A1_D11_MR
47861	ZM_064_A1_D11		
47862	ZM_064_A1_D12	ZM_064_A1_D12_T7C	ZM_064_A1_D12_MR
47863	ZM_064_A1_D12		
47864	ZM_064_A1_E01	ZM_064_A1_E01_T7C	ZM_064_A1_E01_MR
47865	ZM_064_A1_E01		
47866	ZM_064_A1_E02	ZM_064_A1_E02_T7C	ZM_064_A1_E02_MR
47867	ZM_064_A1_E02		
47868	ZM_064_A1_E03	ZM_064_A1_E03_T7C	ZM_064_A1_E03_MR
47869	ZM_064_A1_E03		
47870	ZM_064_A1_E04	ZM_064_A1_E04_T7C	ZM_064_A1_E04_MR
47871	ZM_064_A1_E04		
47872	ZM_064_A1_E05	ZM_064_A1_E05_T7C	ZM_064_A1_E05_MR
47873	ZM_064_A1_E05		
47874	ZM_064_A1_E06	ZM_064_A1_E06_T7C	
47875	ZM_064_A1_E07	ZM_064_A1_E07_T7C	ZM_064_A1_E07_MR
47876	ZM_064_A1_E07		
47877	ZM_064_A1_E08	ZM_064_A1_E08_T7C	ZM_064_A1_E08_MR
47878	ZM_064_A1_E08		
47879	ZM_064_A1_E10	ZM_064_A1_E10_T7C	ZM_064_A1_E11_MR
47880	ZM_064_A1_E11		
47881	ZM_064_A1_E12	ZM_064_A1_E12_T7C	ZM_064_A1_E12_MR
47882	ZM_064_A1_E12		ZM_064_A1_F01_MR
47883	ZM_064_A1_F01		
47884	ZM_064_A1_F03	ZM_064_A1_F03_T7C	ZM_064_A1_F03_MR
47885	ZM_064_A1_F03		
47886	ZM_064_A1_F04	ZM_064_A1_F04_T7C	ZM_064_A1_F04_MR
47887	ZM_064_A1_F04		
47888	ZM_064_A1_F05	ZM_064_A1_F05_T7C	ZM_064_A1_F06_MR
47889	ZM_064_A1_F06		
47890	ZM_064_A1_F07	ZM_064_A1_F07_T7C	ZM_064_A1_F07_MR
47891	ZM_064_A1_F07		ZM_064_A1_F08_MR
47892	ZM_064_A1_F08		
47893	ZM_064_A1_F10	ZM_064_A1_F10_T7C	ZM_064_A1_F11_MR
47894	ZM_064_A1_F11		
47895	ZM_064_A1_F12	ZM_064_A1_F12_T7C	ZM_064_A1_F12_MR
47896	ZM_064_A1_F12		
47897	ZM_064_A1_G01	ZM_064_A1_G01_T7C	ZM_064_A1_G01_MR
47898	ZM_064_A1_G01		
47899	ZM_064_A1_G02	ZM_064_A1_G02_T7C	
47900	ZM_064_A1_G02		ZM_064_A1_G02_MR
47901	ZM_064_A1_G03	ZM_064_A1_G03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47902	ZM_064_A1_G03		ZM_064_A1_G03_MR
47903	ZM_064_A1_G04	ZM_064_A1_G04_T7C	
47904	ZM_064_A1_G04		ZM_064_A1_G04_MR
47905	ZM_064_A1_G06	ZM_064_A1_G06_T7C	
47906	ZM_064_A1_G06		ZM_064_A1_G06_MR
47907	ZM_064_A1_G07	ZM_064_A1_G07_T7C	
47908	ZM_064_A1_G07		ZM_064_A1_G07_MR
47909	ZM_064_A1_G08	ZM_064_A1_G08_T7C	
47910	ZM_064_A1_G08		ZM_064_A1_G08_MR
47911	ZM_064_A1_G09	ZM_064_A1_G09_T7C	
47912	ZM_064_A1_G09		ZM_064_A1_G09_MR
47913	ZM_064_A1_G10	ZM_064_A1_G10_T7C	
47914	ZM_064_A1_G10		ZM_064_A1_G10_MR
47915	ZM_064_A1_G11	ZM_064_A1_G11_T7C	
47916	ZM_064_A1_G12	ZM_064_A1_G12_T7C	
47917	ZM_064_A1_H02	ZM_064_A1_H02_T7C	
47918	ZM_064_A1_H02		ZM_064_A1_H02_MR
47919	ZM_064_A1_H03	ZM_064_A1_H03_T7C	
47920	ZM_064_A1_H03		ZM_064_A1_H03_MR
47921	ZM_064_A1_H04	ZM_064_A1_H04_T7C	
47922	ZM_064_A1_H04		ZM_064_A1_H04_MR
47923	ZM_064_A1_H05	ZM_064_A1_H05_T7C	
47924	ZM_064_A1_H05		ZM_064_A1_H05_MR
47925	ZM_064_A1_H06	ZM_064_A1_H06_T7C	
47926	ZM_064_A1_H06		ZM_064_A1_H06_MR
47927	ZM_064_A1_H07	ZM_064_A1_H07_T7C	
47928	ZM_064_A1_H07		ZM_064_A1_H07_MR
47929	ZM_064_A1_H08	ZM_064_A1_H08_T7C	
47930	ZM_064_A1_H08		ZM_064_A1_H08_MR
47931	ZM_064_A1_H09	ZM_064_A1_H09_T7C	
47932	ZM_064_A1_H09		ZM_064_A1_H09_MR
47933	ZM_064_A1_H10	ZM_064_A1_H10_T7C	
47934	ZM_064_A1_H10		ZM_064_A1_H10_MR
47935	ZM_064_A1_H11		ZM_064_A1_H11_MR
47936	ZM_064_A1_H12	ZM_064_A1_H12_T7C	
47937	ZM_064_A1_H12		ZM_064_A1_H12_MR
47938	ZM_064_A2_A02	ZM_064_A2_A02_T7C	
47939	ZM_064_A2_A04	ZM_064_A2_A04_T7C	
47940	ZM_064_A2_A04		ZM_064_A2_A04_MR
47941	ZM_064_A2_A05	ZM_064_A2_A05_T7C	
47942	ZM_064_A2_A05		ZM_064_A2_A05_MR
47943	ZM_064_A2_A07	ZM_064_A2_A07_T7C	
47944	ZM_064_A2_A07		ZM_064_A2_A07_MR
47945	ZM_064_A2_A08	ZM_064_A2_A08_T7C	
47946	ZM_064_A2_A09	ZM_064_A2_A09_T7C	
47947	ZM_064_A2_A10	ZM_064_A2_A10_T7C	
47948	ZM_064_A2_A10		ZM_064_A2_A10_MR
47949	ZM_064_A2_A11	ZM_064_A2_A11_T7C	
47950	ZM_064_A2_A11		ZM_064_A2_A11_MR
47951	ZM_064_A2_A12	ZM_064_A2_A12_T7C	
47952	ZM_064_A2_A12		ZM_064_A2_A12_MR
47953	ZM_064_A2_B01	ZM_064_A2_B01_T7C	
47954	ZM_064_A2_B01		ZM_064_A2_B01_MR
47955	ZM_064_A2_B02	ZM_064_A2_B02_T7C	
47956	ZM_064_A2_B02		ZM_064_A2_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
47957	ZM_064_A2_B04	ZM_064_A2_B04_T7C	ZM_064_A2_B04_MR
47958	ZM_064_A2_B04		
47959	ZM_064_A2_B05	ZM_064_A2_B05_T7C	ZM_064_A2_B05_MR
47960	ZM_064_A2_B05		
47961	ZM_064_A2_B06	ZM_064_A2_B06_T7C	ZM_064_A2_B06_MR
47962	ZM_064_A2_B06		
47963	ZM_064_A2_B07	ZM_064_A2_B07_T7C	ZM_064_A2_B07_MR
47964	ZM_064_A2_B07		
47965	ZM_064_A2_B08	ZM_064_A2_B08_T7C	ZM_064_A2_B08_MR
47966	ZM_064_A2_B08		
47967	ZM_064_A2_B09	ZM_064_A2_B09_T7C	ZM_064_A2_B09_MR
47968	ZM_064_A2_B09		
47969	ZM_064_A2_B11	ZM_064_A2_B11_T7C	ZM_064_A2_B11_MR
47970	ZM_064_A2_B11		
47971	ZM_064_A2_B12	ZM_064_A2_B12_T7C	ZM_064_A2_B12_MR
47972	ZM_064_A2_B12		
47973	ZM_064_A2_C01	ZM_064_A2_C01_T7C	ZM_064_A2_C01_MR
47974	ZM_064_A2_C01		
47975	ZM_064_A2_C02	ZM_064_A2_C02_T7C	
47976	ZM_064_A2_C04	ZM_064_A2_C04_T7C	
47977	ZM_064_A2_C05	ZM_064_A2_C05_T7C	
47978	ZM_064_A2_C06	ZM_064_A2_C06_T7C	
47979	ZM_064_A2_C07	ZM_064_A2_C07_T7C	
47980	ZM_064_A2_C08	ZM_064_A2_C08_T7C	
47981	ZM_064_A2_C08		ZM_064_A2_C08_MR
47982	ZM_064_A2_C09	ZM_064_A2_C09_T7C	
47983	ZM_064_A2_C09		ZM_064_A2_C09_MR
47984	ZM_064_A2_C10	ZM_064_A2_C10_T7C	
47985	ZM_064_A2_C11		ZM_064_A2_C11_MR
47986	ZM_064_A2_C12	ZM_064_A2_C12_T7C	
47987	ZM_064_A2_C12		ZM_064_A2_C12_MR
47988	ZM_064_A2_D01	ZM_064_A2_D01_T7C	
47989	ZM_064_A2_D04	ZM_064_A2_D04_T7C	
47990	ZM_064_A2_D05	ZM_064_A2_D05_T7C	
47991	ZM_064_A2_D05		ZM_064_A2_D05_MR
47992	ZM_064_A2_D06	ZM_064_A2_D06_T7C	
47993	ZM_064_A2_D06		ZM_064_A2_D06_MR
47994	ZM_064_A2_D09	ZM_064_A2_D09_T7C	
47995	ZM_064_A2_D09		ZM_064_A2_D09_MR
47996	ZM_064_A2_D10	ZM_064_A2_D10_T7C	
47997	ZM_064_A2_D10		ZM_064_A2_D10_MR
47998	ZM_064_A2_D11	ZM_064_A2_D11_T7C	
47999	ZM_064_A2_D11		ZM_064_A2_D11_MR
48000	ZM_064_A2_D12	ZM_064_A2_D12_T7C	
48001	ZM_064_A2_D12		ZM_064_A2_D12_MR
48002	ZM_064_A2_E01	ZM_064_A2_E01_T7C	
48003	ZM_064_A2_E01		ZM_064_A2_E01_MR
48004	ZM_064_A2_E02	ZM_064_A2_E02_T7C	
48005	ZM_064_A2_E03	ZM_064_A2_E03_T7C	
48006	ZM_064_A2_E03		ZM_064_A2_E03_MR
48007	ZM_064_A2_E04		ZM_064_A2_E04_MR
48008	ZM_064_A2_E05	ZM_064_A2_E05_T7C	
48009	ZM_064_A2_E05		ZM_064_A2_E05_MR
48010	ZM_064_A2_E06	ZM_064_A2_E06_T7C	
48011	ZM_064_A2_E06		ZM_064_A2_E06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48012	ZM_064_A2_E07	ZM_064_A2_E07_T7C	
48013	ZM_064_A2_E07		ZM_064_A2_E07_MR
48014	ZM_064_A2_E08	ZM_064_A2_E08_T7C	
48015	ZM_064_A2_E08		ZM_064_A2_E08_MR
48016	ZM_064_A2_E10		ZM_064_A2_E10_MR
48017	ZM_064_A2_E11	ZM_064_A2_E11_T7C	
48018	ZM_064_A2_E11		ZM_064_A2_E11_MR
48019	ZM_064_A2_E12	ZM_064_A2_E12_T7C	
48020	ZM_064_A2_E12		ZM_064_A2_E12_MR
48021	ZM_064_A2_F01	ZM_064_A2_F01_T7C	
48022	ZM_064_A2_F01		ZM_064_A2_F01_MR
48023	ZM_064_A2_F02		ZM_064_A2_F02_MR
48024	ZM_064_A2_F03	ZM_064_A2_F03_T7C	
48025	ZM_064_A2_F03		ZM_064_A2_F03_MR
48026	ZM_064_A2_F04	ZM_064_A2_F04_T7C	
48027	ZM_064_A2_F04		ZM_064_A2_F04_MR
48028	ZM_064_A2_F05	ZM_064_A2_F05_T7C	
48029	ZM_064_A2_F05		ZM_064_A2_F05_MR
48030	ZM_064_A2_F06	ZM_064_A2_F06_T7C	
48031	ZM_064_A2_F06		ZM_064_A2_F06_MR
48032	ZM_064_A2_F07	ZM_064_A2_F07_T7C	
48033	ZM_064_A2_F07		ZM_064_A2_F07_MR
48034	ZM_064_A2_F08	ZM_064_A2_F08_T7C	
48035	ZM_064_A2_F08		ZM_064_A2_F08_MR
48036	ZM_064_A2_F09	ZM_064_A2_F09_T7C	
48037	ZM_064_A2_F10	ZM_064_A2_F10_T7C	
48038	ZM_064_A2_F10		ZM_064_A2_F10_MR
48039	ZM_064_A2_F11	ZM_064_A2_F11_T7C	
48040	ZM_064_A2_F11		ZM_064_A2_F11_MR
48041	ZM_064_A2_F12	ZM_064_A2_F12_T7C	
48042	ZM_064_A2_F12		ZM_064_A2_F12_MR
48043	ZM_064_A2_G01	ZM_064_A2_G01_T7C	
48044	ZM_064_A2_G01		ZM_064_A2_G01_MR
48045	ZM_064_A2_G02	ZM_064_A2_G02_T7C	
48046	ZM_064_A2_G03	ZM_064_A2_G03_T7C	
48047	ZM_064_A2_G03		ZM_064_A2_G03_MR
48048	ZM_064_A2_G04	ZM_064_A2_G04_T7C	
48049	ZM_064_A2_G04		ZM_064_A2_G04_MR
48050	ZM_064_A2_G05	ZM_064_A2_G05_T7C	
48051	ZM_064_A2_G05		ZM_064_A2_G05_MR
48052	ZM_064_A2_G06	ZM_064_A2_G06_T7C	
48053	ZM_064_A2_G06		ZM_064_A2_G06_MR
48054	ZM_064_A2_G07	ZM_064_A2_G07_T7C	
48055	ZM_064_A2_G07		ZM_064_A2_G07_MR
48056	ZM_064_A2_G08		ZM_064_A2_G08_MR
48057	ZM_064_A2_G09	ZM_064_A2_G09_T7C	
48058	ZM_064_A2_G09		ZM_064_A2_G09_MR
48059	ZM_064_A2_G10	ZM_064_A2_G10_T7C	
48060	ZM_064_A2_G10		ZM_064_A2_G10_MR
48061	ZM_064_A2_G11	ZM_064_A2_G11_T7C	
48062	ZM_064_A2_H01	ZM_064_A2_H01_T7C	
48063	ZM_064_A2_H04		ZM_064_A2_H04_MR
48064	ZM_064_A2_H05	ZM_064_A2_H05_T7C	
48065	ZM_064_A2_H10	ZM_064_A2_H10_T7C	
48066	ZM_064_A2_H11	ZM_064_A2_H11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48067	ZM_064_A2_H12	ZM_064_A2_H12_T7C	
48068	ZM_064_A2_H12		ZM_064_A2_H12_MR
48069	ZM_064_B2_A02	ZM_064_B2_A02_T7C	
48070	ZM_064_B2_A05	ZM_064_B2_A05_T7C	
48071	ZM_064_B2_A09	ZM_064_B2_A09_T7C	
48072	ZM_064_B2_A11	ZM_064_B2_A11_T7C	
48073	ZM_064_B2_B01	ZM_064_B2_B01_T7C	
48074	ZM_064_B2_B04	ZM_064_B2_B04_T7C	
48075	ZM_064_B2_B05	ZM_064_B2_B05_T7C	
48076	ZM_064_B2_B10	ZM_064_B2_B10_T7C	
48077	ZM_064_B2_C01	ZM_064_B2_C01_T7C	
48078	ZM_064_B2_C07	ZM_064_B2_C07_T7C	
48079	ZM_064_B2_D01	ZM_064_B2_D01_T7C	
48080	ZM_064_B2_D03	ZM_064_B2_D03_T7C	
48081	ZM_064_B2_D06	ZM_064_B2_D06_T7C	
48082	ZM_064_B2_D07	ZM_064_B2_D07_T7C	
48083	ZM_064_B2_E11	ZM_064_B2_E11_T7C	
48084	ZM_064_B2_G01	ZM_064_B2_G01_T7C	
48085	ZM_064_B2_G02	ZM_064_B2_G02_T7C	
48086	ZM_064_B2_G10	ZM_064_B2_G10_T7C	
48087	ZM_064_B2_H02	ZM_064_B2_H02_T7C	
48088	ZM_064_B2_H11	ZM_064_B2_H11_T7C	
48089	ZM_065_A1_A01	ZM_065_A1_A01_T7C	
48090	ZM_065_A1_A01		ZM_065_A1_A01_MR
48091	ZM_065_A1_A03	ZM_065_A1_A03_T7C	
48092	ZM_065_A1_A05	ZM_065_A1_A05_T7C	
48093	ZM_065_A1_A05		ZM_065_A1_A05_MR
48094	ZM_065_A1_A06	ZM_065_A1_A06_T7C	
48095	ZM_065_A1_A06		ZM_065_A1_A06_MR
48096	ZM_065_A1_A07	ZM_065_A1_A07_T7C	
48097	ZM_065_A1_A07		ZM_065_A1_A07_MR
48098	ZM_065_A1_A08		ZM_065_A1_A08_MR
48099	ZM_065_A1_A09	ZM_065_A1_A09_T7C	
48100	ZM_065_A1_A09		ZM_065_A1_A09_MR
48101	ZM_065_A1_A10	ZM_065_A1_A10_T7C	
48102	ZM_065_A1_A10		ZM_065_A1_A10_MR
48103	ZM_065_A1_A11	ZM_065_A1_A11_T7C	
48104	ZM_065_A1_A11		ZM_065_A1_A11_MR
48105	ZM_065_A1_A12	ZM_065_A1_A12_T7C	
48106	ZM_065_A1_A12		ZM_065_A1_A12_MR
48107	ZM_065_A1_B01	ZM_065_A1_B01_T7C	
48108	ZM_065_A1_B01		ZM_065_A1_B01_MR
48109	ZM_065_A1_B02	ZM_065_A1_B02_T7C	
48110	ZM_065_A1_B03	ZM_065_A1_B03_T7C	
48111	ZM_065_A1_B04	ZM_065_A1_B04_T7C	
48112	ZM_065_A1_B04		ZM_065_A1_B04_MR
48113	ZM_065_A1_B05	ZM_065_A1_B05_T7C	
48114	ZM_065_A1_B05		ZM_065_A1_B05_MR
48115	ZM_065_A1_B06	ZM_065_A1_B06_T7C	
48116	ZM_065_A1_B06		ZM_065_A1_B06_MR
48117	ZM_065_A1_B07	ZM_065_A1_B07_T7C	
48118	ZM_065_A1_B08	ZM_065_A1_B08_T7C	
48119	ZM_065_A1_B08		ZM_065_A1_B08_MR
48120	ZM_065_A1_B09	ZM_065_A1_B09_T7C	
48121	ZM_065_A1_B09		ZM_065_A1_B09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48122	ZM_065_A1_B10	ZM_065_A1_B10_T7C	
48123	ZM_065_A1_B10		ZM_065_A1_B10_MR
48124	ZM_065_A1_B11	ZM_065_A1_B11_T7C	
48125	ZM_065_A1_B11		ZM_065_A1_B11_MR
48126	ZM_065_A1_B12	ZM_065_A1_B12_T7C	
48127	ZM_065_A1_B12		ZM_065_A1_B12_MR
48128	ZM_065_A1_C01	ZM_065_A1_C01_T7C	
48129	ZM_065_A1_C01		ZM_065_A1_C01_MR
48130	ZM_065_A1_C02	ZM_065_A1_C02_T7C	
48131	ZM_065_A1_C02		ZM_065_A1_C02_MR
48132	ZM_065_A1_C03	ZM_065_A1_C03_T7C	
48133	ZM_065_A1_C04	ZM_065_A1_C04_T7C	
48134	ZM_065_A1_C05	ZM_065_A1_C05_T7C	
48135	ZM_065_A1_C05		ZM_065_A1_C05_MR
48136	ZM_065_A1_C06	ZM_065_A1_C06_T7C	
48137	ZM_065_A1_C06		ZM_065_A1_C06_MR
48138	ZM_065_A1_C07	ZM_065_A1_C07_T7C	
48139	ZM_065_A1_C08	ZM_065_A1_C08_T7C	
48140	ZM_065_A1_C08		ZM_065_A1_C08_MR
48141	ZM_065_A1_C09	ZM_065_A1_C09_T7C	
48142	ZM_065_A1_C09		ZM_065_A1_C09_MR
48143	ZM_065_A1_C10	ZM_065_A1_C10_T7C	
48144	ZM_065_A1_C10		ZM_065_A1_C10_MR
48145	ZM_065_A1_C11	ZM_065_A1_C11_T7C	
48146	ZM_065_A1_C11		ZM_065_A1_C11_MR
48147	ZM_065_A1_C12	ZM_065_A1_C12_T7C	
48148	ZM_065_A1_C12		ZM_065_A1_C12_MR
48149	ZM_065_A1_D01	ZM_065_A1_D01_T7C	
48150	ZM_065_A1_D01		ZM_065_A1_D01_MR
48151	ZM_065_A1_D02		ZM_065_A1_D02_MR
48152	ZM_065_A1_D03	ZM_065_A1_D03_T7C	
48153	ZM_065_A1_D03		ZM_065_A1_D03_MR
48154	ZM_065_A1_D04	ZM_065_A1_D04_T7C	
48155	ZM_065_A1_D04		ZM_065_A1_D04_MR
48156	ZM_065_A1_D05	ZM_065_A1_D05_T7C	
48157	ZM_065_A1_D06	ZM_065_A1_D06_T7C	
48158	ZM_065_A1_D06		ZM_065_A1_D06_MR
48159	ZM_065_A1_D08	ZM_065_A1_D08_T7C	
48160	ZM_065_A1_D08		ZM_065_A1_D08_MR
48161	ZM_065_A1_D09	ZM_065_A1_D09_T7C	
48162	ZM_065_A1_D09		ZM_065_A1_D09_MR
48163	ZM_065_A1_D10	ZM_065_A1_D10_T7C	
48164	ZM_065_A1_D10		ZM_065_A1_D10_MR
48165	ZM_065_A1_D11	ZM_065_A1_D11_T7C	
48166	ZM_065_A1_D11		ZM_065_A1_D11_MR
48167	ZM_065_A1_D12	ZM_065_A1_D12_T7C	
48168	ZM_065_A1_D12		ZM_065_A1_D12_MR
48169	ZM_065_A1_E01	ZM_065_A1_E01_T7C	
48170	ZM_065_A1_E01		ZM_065_A1_E01_MR
48171	ZM_065_A1_E02	ZM_065_A1_E02_T7C	
48172	ZM_065_A1_E03	ZM_065_A1_E03_T7C	
48173	ZM_065_A1_E03		ZM_065_A1_E03_MR
48174	ZM_065_A1_E04	ZM_065_A1_E04_T7C	
48175	ZM_065_A1_E04		ZM_065_A1_E04_MR
48176	ZM_065_A1_E05	ZM_065_A1_E05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48177	ZM_065_A1_E05		ZM_065_A1_E05_MR
48178	ZM_065_A1_E06	ZM_065_A1_E06_T7C	
48179	ZM_065_A1_E06		ZM_065_A1_E06_MR
48180	ZM_065_A1_E07	ZM_065_A1_E07_T7C	
48181	ZM_065_A1_E07		ZM_065_A1_E07_MR
48182	ZM_065_A1_E08	ZM_065_A1_E08_T7C	
48183	ZM_065_A1_E08		ZM_065_A1_E08_MR
48184	ZM_065_A1_E09	ZM_065_A1_E09_T7C	
48185	ZM_065_A1_E09		ZM_065_A1_E09_MR
48186	ZM_065_A1_E10	ZM_065_A1_E10_T7C	
48187	ZM_065_A1_E10		ZM_065_A1_E10_MR
48188	ZM_065_A1_E11	ZM_065_A1_E11_T7C	
48189	ZM_065_A1_E11		ZM_065_A1_E11_MR
48190	ZM_065_A1_E12	ZM_065_A1_E12_T7C	
48191	ZM_065_A1_E12		ZM_065_A1_E12_MR
48192	ZM_065_A1_F01	ZM_065_A1_F01_T7C	
48193	ZM_065_A1_F01		ZM_065_A1_F01_MR
48194	ZM_065_A1_F02	ZM_065_A1_F02_T7C	
48195	ZM_065_A1_F03	ZM_065_A1_F03_T7C	
48196	ZM_065_A1_F03		ZM_065_A1_F03_MR
48197	ZM_065_A1_F04	ZM_065_A1_F04_T7C	
48198	ZM_065_A1_F04		ZM_065_A1_F04_MR
48199	ZM_065_A1_F05	ZM_065_A1_F05_T7C	
48200	ZM_065_A1_F05		ZM_065_A1_F05_MR
48201	ZM_065_A1_F08	ZM_065_A1_F08_T7C	
48202	ZM_065_A1_F09	ZM_065_A1_F09_T7C	
48203	ZM_065_A1_F10	ZM_065_A1_F10_T7C	
48204	ZM_065_A1_F10		ZM_065_A1_F10_MR
48205	ZM_065_A1_F11	ZM_065_A1_F11_T7C	
48206	ZM_065_A1_F11		ZM_065_A1_F11_MR
48207	ZM_065_A1_F12	ZM_065_A1_F12_T7C	
48208	ZM_065_A1_G01	ZM_065_A1_G01_T7C	
48209	ZM_065_A1_G01		ZM_065_A1_G01_MR
48210	ZM_065_A1_G02	ZM_065_A1_G02_T7C	
48211	ZM_065_A1_G03	ZM_065_A1_G03_T7C	
48212	ZM_065_A1_G04	ZM_065_A1_G04_T7C	
48213	ZM_065_A1_G04		ZM_065_A1_G04_MR
48214	ZM_065_A1_G05	ZM_065_A1_G05_T7C	
48215	ZM_065_A1_G05		ZM_065_A1_G05_MR
48216	ZM_065_A1_G06	ZM_065_A1_G06_T7C	
48217	ZM_065_A1_G06		ZM_065_A1_G06_MR
48218	ZM_065_A1_G07	ZM_065_A1_G07_T7C	
48219	ZM_065_A1_G07		ZM_065_A1_G07_MR
48220	ZM_065_A1_G08	ZM_065_A1_G08_T7C	
48221	ZM_065_A1_G09	ZM_065_A1_G09_T7C	
48222	ZM_065_A1_G09		ZM_065_A1_G09_MR
48223	ZM_065_A1_G10		ZM_065_A1_G10_MR
48224	ZM_065_A1_G11		ZM_065_A1_G11_MR
48225	ZM_065_A1_G12	ZM_065_A1_G12_T7C	
48226	ZM_065_A1_G12		ZM_065_A1_G12_MR
48227	ZM_065_A1_H01	ZM_065_A1_H01_T7C	
48228	ZM_065_A1_H01		ZM_065_A1_H01_MR
48229	ZM_065_A1_H02	ZM_065_A1_H02_T7C	
48230	ZM_065_A1_H02		ZM_065_A1_H02_MR
48231	ZM_065_A1_H03	ZM_065_A1_H03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48232	ZM_065_A1_H03		ZM_065_A1_H03_MR
48233	ZM_065_A1_H04	ZM_065_A1_H04_T7C	
48234	ZM_065_A1_H04		ZM_065_A1_H04_MR
48235	ZM_065_A1_H05	ZM_065_A1_H05_T7C	
48236	ZM_065_A1_H05		ZM_065_A1_H05_MR
48237	ZM_065_A1_H06	ZM_065_A1_H06_T7C	
48238	ZM_065_A1_H06		ZM_065_A1_H06_MR
48239	ZM_065_A1_H07	ZM_065_A1_H07_T7C	
48240	ZM_065_A1_H07		ZM_065_A1_H07_MR
48241	ZM_065_A1_H08	ZM_065_A1_H08_T7C	
48242	ZM_065_A1_H08		ZM_065_A1_H08_MR
48243	ZM_065_A1_H09	ZM_065_A1_H09_T7C	
48244	ZM_065_A1_H09		ZM_065_A1_H09_MR
48245	ZM_065_A1_H10		ZM_065_A1_H10_MR
48246	ZM_065_A1_H12	ZM_065_A1_H12_T7C	
48247	ZM_065_A1_H12		ZM_065_A1_H12_MR
48248	ZM_065_B1_A01	ZM_065_B1_A01_T7C	
48249	ZM_065_B1_A02	ZM_065_B1_A02_T7C	
48250	ZM_065_B1_A03	ZM_065_B1_A03_T7C	
48251	ZM_065_B1_A03		ZM_065_B1_A03_MR
48252	ZM_065_B1_A04	ZM_065_B1_A04_T7C	
48253	ZM_065_B1_A04		ZM_065_B1_A04_MR
48254	ZM_065_B1_A05	ZM_065_B1_A05_T7C	
48255	ZM_065_B1_A05		ZM_065_B1_A05_MR
48256	ZM_065_B1_A06	ZM_065_B1_A06_T7C	
48257	ZM_065_B1_A06		ZM_065_B1_A06_MR
48258	ZM_065_B1_A07	ZM_065_B1_A07_T7C	
48259	ZM_065_B1_A08	ZM_065_B1_A08_T7C	
48260	ZM_065_B1_A08		ZM_065_B1_A08_MR
48261	ZM_065_B1_A09	ZM_065_B1_A09_T7C	
48262	ZM_065_B1_A09		ZM_065_B1_A09_MR
48263	ZM_065_B1_A10	ZM_065_B1_A10_T7C	
48264	ZM_065_B1_A10		ZM_065_B1_A10_MR
48265	ZM_065_B1_A11	ZM_065_B1_A11_T7C	
48266	ZM_065_B1_A11		ZM_065_B1_A11_MR
48267	ZM_065_B1_A12	ZM_065_B1_A12_T7C	
48268	ZM_065_B1_A12		ZM_065_B1_A12_MR
48269	ZM_065_B1_B01	ZM_065_B1_B01_T7C	
48270	ZM_065_B1_B01		ZM_065_B1_B01_MR
48271	ZM_065_B1_B02	ZM_065_B1_B02_T7C	
48272	ZM_065_B1_B02		ZM_065_B1_B02_MR
48273	ZM_065_B1_B03	ZM_065_B1_B03_T7C	
48274	ZM_065_B1_B03		ZM_065_B1_B03_MR
48275	ZM_065_B1_B04	ZM_065_B1_B04_T7C	
48276	ZM_065_B1_B04		ZM_065_B1_B04_MR
48277	ZM_065_B1_B05	ZM_065_B1_B05_T7C	
48278	ZM_065_B1_B05		ZM_065_B1_B05_MR
48279	ZM_065_B1_B06	ZM_065_B1_B06_T7C	
48280	ZM_065_B1_B06		ZM_065_B1_B06_MR
48281	ZM_065_B1_B07	ZM_065_B1_B07_T7C	
48282	ZM_065_B1_B07		ZM_065_B1_B07_MR
48283	ZM_065_B1_B08	ZM_065_B1_B08_T7C	
48284	ZM_065_B1_B08		ZM_065_B1_B08_MR
48285	ZM_065_B1_B09	ZM_065_B1_B09_T7C	
48286	ZM_065_B1_B09		ZM_065_B1_B09_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48287	ZM_065_B1_B10	ZM_065_B1_B10_T7C	
48288	ZM_065_B1_B10		ZM_065_B1_B10_MR
48289	ZM_065_B1_B11	ZM_065_B1_B11_T7C	
48290	ZM_065_B1_B11		ZM_065_B1_B11_MR
48291	ZM_065_B1_B12	ZM_065_B1_B12_T7C	
48292	ZM_065_B1_B12		ZM_065_B1_B12_MR
48293	ZM_065_B1_C01	ZM_065_B1_C01_T7C	
48294	ZM_065_B1_C01		ZM_065_B1_C01_MR
48295	ZM_065_B1_C02	ZM_065_B1_C02_T7C	
48296	ZM_065_B1_C02		ZM_065_B1_C02_MR
48297	ZM_065_B1_C03	ZM_065_B1_C03_T7C	
48298	ZM_065_B1_C03		ZM_065_B1_C03_MR
48299	ZM_065_B1_C04	ZM_065_B1_C04_T7C	
48300	ZM_065_B1_C04		ZM_065_B1_C04_MR
48301	ZM_065_B1_C10	ZM_065_B1_C10_T7C	
48302	ZM_065_B1_D01	ZM_065_B1_D01_T7C	
48303	ZM_065_B1_D01		ZM_065_B1_D01_MR
48304	ZM_065_B1_D02	ZM_065_B1_D02_T7C	
48305	ZM_065_B1_D02		ZM_065_B1_D02_MR
48306	ZM_065_B1_D03	ZM_065_B1_D03_T7C	
48307	ZM_065_B1_D03		ZM_065_B1_D03_MR
48308	ZM_065_B1_D04	ZM_065_B1_D04_T7C	
48309	ZM_065_B1_D04		ZM_065_B1_D04_MR
48310	ZM_065_B1_D05		ZM_065_B1_D05_MR
48311	ZM_065_B1_D07	ZM_065_B1_D07_T7C	
48312	ZM_065_B1_D07		ZM_065_B1_D07_MR
48313	ZM_065_B1_D08	ZM_065_B1_D08_T7C	
48314	ZM_065_B1_D08		ZM_065_B1_D08_MR
48315	ZM_065_B1_D09	ZM_065_B1_D09_T7C	
48316	ZM_065_B1_D09		ZM_065_B1_D09_MR
48317	ZM_065_B1_D10	ZM_065_B1_D10_T7C	
48318	ZM_065_B1_D10		ZM_065_B1_D10_MR
48319	ZM_065_B1_D11	ZM_065_B1_D11_T7C	
48320	ZM_065_B1_D11		ZM_065_B1_D11_MR
48321	ZM_065_B1_D12	ZM_065_B1_D12_T7C	
48322	ZM_065_B1_D12		ZM_065_B1_D12_MR
48323	ZM_065_B1_E01	ZM_065_B1_E01_T7C	
48324	ZM_065_B1_E01		ZM_065_B1_E01_MR
48325	ZM_065_B1_E02	ZM_065_B1_E02_T7C	
48326	ZM_065_B1_E02		ZM_065_B1_E02_MR
48327	ZM_065_B1_E03	ZM_065_B1_E03_T7C	
48328	ZM_065_B1_E03		ZM_065_B1_E03_MR
48329	ZM_065_B1_E04	ZM_065_B1_E04_T7C	
48330	ZM_065_B1_E04		ZM_065_B1_E04_MR
48331	ZM_065_B1_E05	ZM_065_B1_E05_T7C	
48332	ZM_065_B1_E05		ZM_065_B1_E05_MR
48333	ZM_065_B1_E06	ZM_065_B1_E06_T7C	
48334	ZM_065_B1_E06		ZM_065_B1_E06_MR
48335	ZM_065_B1_E07	ZM_065_B1_E07_T7C	
48336	ZM_065_B1_E07		ZM_065_B1_E07_MR
48337	ZM_065_B1_E08	ZM_065_B1_E08_T7C	
48338	ZM_065_B1_E08		ZM_065_B1_E08_MR
48339	ZM_065_B1_E09	ZM_065_B1_E09_T7C	
48340	ZM_065_B1_E09		ZM_065_B1_E09_MR
48341	ZM_065_B1_E10	ZM_065_B1_E10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48342	ZM_065_B1_E10		ZM_065_B1_E10_MR
48343	ZM_065_B1_E11	ZM_065_B1_E11_T7C	
48344	ZM_065_B1_E11		ZM_065_B1_E11_MR
48345	ZM_065_B1_E12	ZM_065_B1_E12_T7C	
48346	ZM_065_B1_E12		ZM_065_B1_E12_MR
48347	ZM_065_B1_F01	ZM_065_B1_F01_T7C	
48348	ZM_065_B1_F01		ZM_065_B1_F01_MR
48349	ZM_065_B1_F02	ZM_065_B1_F02_T7C	
48350	ZM_065_B1_F02		ZM_065_B1_F02_MR
48351	ZM_065_B1_F03	ZM_065_B1_F03_T7C	
48352	ZM_065_B1_F03		ZM_065_B1_F03_MR
48353	ZM_065_B1_F04	ZM_065_B1_F04_T7C	
48354	ZM_065_B1_F04		ZM_065_B1_F04_MR
48355	ZM_065_B1_F05	ZM_065_B1_F05_T7C	
48356	ZM_065_B1_F05		ZM_065_B1_F05_MR
48357	ZM_065_B1_F06	ZM_065_B1_F06_T7C	
48358	ZM_065_B1_F06		ZM_065_B1_F06_MR
48359	ZM_065_B1_F07	ZM_065_B1_F07_T7C	
48360	ZM_065_B1_F07		ZM_065_B1_F07_MR
48361	ZM_065_B1_F08	ZM_065_B1_F08_T7C	
48362	ZM_065_B1_F08		ZM_065_B1_F08_MR
48363	ZM_065_B1_F09	ZM_065_B1_F09_T7C	
48364	ZM_065_B1_F10	ZM_065_B1_F10_T7C	
48365	ZM_065_B1_F10		ZM_065_B1_F10_MR
48366	ZM_065_B1_F11	ZM_065_B1_F11_T7C	
48367	ZM_065_B1_F11		ZM_065_B1_F11_MR
48368	ZM_065_B1_F12	ZM_065_B1_F12_T7C	
48369	ZM_065_B1_F12		ZM_065_B1_F12_MR
48370	ZM_065_B1_G01	ZM_065_B1_G01_T7C	
48371	ZM_065_B1_G01		ZM_065_B1_G01_MR
48372	ZM_065_B1_G02	ZM_065_B1_G02_T7C	
48373	ZM_065_B1_G02		ZM_065_B1_G02_MR
48374	ZM_065_B1_G03	ZM_065_B1_G03_T7C	
48375	ZM_065_B1_G04	ZM_065_B1_G04_T7C	
48376	ZM_065_B1_G05	ZM_065_B1_G05_T7C	
48377	ZM_065_B1_G05		ZM_065_B1_G05_MR
48378	ZM_065_B1_G06	ZM_065_B1_G06_T7C	
48379	ZM_065_B1_G07	ZM_065_B1_G07_T7C	
48380	ZM_065_B1_G07		ZM_065_B1_G07_MR
48381	ZM_065_B1_G08	ZM_065_B1_G08_T7C	
48382	ZM_065_B1_G08		ZM_065_B1_G08_MR
48383	ZM_065_B1_G09	ZM_065_B1_G09_T7C	
48384	ZM_065_B1_G09		ZM_065_B1_G09_MR
48385	ZM_065_B1_G10	ZM_065_B1_G10_T7C	
48386	ZM_065_B1_G11	ZM_065_B1_G11_T7C	
48387	ZM_065_B1_G11		ZM_065_B1_G11_MR
48388	ZM_065_B1_G12	ZM_065_B1_G12_T7C	
48389	ZM_065_B1_G12		ZM_065_B1_G12_MR
48390	ZM_065_B1_H01	ZM_065_B1_H01_T7C	
48391	ZM_065_B1_H01		ZM_065_B1_H01_MR
48392	ZM_065_B1_H02	ZM_065_B1_H02_T7C	
48393	ZM_065_B1_H02		ZM_065_B1_H02_MR
48394	ZM_065_B1_H03	ZM_065_B1_H03_T7C	
48395	ZM_065_B1_H03		ZM_065_B1_H03_MR
48396	ZM_065_B1_H04	ZM_065_B1_H04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48397	ZM_065_B1_H04		ZM_065_B1_H04_MR
48398	ZM_065_B1_H05	ZM_065_B1_H05_T7C	
48399	ZM_065_B1_H05		ZM_065_B1_H05_MR
48400	ZM_065_B1_H06	ZM_065_B1_H06_T7C	
48401	ZM_065_B1_H06		ZM_065_B1_H06_MR
48402	ZM_065_B1_H07		ZM_065_B1_H07_MR
48403	ZM_065_B1_H08	ZM_065_B1_H08_T7C	
48404	ZM_065_B1_H08		ZM_065_B1_H08_MR
48405	ZM_065_B1_H09	ZM_065_B1_H09_T7C	
48406	ZM_065_B1_H09		ZM_065_B1_H09_MR
48407	ZM_065_B1_H10	ZM_065_B1_H10_T7C	
48408	ZM_065_B1_H10		ZM_065_B1_H10_MR
48409	ZM_065_B1_H11	ZM_065_B1_H11_T7C	
48410	ZM_065_B1_H11		ZM_065_B1_H11_MR
48411	ZM_065_B2_A04	ZM_065_B2_A04_T7C	
48412	ZM_065_B2_A05	ZM_065_B2_A05_T7C	
48413	ZM_065_B2_A07	ZM_065_B2_A07_T7C	
48414	ZM_065_B2_A08	ZM_065_B2_A08_T7C	
48415	ZM_065_B2_A11	ZM_065_B2_A11_T7C	
48416	ZM_065_B2_B02	ZM_065_B2_B02_T7C	
48417	ZM_065_B2_B06	ZM_065_B2_B06_T7C	
48418	ZM_065_B2_B12	ZM_065_B2_B12_T7C	
48419	ZM_065_B2_C02	ZM_065_B2_C02_T7C	
48420	ZM_065_B2_D01	ZM_065_B2_D01_T7C	
48421	ZM_065_B2_D05	ZM_065_B2_D05_T7C	
48422	ZM_065_B2_D07	ZM_065_B2_D07_T7C	
48423	ZM_065_B2_D11	ZM_065_B2_D11_T7C	
48424	ZM_065_B2_E01	ZM_065_B2_E01_T7C	
48425	ZM_065_B2_E02	ZM_065_B2_E02_T7C	
48426	ZM_065_B2_F02	ZM_065_B2_F02_T7C	
48427	ZM_065_B2_F03	ZM_065_B2_F03_T7C	
48428	ZM_065_B2_F04	ZM_065_B2_F04_T7C	
48429	ZM_065_B2_F06	ZM_065_B2_F06_T7C	
48430	ZM_065_B2_G02	ZM_065_B2_G02_T7C	
48431	ZM_065_B2_G04	ZM_065_B2_G04_T7C	
48432	ZM_065_B2_G06	ZM_065_B2_G06_T7C	
48433	ZM_065_B2_H04	ZM_065_B2_H04_T7C	
48434	ZM_065_B2_H08	ZM_065_B2_H08_T7C	
48435	ZM_065_B2_H10	ZM_065_B2_H10_T7C	
48436	ZM_065_B2_H12	ZM_065_B2_H12_T7C	
48437	ZM_066_A1_A01	ZM_066_A1_A01_T7C	
48438	ZM_066_A1_A02	ZM_066_A1_A02_T7C	ZM_066_A1_A02_MR
48439	ZM_066_A1_A02		
48440	ZM_066_A1_A03	ZM_066_A1_A03_T7C	
48441	ZM_066_A1_A04	ZM_066_A1_A04_T7C	ZM_066_A1_A04_MR
48442	ZM_066_A1_A04		
48443	ZM_066_A1_A05	ZM_066_A1_A05_T7C	ZM_066_A1_A05_MR
48444	ZM_066_A1_A05		
48445	ZM_066_A1_A06	ZM_066_A1_A06_T7C	
48446	ZM_066_A1_A07	ZM_066_A1_A07_T7C	ZM_066_A1_A07_MR
48447	ZM_066_A1_A07		
48448	ZM_066_A1_A08	ZM_066_A1_A08_T7C	
48449	ZM_066_A1_A09	ZM_066_A1_A09_T7C	ZM_066_A1_A09_MR
48450	ZM_066_A1_A09		
48451	ZM_066_A1_A10	ZM_066_A1_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48452	ZM_066_A1_A11	ZM_066_A1_A11_T7C	
48453	ZM_066_A1_A12	ZM_066_A1_A12_T7C	
48454	ZM_066_A1_B01	ZM_066_A1_B01_T7C	ZM_066_A1_B01_MR
48455	ZM_066_A1_B01		
48456	ZM_066_A1_B02	ZM_066_A1_B02_T7C	ZM_066_A1_B02_MR
48457	ZM_066_A1_B02		
48458	ZM_066_A1_B03	ZM_066_A1_B03_T7C	
48459	ZM_066_A1_B04	ZM_066_A1_B04_T7C	
48460	ZM_066_A1_B04		ZM_066_A1_B04_MR
48461	ZM_066_A1_B05	ZM_066_A1_B05_T7C	
48462	ZM_066_A1_B06	ZM_066_A1_B06_T7C	
48463	ZM_066_A1_B07	ZM_066_A1_B07_T7C	
48464	ZM_066_A1_B08	ZM_066_A1_B08_T7C	
48465	ZM_066_A1_B09	ZM_066_A1_B09_T7C	
48466	ZM_066_A1_B09		ZM_066_A1_B09_MR
48467	ZM_066_A1_B10	ZM_066_A1_B10_T7C	
48468	ZM_066_A1_B11	ZM_066_A1_B11_T7C	
48469	ZM_066_A1_B11		ZM_066_A1_B11_MR
48470	ZM_066_A1_B12	ZM_066_A1_B12_T7C	
48471	ZM_066_A1_C01	ZM_066_A1_C01_T7C	
48472	ZM_066_A1_C01		ZM_066_A1_C01_MR
48473	ZM_066_A1_C02	ZM_066_A1_C02_T7C	
48474	ZM_066_A1_C02		ZM_066_A1_C02_MR
48475	ZM_066_A1_C03	ZM_066_A1_C03_T7C	
48476	ZM_066_A1_C04	ZM_066_A1_C04_T7C	
48477	ZM_066_A1_C04		ZM_066_A1_C04_MR
48478	ZM_066_A1_C05	ZM_066_A1_C05_T7C	
48479	ZM_066_A1_C06	ZM_066_A1_C06_T7C	
48480	ZM_066_A1_C07	ZM_066_A1_C07_T7C	
48481	ZM_066_A1_C08	ZM_066_A1_C08_T7C	
48482	ZM_066_A1_C09	ZM_066_A1_C09_T7C	
48483	ZM_066_A1_C10	ZM_066_A1_C10_T7C	
48484	ZM_066_A1_C11	ZM_066_A1_C11_T7C	
48485	ZM_066_A1_C12	ZM_066_A1_C12_T7C	
48486	ZM_066_A1_D01	ZM_066_A1_D01_T7C	
48487	ZM_066_A1_D01		ZM_066_A1_D01_MR
48488	ZM_066_A1_D02	ZM_066_A1_D02_T7C	
48489	ZM_066_A1_D02		ZM_066_A1_D02_MR
48490	ZM_066_A1_D03	ZM_066_A1_D03_T7C	
48491	ZM_066_A1_D03		ZM_066_A1_D03_MR
48492	ZM_066_A1_D04	ZM_066_A1_D04_T7C	
48493	ZM_066_A1_D05	ZM_066_A1_D05_T7C	
48494	ZM_066_A1_D06	ZM_066_A1_D06_T7C	
48495	ZM_066_A1_D06		ZM_066_A1_D06_MR
48496	ZM_066_A1_D07	ZM_066_A1_D07_T7C	
48497	ZM_066_A1_D08	ZM_066_A1_D08_T7C	
48498	ZM_066_A1_D09	ZM_066_A1_D09_T7C	
48499	ZM_066_A1_D10	ZM_066_A1_D10_T7C	
48500	ZM_066_A1_D10		ZM_066_A1_D10_MR
48501	ZM_066_A1_D11	ZM_066_A1_D11_T7C	
48502	ZM_066_A1_D12	ZM_066_A1_D12_T7C	
48503	ZM_066_A1_E01	ZM_066_A1_E01_T7C	
48504	ZM_066_A1_E02	ZM_066_A1_E02_T7C	
48505	ZM_066_A1_E03	ZM_066_A1_E03_T7C	
48506	ZM_066_A1_E04	ZM_066_A1_E04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48507	ZM_066_A1_E05	ZM_066_A1_E05_T7C	
48508	ZM_066_A1_E06	ZM_066_A1_E06_T7C	
48509	ZM_066_A1_E07	ZM_066_A1_E07_T7C	
48510	ZM_066_A1_E08	ZM_066_A1_E08_T7C	
48511	ZM_066_A1_E08		ZM_066_A1_E08_MR
48512	ZM_066_A1_E09	ZM_066_A1_E09_T7C	
48513	ZM_066_A1_E10	ZM_066_A1_E10_T7C	
48514	ZM_066_A1_E10		ZM_066_A1_E10_MR
48515	ZM_066_A1_E11	ZM_066_A1_E11_T7C	
48516	ZM_066_A1_E12	ZM_066_A1_E12_T7C	
48517	ZM_066_A1_F01	ZM_066_A1_F01_T7C	
48518	ZM_066_A1_F01		ZM_066_A1_F01_MR
48519	ZM_066_A1_F02	ZM_066_A1_F02_T7C	
48520	ZM_066_A1_F02		ZM_066_A1_F02_MR
48521	ZM_066_A1_F03	ZM_066_A1_F03_T7C	
48522	ZM_066_A1_F03		ZM_066_A1_F03_MR
48523	ZM_066_A1_F04	ZM_066_A1_F04_T7C	
48524	ZM_066_A1_F05	ZM_066_A1_F05_T7C	
48525	ZM_066_A1_F05		ZM_066_A1_F05_MR
48526	ZM_066_A1_F06	ZM_066_A1_F06_T7C	
48527	ZM_066_A1_F07	ZM_066_A1_F07_T7C	
48528	ZM_066_A1_F08	ZM_066_A1_F08_T7C	
48529	ZM_066_A1_F09	ZM_066_A1_F09_T7C	
48530	ZM_066_A1_F10	ZM_066_A1_F10_T7C	
48531	ZM_066_A1_F11	ZM_066_A1_F11_T7C	
48532	ZM_066_A1_F12	ZM_066_A1_F12_T7C	
48533	ZM_066_A1_G01	ZM_066_A1_G01_T7C	
48534	ZM_066_A1_G01		ZM_066_A1_G01_MR
48535	ZM_066_A1_G02	ZM_066_A1_G02_T7C	
48536	ZM_066_A1_G02		ZM_066_A1_G02_MR
48537	ZM_066_A1_G03	ZM_066_A1_G03_T7C	
48538	ZM_066_A1_G04	ZM_066_A1_G04_T7C	
48539	ZM_066_A1_G04		ZM_066_A1_G04_MR
48540	ZM_066_A1_G05	ZM_066_A1_G05_T7C	
48541	ZM_066_A1_G06	ZM_066_A1_G06_T7C	
48542	ZM_066_A1_G07	ZM_066_A1_G07_T7C	
48543	ZM_066_A1_G08	ZM_066_A1_G08_T7C	
48544	ZM_066_A1_G10	ZM_066_A1_G10_T7C	
48545	ZM_066_A1_G11	ZM_066_A1_G11_T7C	
48546	ZM_066_A1_H01	ZM_066_A1_H01_T7C	
48547	ZM_066_A1_H01		ZM_066_A1_H01_MR
48548	ZM_066_A1_H02	ZM_066_A1_H02_T7C	
48549	ZM_066_A1_H02		ZM_066_A1_H02_MR
48550	ZM_066_A1_H03	ZM_066_A1_H03_T7C	
48551	ZM_066_A1_H04	ZM_066_A1_H04_T7C	
48552	ZM_066_A1_H06	ZM_066_A1_H06_T7C	
48553	ZM_066_A1_H07	ZM_066_A1_H07_T7C	
48554	ZM_066_A1_H08	ZM_066_A1_H08_T7C	
48555	ZM_066_A1_H09	ZM_066_A1_H09_T7C	
48556	ZM_066_A1_H10	ZM_066_A1_H10_T7C	
48557	ZM_066_A1_H11	ZM_066_A1_H11_T7C	
48558	ZM_066_A1_H12	ZM_066_A1_H12_T7C	
48559	ZM_066_A2_A01	ZM_066_A2_A01_T7C	
48560	ZM_066_A2_A01		ZM_066_A2_A01_MR
48561	ZM_066_A2_A02	ZM_066_A2_A02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48562	ZM_066_A2_A02		ZM_066_A2_A02_MR
48563	ZM_066_A2_A03	ZM_066_A2_A03_T7C	
48564	ZM_066_A2_A03		ZM_066_A2_A03_MR
48565	ZM_066_A2_A04		ZM_066_A2_A04_MR
48566	ZM_066_A2_A05	ZM_066_A2_A05_T7C	
48567	ZM_066_A2_A05		ZM_066_A2_A05_MR
48568	ZM_066_A2_A06	ZM_066_A2_A06_T7C	
48569	ZM_066_A2_A07	ZM_066_A2_A07_T7C	
48570	ZM_066_A2_A07		ZM_066_A2_A07_MR
48571	ZM_066_A2_A08	ZM_066_A2_A08_T7C	
48572	ZM_066_A2_A08		ZM_066_A2_A08_MR
48573	ZM_066_A2_A09	ZM_066_A2_A09_T7C	
48574	ZM_066_A2_A09		ZM_066_A2_A09_MR
48575	ZM_066_A2_A10	ZM_066_A2_A10_T7C	
48576	ZM_066_A2_A10		ZM_066_A2_A10_MR
48577	ZM_066_A2_A11	ZM_066_A2_A11_T7C	
48578	ZM_066_A2_A11		ZM_066_A2_A11_MR
48579	ZM_066_A2_A12		ZM_066_A2_A12_MR
48580	ZM_066_A2_B01	ZM_066_A2_B01_T7C	
48581	ZM_066_A2_B01		ZM_066_A2_B01_MR
48582	ZM_066_A2_B02	ZM_066_A2_B02_T7C	
48583	ZM_066_A2_B02		ZM_066_A2_B02_MR
48584	ZM_066_A2_B03	ZM_066_A2_B03_T7C	
48585	ZM_066_A2_B03		ZM_066_A2_B03_MR
48586	ZM_066_A2_B04		ZM_066_A2_B04_MR
48587	ZM_066_A2_B05	ZM_066_A2_B05_T7C	
48588	ZM_066_A2_B05		ZM_066_A2_B05_MR
48589	ZM_066_A2_B06	ZM_066_A2_B06_T7C	
48590	ZM_066_A2_B06		ZM_066_A2_B06_MR
48591	ZM_066_A2_B07	ZM_066_A2_B07_T7C	
48592	ZM_066_A2_B07		ZM_066_A2_B07_MR
48593	ZM_066_A2_B08		ZM_066_A2_B08_MR
48594	ZM_066_A2_B09	ZM_066_A2_B09_T7C	
48595	ZM_066_A2_B09		ZM_066_A2_B09_MR
48596	ZM_066_A2_B10	ZM_066_A2_B10_T7C	
48597	ZM_066_A2_B10		ZM_066_A2_B10_MR
48598	ZM_066_A2_B11	ZM_066_A2_B11_T7C	
48599	ZM_066_A2_B11		ZM_066_A2_B11_MR
48600	ZM_066_A2_B12	ZM_066_A2_B12_T7C	
48601	ZM_066_A2_B12		ZM_066_A2_B12_MR
48602	ZM_066_A2_C01	ZM_066_A2_C01_T7C	
48603	ZM_066_A2_C01		ZM_066_A2_C01_MR
48604	ZM_066_A2_C02		ZM_066_A2_C02_MR
48605	ZM_066_A2_C04	ZM_066_A2_C04_T7C	
48606	ZM_066_A2_C04		ZM_066_A2_C04_MR
48607	ZM_066_A2_C05	ZM_066_A2_C05_T7C	
48608	ZM_066_A2_C05		ZM_066_A2_C05_MR
48609	ZM_066_A2_C06	ZM_066_A2_C06_T7C	
48610	ZM_066_A2_C06		ZM_066_A2_C06_MR
48611	ZM_066_A2_C07	ZM_066_A2_C07_T7C	
48612	ZM_066_A2_C07		ZM_066_A2_C07_MR
48613	ZM_066_A2_C08	ZM_066_A2_C08_T7C	
48614	ZM_066_A2_C08		ZM_066_A2_C08_MR
48615	ZM_066_A2_C09	ZM_066_A2_C09_T7C	
48616	ZM_066_A2_C09		ZM_066_A2_C09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48617	ZM_066_A2_C10	ZM_066_A2_C10_T7C	ZM_066_A2_C10_MR
48618	ZM_066_A2_C10		
48619	ZM_066_A2_C11	ZM_066_A2_C11_T7C	ZM_066_A2_C11_MR
48620	ZM_066_A2_C11		ZM_066_A2_C12_MR
48621	ZM_066_A2_C12		
48622	ZM_066_A2_D01	ZM_066_A2_D01_T7C	ZM_066_A2_D01_MR
48623	ZM_066_A2_D01		
48624	ZM_066_A2_D02	ZM_066_A2_D02_T7C	
48625	ZM_066_A2_D02		ZM_066_A2_D02_MR
48626	ZM_066_A2_D03		ZM_066_A2_D03_MR
48627	ZM_066_A2_D04	ZM_066_A2_D04_T7C	
48628	ZM_066_A2_D04		ZM_066_A2_D04_MR
48629	ZM_066_A2_D06	ZM_066_A2_D06_T7C	
48630	ZM_066_A2_D06		ZM_066_A2_D06_MR
48631	ZM_066_A2_D07	ZM_066_A2_D07_T7C	
48632	ZM_066_A2_D07		ZM_066_A2_D07_MR
48633	ZM_066_A2_D08	ZM_066_A2_D08_T7C	
48634	ZM_066_A2_D08		ZM_066_A2_D08_MR
48635	ZM_066_A2_D09	ZM_066_A2_D09_T7C	
48636	ZM_066_A2_D09		ZM_066_A2_D09_MR
48637	ZM_066_A2_D10	ZM_066_A2_D10_T7C	
48638	ZM_066_A2_D10		ZM_066_A2_D10_MR
48639	ZM_066_A2_D11	ZM_066_A2_D11_T7C	
48640	ZM_066_A2_D11		ZM_066_A2_D11_MR
48641	ZM_066_A2_D12		ZM_066_A2_D12_MR
48642	ZM_066_A2_E01	ZM_066_A2_E01_T7C	
48643	ZM_066_A2_E01		ZM_066_A2_E01_MR
48644	ZM_066_A2_E02	ZM_066_A2_E02_T7C	
48645	ZM_066_A2_E02		ZM_066_A2_E02_MR
48646	ZM_066_A2_E03		ZM_066_A2_E03_MR
48647	ZM_066_A2_E04	ZM_066_A2_E04_T7C	
48648	ZM_066_A2_E04		ZM_066_A2_E04_MR
48649	ZM_066_A2_E05	ZM_066_A2_E05_T7C	
48650	ZM_066_A2_E05		ZM_066_A2_E05_MR
48651	ZM_066_A2_E06	ZM_066_A2_E06_T7C	
48652	ZM_066_A2_E06		ZM_066_A2_E06_MR
48653	ZM_066_A2_E07	ZM_066_A2_E07_T7C	
48654	ZM_066_A2_E07		ZM_066_A2_E07_MR
48655	ZM_066_A2_E08	ZM_066_A2_E08_T7C	
48656	ZM_066_A2_E08		ZM_066_A2_E08_MR
48657	ZM_066_A2_E09		ZM_066_A2_E09_MR
48658	ZM_066_A2_E10	ZM_066_A2_E10_T7C	
48659	ZM_066_A2_E10		ZM_066_A2_E10_MR
48660	ZM_066_A2_E11	ZM_066_A2_E11_T7C	
48661	ZM_066_A2_E11		ZM_066_A2_E11_MR
48662	ZM_066_A2_E12	ZM_066_A2_E12_T7C	
48663	ZM_066_A2_E12		ZM_066_A2_E12_MR
48664	ZM_066_A2_F01		ZM_066_A2_F01_MR
48665	ZM_066_A2_F02		ZM_066_A2_F02_MR
48666	ZM_066_A2_F03	ZM_066_A2_F03_T7C	
48667	ZM_066_A2_F03		ZM_066_A2_F03_MR
48668	ZM_066_A2_F04	ZM_066_A2_F04_T7C	
48669	ZM_066_A2_F04		ZM_066_A2_F04_MR
48670	ZM_066_A2_F05	ZM_066_A2_F05_T7C	
48671	ZM_066_A2_F05		ZM_066_A2_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48672	ZM_066_A2_F06	ZM_066_A2_F06_T7C	
48673	ZM_066_A2_F06		ZM_066_A2_F06_MR
48674	ZM_066_A2_F07	ZM_066_A2_F07_T7C	
48675	ZM_066_A2_F07		ZM_066_A2_F07_MR
48676	ZM_066_A2_F08	ZM_066_A2_F08_T7C	
48677	ZM_066_A2_F08		ZM_066_A2_F08_MR
48678	ZM_066_A2_F09	ZM_066_A2_F09_T7C	
48679	ZM_066_A2_F09		ZM_066_A2_F09_MR
48680	ZM_066_A2_F10	ZM_066_A2_F10_T7C	
48681	ZM_066_A2_F10		ZM_066_A2_F10_MR
48682	ZM_066_A2_F11		ZM_066_A2_F11_MR
48683	ZM_066_A2_F12	ZM_066_A2_F12_T7C	
48684	ZM_066_A2_F12		ZM_066_A2_F12_MR
48685	ZM_066_A2_G01		ZM_066_A2_G01_MR
48686	ZM_066_A2_G02		ZM_066_A2_G02_MR
48687	ZM_066_A2_G04	ZM_066_A2_G04_T7C	
48688	ZM_066_A2_G04		ZM_066_A2_G04_MR
48689	ZM_066_A2_G05	ZM_066_A2_G05_T7C	
48690	ZM_066_A2_G05		ZM_066_A2_G05_MR
48691	ZM_066_A2_G06		ZM_066_A2_G06_MR
48692	ZM_066_A2_G07	ZM_066_A2_G07_T7C	
48693	ZM_066_A2_G07		ZM_066_A2_G07_MR
48694	ZM_066_A2_G08	ZM_066_A2_G08_T7C	ZM_066_A2_G08
	ZM_066_A2_G08_MR		
48696	ZM_066_A2_G09	ZM_066_A2_G09_T7C	
48697	ZM_066_A2_G09		ZM_066_A2_G09_MR
48698	ZM_066_A2_G10		ZM_066_A2_G10_MR
48699	ZM_066_A2_G11	ZM_066_A2_G11_T7C	
48700	ZM_066_A2_G11		ZM_066_A2_G11_MR
48701	ZM_066_A2_G12	ZM_066_A2_G12_T7C	
48702	ZM_066_A2_G12		ZM_066_A2_G12_MR
48703	ZM_066_A2_H01	ZM_066_A2_H01_T7C	
48704	ZM_066_A2_H01		ZM_066_A2_H01_MR
48705	ZM_066_A2_H02	ZM_066_A2_H02_T7C	
48706	ZM_066_A2_H02		ZM_066_A2_H02_MR
48707	ZM_066_A2_H03	ZM_066_A2_H03_T7C	
48708	ZM_066_A2_H03		ZM_066_A2_H03_MR
48709	ZM_066_A2_H04	ZM_066_A2_H04_T7C	
48710	ZM_066_A2_H04		ZM_066_A2_H04_MR
48711	ZM_066_A2_H05	ZM_066_A2_H05_T7C	
48712	ZM_066_A2_H05		ZM_066_A2_H05_MR
48713	ZM_066_A2_H06	ZM_066_A2_H06_T7C	
48714	ZM_066_A2_H06		ZM_066_A2_H06_MR
48715	ZM_066_A2_H07	ZM_066_A2_H07_T7C	
48716	ZM_066_A2_H07		ZM_066_A2_H07_MR
48717	ZM_066_A2_H08	ZM_066_A2_H08_T7C	
48718	ZM_066_A2_H09	ZM_066_A2_H09_T7C	
48719	ZM_066_A2_H09		ZM_066_A2_H09_MR
48720	ZM_066_A2_H10	ZM_066_A2_H10_T7C	
48721	ZM_066_A2_H10		ZM_066_A2_H10_MR
48722	ZM_066_A2_H11	ZM_066_A2_H11_T7C	
48723	ZM_066_A2_H11		ZM_066_A2_H11_MR
48724	ZM_066_A2_H12	ZM_066_A2_H12_T7C	
48725	ZM_066_A2_H12		ZM_066_A2_H12_MR
48726	ZM_066_B1_A01	ZM_066_B1_A01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48727	ZM_066_B1_A02	ZM_066_B1_A02_T7C	
48728	ZM_066_B1_A03	ZM_066_B1_A03_T7C	
48729	ZM_066_B1_A03		ZM_066_B1_A03_MR
48730	ZM_066_B1_A04	ZM_066_B1_A04_T7C	
48731	ZM_066_B1_A04		ZM_066_B1_A04_MR
48732	ZM_066_B1_A05	ZM_066_B1_A05_T7C	
48733	ZM_066_B1_A07		ZM_066_B1_A07_MR
48734	ZM_066_B1_A08	ZM_066_B1_A08_T7C	
48735	ZM_066_B1_A09	ZM_066_B1_A09_T7C	
48736	ZM_066_B1_A09		ZM_066_B1_A09_MR
48737	ZM_066_B1_A10	ZM_066_B1_A10_T7C	
48738	ZM_066_B1_A10		ZM_066_B1_A10_MR
48739	ZM_066_B1_B01	ZM_066_B1_B01_T7C	
48740	ZM_066_B1_B01		ZM_066_B1_B01_MR
48741	ZM_066_B1_B02	ZM_066_B1_B02_T7C	
48742	ZM_066_B1_B02		ZM_066_B1_B02_MR
48743	ZM_066_B1_B03	ZM_066_B1_B03_T7C	
48744	ZM_066_B1_B03		ZM_066_B1_B03_MR
48745	ZM_066_B1_B05	ZM_066_B1_B05_T7C	
48746	ZM_066_B1_B05		ZM_066_B1_B05_MR
48747	ZM_066_B1_B07	ZM_066_B1_B07_T7C	
48748	ZM_066_B1_B07		ZM_066_B1_B07_MR
48749	ZM_066_B1_B08	ZM_066_B1_B08_T7C	
48750	ZM_066_B1_B08		ZM_066_B1_B08_MR
48751	ZM_066_B1_B09	ZM_066_B1_B09_T7C	
48752	ZM_066_B1_B10	ZM_066_B1_B10_T7C	
48753	ZM_066_B1_B10		ZM_066_B1_B10_MR
48754	ZM_066_B1_B11	ZM_066_B1_B11_T7C	
48755	ZM_066_B1_B11		ZM_066_B1_B11_MR
48756	ZM_066_B1_B12	ZM_066_B1_B12_T7C	
48757	ZM_066_B1_C01	ZM_066_B1_C01_T7C	
48758	ZM_066_B1_C02	ZM_066_B1_C02_T7C	
48759	ZM_066_B1_C02		ZM_066_B1_C02_MR
48760	ZM_066_B1_C03	ZM_066_B1_C03_T7C	
48761	ZM_066_B1_C04	ZM_066_B1_C04_T7C	
48762	ZM_066_B1_C04		ZM_066_B1_C04_MR
48763	ZM_066_B1_C05	ZM_066_B1_C05_T7C	
48764	ZM_066_B1_C05		ZM_066_B1_C05_MR
48765	ZM_066_B1_C06	ZM_066_B1_C06_T7C	
48766	ZM_066_B1_C06		ZM_066_B1_C06_MR
48767	ZM_066_B1_C07	ZM_066_B1_C07_T7C	
48768	ZM_066_B1_C07		ZM_066_B1_C07_MR
48769	ZM_066_B1_C08	ZM_066_B1_C08_T7C	
48770	ZM_066_B1_C08		ZM_066_B1_C08_MR
48771	ZM_066_B1_C10	ZM_066_B1_C10_T7C	
48772	ZM_066_B1_C11	ZM_066_B1_C11_T7C	
48773	ZM_066_B1_C11		ZM_066_B1_C11_MR
48774	ZM_066_B1_C12	ZM_066_B1_C12_T7C	
48775	ZM_066_B1_C12		ZM_066_B1_C12_MR
48776	ZM_066_B1_D01	ZM_066_B1_D01_T7C	
48777	ZM_066_B1_D02	ZM_066_B1_D02_T7C	
48778	ZM_066_B1_D03		ZM_066_B1_D03_MR
48779	ZM_066_B1_D04	ZM_066_B1_D04_T7C	
48780	ZM_066_B1_D04		ZM_066_B1_D04_MR
48781	ZM_066_B1_D05	ZM_066_B1_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48782	ZM_066_B1_D06		ZM_066_B1_D06_MR
48783	ZM_066_B1_D07	ZM_066_B1_D07_T7C	
48784	ZM_066_B1_D08	ZM_066_B1_D08_T7C	
48785	ZM_066_B1_D08		ZM_066_B1_D08_MR
48786	ZM_066_B1_D09	ZM_066_B1_D09_T7C	
48787	ZM_066_B1_D09		ZM_066_B1_D09_MR
48788	ZM_066_B1_D10		ZM_066_B1_D10_MR
48789	ZM_066_B1_D11	ZM_066_B1_D11_T7C	
48790	ZM_066_B1_D11		ZM_066_B1_D11_MR
48791	ZM_066_B1_D12	ZM_066_B1_D12_T7C	
48792	ZM_066_B1_E03	ZM_066_B1_E03_T7C	
48793	ZM_066_B1_E04	ZM_066_B1_E04_T7C	
48794	ZM_066_B1_E04		ZM_066_B1_E04_MR
48795	ZM_066_B1_E05	ZM_066_B1_E05_T7C	
48796	ZM_066_B1_E06	ZM_066_B1_E06_T7C	
48797	ZM_066_B1_E06		ZM_066_B1_E06_MR
48798	ZM_066_B1_E07	ZM_066_B1_E07_T7C	
48799	ZM_066_B1_E07		ZM_066_B1_E07_MR
48800	ZM_066_B1_E08	ZM_066_B1_E08_T7C	
48801	ZM_066_B1_E09	ZM_066_B1_E09_T7C	
48802	ZM_066_B1_E10	ZM_066_B1_E10_T7C	
48803	ZM_066_B1_E10		ZM_066_B1_E10_MR
48804	ZM_066_B1_E11	ZM_066_B1_E11_T7C	
48805	ZM_066_B1_E11		ZM_066_B1_E11_MR
48806	ZM_066_B1_F01	ZM_066_B1_F01_T7C	
48807	ZM_066_B1_F02	ZM_066_B1_F02_T7C	
48808	ZM_066_B1_F03	ZM_066_B1_F03_T7C	
48809	ZM_066_B1_F03		ZM_066_B1_F03_MR
48810	ZM_066_B1_F04	ZM_066_B1_F04_T7C	
48811	ZM_066_B1_F04		ZM_066_B1_F04_MR
48812	ZM_066_B1_F05	ZM_066_B1_F05_T7C	
48813	ZM_066_B1_F07	ZM_066_B1_F07_T7C	
48814	ZM_066_B1_F07		ZM_066_B1_F07_MR
48815	ZM_066_B1_F08	ZM_066_B1_F08_T7C	
48816	ZM_066_B1_F08		ZM_066_B1_F08_MR
48817	ZM_066_B1_F09	ZM_066_B1_F09_T7C	
48818	ZM_066_B1_F09		ZM_066_B1_F09_MR
48819	ZM_066_B1_F10	ZM_066_B1_F10_T7C	
48820	ZM_066_B1_F10		ZM_066_B1_F10_MR
48821	ZM_066_B1_F11	ZM_066_B1_F11_T7C	
48822	ZM_066_B1_F11		ZM_066_B1_F11_MR
48823	ZM_066_B1_F12	ZM_066_B1_F12_T7C	
48824	ZM_066_B1_F12		ZM_066_B1_F12_MR
48825	ZM_066_B1_G01	ZM_066_B1_G01_T7C	
48826	ZM_066_B1_G01		ZM_066_B1_G01_MR
48827	ZM_066_B1_G03		ZM_066_B1_G03_MR
48828	ZM_066_B1_G05	ZM_066_B1_G05_T7C	
48829	ZM_066_B1_G05		ZM_066_B1_G05_MR
48830	ZM_066_B1_G06	ZM_066_B1_G06_T7C	
48831	ZM_066_B1_G06		ZM_066_B1_G06_MR
48832	ZM_066_B1_G07	ZM_066_B1_G07_T7C	
48833	ZM_066_B1_G07		ZM_066_B1_G07_MR
48834	ZM_066_B1_G08	ZM_066_B1_G08_T7C	
48835	ZM_066_B1_G09	ZM_066_B1_G09_T7C	
48836	ZM_066_B1_G09		ZM_066_B1_G09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48837	ZM_066_B1_G10	ZM_066_B1_G10_T7C	
48838	ZM_066_B1_G10		ZM_066_B1_G10_MR
48839	ZM_066_B1_G11	ZM_066_B1_G11_T7C	
48840	ZM_066_B1_G11		ZM_066_B1_G11_MR
48841	ZM_066_B1_G12	ZM_066_B1_G12_T7C	
48842	ZM_066_B1_G12		ZM_066_B1_G12_MR
48843	ZM_066_B1_H01	ZM_066_B1_H01_T7C	
48844	ZM_066_B1_H01		ZM_066_B1_H01_MR
48845	ZM_066_B1_H02	ZM_066_B1_H02_T7C	
48846	ZM_066_B1_H03		ZM_066_B1_H03_MR
48847	ZM_066_B1_H04	ZM_066_B1_H04_T7C	
48848	ZM_066_B1_H04		ZM_066_B1_H04_MR
48849	ZM_066_B1_H05	ZM_066_B1_H05_T7C	
48850	ZM_066_B1_H05		ZM_066_B1_H05_MR
48851	ZM_066_B1_H06	ZM_066_B1_H06_T7C	
48852	ZM_066_B1_H06		ZM_066_B1_H06_MR
48853	ZM_066_B1_H07	ZM_066_B1_H07_T7C	
48854	ZM_066_B1_H07		ZM_066_B1_H07_MR
48855	ZM_066_B1_H08	ZM_066_B1_H08_T7C	
48856	ZM_066_B1_H08		ZM_066_B1_H08_MR
48857	ZM_066_B1_H09	ZM_066_B1_H09_T7C	
48858	ZM_066_B1_H09		ZM_066_B1_H09_MR
48859	ZM_066_B1_H10	ZM_066_B1_H10_T7C	
48860	ZM_066_B1_H10		ZM_066_B1_H10_MR
48861	ZM_066_B1_H11	ZM_066_B1_H11_T7C	
48862	ZM_066_B1_H11		ZM_066_B1_H11_MR
48863	ZM_066_B1_H12	ZM_066_B1_H12_T7C	
48864	ZM_066_B1_H12		ZM_066_B1_H12_MR
48865	ZM_066_B2_A02	ZM_066_B2_A02_T7C	
48866	ZM_066_B2_A03	ZM_066_B2_A03_T7C	
48867	ZM_066_B2_A07	ZM_066_B2_A07_T7C	
48868	ZM_066_B2_A10	ZM_066_B2_A10_T7C	
48869	ZM_066_B2_A11	ZM_066_B2_A11_T7C	
48870	ZM_066_B2_C05	ZM_066_B2_C05_T7C	
48871	ZM_066_B2_C08	ZM_066_B2_C08_T7C	
48872	ZM_066_B2_C12	ZM_066_B2_C12_T7C	
48873	ZM_066_B2_D07	ZM_066_B2_D07_T7C	
48874	ZM_066_B2_D10	ZM_066_B2_D10_T7C	
48875	ZM_066_B2_D11	ZM_066_B2_D11_T7C	
48876	ZM_066_B2_D12	ZM_066_B2_D12_T7C	
48877	ZM_066_B2_E11	ZM_066_B2_E11_T7C	
48878	ZM_066_B2_F04	ZM_066_B2_F04_T7C	
48879	ZM_066_B2_H07	ZM_066_B2_H07_T7C	
48880	ZM_068_A1_A02	ZM_068_A1_A02_T7C	
48881	ZM_068_A1_A02		ZM_068_A1_A02_MR
48882	ZM_068_A1_A03		ZM_068_A1_A03_MR
48883	ZM_068_A1_A04		ZM_068_A1_A04_MR
48884	ZM_068_A1_A05	ZM_068_A1_A05_T7C	
48885	ZM_068_A1_A05		ZM_068_A1_A05_MR
48886	ZM_068_A1_A06		ZM_068_A1_A06_MR
48887	ZM_068_A1_A07		ZM_068_A1_A07_MR
48888	ZM_068_A1_A08		ZM_068_A1_A08_MR
48889	ZM_068_A1_A09		ZM_068_A1_A09_MR
48890	ZM_068_A1_A10	ZM_068_A1_A10_T7C	
48891	ZM_068_A1_A10		ZM_068_A1_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48892	ZM_068_A1_A11		ZM_068_A1_A11_MR
48893	ZM_068_A1_A12		ZM_068_A1_A12_MR
48894	ZM_068_A1_B02	ZM_068_A1_B02_T7C	
48895	ZM_068_A1_B02		ZM_068_A1_B02_MR
48896	ZM_068_A1_B03		ZM_068_A1_B03_MR
48897	ZM_068_A1_B04		ZM_068_A1_B04_MR
48898	ZM_068_A1_B05	ZM_068_A1_B05_T7C	
48899	ZM_068_A1_B05		ZM_068_A1_B05_MR
48900	ZM_068_A1_B06		ZM_068_A1_B06_MR
48901	ZM_068_A1_B07	ZM_068_A1_B07_T7C	
48902	ZM_068_A1_B07		ZM_068_A1_B07_MR
48903	ZM_068_A1_B08		ZM_068_A1_B08_MR
48904	ZM_068_A1_B09		ZM_068_A1_B09_MR
48905	ZM_068_A1_B10	ZM_068_A1_B10_T7C	
48906	ZM_068_A1_B10		ZM_068_A1_B10_MR
48907	ZM_068_A1_B11		ZM_068_A1_B11_MR
48908	ZM_068_A1_B12		ZM_068_A1_B12_MR
48909	ZM_068_A1_C02		ZM_068_A1_C02_MR
48910	ZM_068_A1_C03		ZM_068_A1_C03_MR
48911	ZM_068_A1_C04		ZM_068_A1_C04_MR
48912	ZM_068_A1_C05	ZM_068_A1_C05_T7C	
48913	ZM_068_A1_C05		ZM_068_A1_C05_MR
48914	ZM_068_A1_C06		ZM_068_A1_C06_MR
48915	ZM_068_A1_C07		ZM_068_A1_C07_MR
48916	ZM_068_A1_C08	ZM_068_A1_C08_T7C	
48917	ZM_068_A1_C08		ZM_068_A1_C08_MR
48918	ZM_068_A1_C09		ZM_068_A1_C09_MR
48919	ZM_068_A1_C10	ZM_068_A1_C10_T7C	
48920	ZM_068_A1_C10		ZM_068_A1_C10_MR
48921	ZM_068_A1_C11	ZM_068_A1_C11_T7C	
48922	ZM_068_A1_C11		ZM_068_A1_C11_MR
48923	ZM_068_A1_C12	ZM_068_A1_C12_T7C	
48924	ZM_068_A1_C12		ZM_068_A1_C12_MR
48925	ZM_068_A1_D02		ZM_068_A1_D02_MR
48926	ZM_068_A1_D03		ZM_068_A1_D03_MR
48927	ZM_068_A1_D04		ZM_068_A1_D04_MR
48928	ZM_068_A1_D05	ZM_068_A1_D05_T7C	
48929	ZM_068_A1_D05		ZM_068_A1_D05_MR
48930	ZM_068_A1_D06		ZM_068_A1_D06_MR
48931	ZM_068_A1_D07	ZM_068_A1_D07_T7C	
48932	ZM_068_A1_D07		ZM_068_A1_D07_MR
48933	ZM_068_A1_D08		ZM_068_A1_D08_MR
48934	ZM_068_A1_D09		ZM_068_A1_D09_MR
48935	ZM_068_A1_D10	ZM_068_A1_D10_T7C	
48936	ZM_068_A1_D10		ZM_068_A1_D10_MR
48937	ZM_068_A1_D11	ZM_068_A1_D11_T7C	
48938	ZM_068_A1_D11		ZM_068_A1_D11_MR
48939	ZM_068_A1_D12		ZM_068_A1_D12_MR
48940	ZM_068_A1_E02	ZM_068_A1_E02_T7C	
48941	ZM_068_A1_E02		ZM_068_A1_E02_MR
48942	ZM_068_A1_E03		ZM_068_A1_E03_MR
48943	ZM_068_A1_E04		ZM_068_A1_E04_MR
48944	ZM_068_A1_E05	ZM_068_A1_E05_T7C	
48945	ZM_068_A1_E05		ZM_068_A1_E05_MR
48946	ZM_068_A1_E06	ZM_068_A1_E06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
48947	ZM_068_A1_E06		ZM_068_A1_E06_MR
48948	ZM_068_A1_E07	ZM_068_A1_E07_T7C	
48949	ZM_068_A1_E07		ZM_068_A1_E07_MR
48950	ZM_068_A1_E08		ZM_068_A1_E08_MR
48951	ZM_068_A1_E09		ZM_068_A1_E09_MR
48952	ZM_068_A1_E10	ZM_068_A1_E10_T7C	
48953	ZM_068_A1_E10		ZM_068_A1_E10_MR
48954	ZM_068_A1_E11		ZM_068_A1_E11_MR
48955	ZM_068_A1_E12		ZM_068_A1_E12_MR
48956	ZM_068_A1_F02		ZM_068_A1_F02_MR
48957	ZM_068_A1_F03		ZM_068_A1_F03_MR
48958	ZM_068_A1_F04		ZM_068_A1_F04_MR
48959	ZM_068_A1_F05	ZM_068_A1_F05_T7C	
48960	ZM_068_A1_F05		ZM_068_A1_F05_MR
48961	ZM_068_A1_F06	ZM_068_A1_F06_T7C	
48962	ZM_068_A1_F06		ZM_068_A1_F06_MR
48963	ZM_068_A1_F07		ZM_068_A1_F07_MR
48964	ZM_068_A1_F08		ZM_068_A1_F08_MR
48965	ZM_068_A1_F09		ZM_068_A1_F09_MR
48966	ZM_068_A1_F10	ZM_068_A1_F10_T7C	
48967	ZM_068_A1_F10		ZM_068_A1_F10_MR
48968	ZM_068_A1_F11		ZM_068_A1_F11_MR
48969	ZM_068_A1_F12		ZM_068_A1_F12_MR
48970	ZM_068_A1_G01		ZM_068_A1_G01_MR
48971	ZM_068_A1_G02		ZM_068_A1_G02_MR
48972	ZM_068_A1_G03		ZM_068_A1_G03_MR
48973	ZM_068_A1_G04	ZM_068_A1_G04_T7C	
48974	ZM_068_A1_G04		ZM_068_A1_G04_MR
48975	ZM_068_A1_G05	ZM_068_A1_G05_T7C	
48976	ZM_068_A1_G05		ZM_068_A1_G05_MR
48977	ZM_068_A1_G06		ZM_068_A1_G06_MR
48978	ZM_068_A1_G07		ZM_068_A1_G07_MR
48979	ZM_068_A1_G08	ZM_068_A1_G08_T7C	
48980	ZM_068_A1_G08		ZM_068_A1_G08_MR
48981	ZM_068_A1_G09	ZM_068_A1_G09_T7C	
48982	ZM_068_A1_G09		ZM_068_A1_G09_MR
48983	ZM_068_A1_G10	ZM_068_A1_G10_T7C	
48984	ZM_068_A1_G10		ZM_068_A1_G10_MR
48985	ZM_068_A1_G11		ZM_068_A1_G11_MR
48986	ZM_068_A1_G12	ZM_068_A1_G12_T7C	
48987	ZM_068_A1_G12		ZM_068_A1_G12_MR
48988	ZM_068_A1_H02		ZM_068_A1_H02_MR
48989	ZM_068_A1_H03		ZM_068_A1_H03_MR
48990	ZM_068_A1_H04	ZM_068_A1_H04_T7C	
48991	ZM_068_A1_H04		ZM_068_A1_H04_MR
48992	ZM_068_A1_H05	ZM_068_A1_H05_T7C	
48993	ZM_068_A1_H05		ZM_068_A1_H05_MR
48994	ZM_068_A1_H06		ZM_068_A1_H06_MR
48995	ZM_068_A1_H07		ZM_068_A1_H07_MR
48996	ZM_068_A1_H08		ZM_068_A1_H08_MR
48997	ZM_068_A1_H09		ZM_068_A1_H09_MR
48998	ZM_068_A1_H10	ZM_068_A1_H10_T7C	
48999	ZM_068_A1_H10		ZM_068_A1_H10_MR
49000	ZM_068_A1_H11		ZM_068_A1_H11_MR
49001	ZM_068_A1_H12	ZM_068_A1_H12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49002	ZM_068_A1_H12		ZM_068_A1_H12_MR
49003	ZM_068_A2_A01	ZM_068_A2_A01_T7C	
49004	ZM_068_A2_A01		ZM_068_A2_A01_MR
49005	ZM_068_A2_A02	ZM_068_A2_A02_T7C	
49006	ZM_068_A2_A02		ZM_068_A2_A02_MR
49007	ZM_068_A2_A03	ZM_068_A2_A03_T7C	
49008	ZM_068_A2_A03		ZM_068_A2_A03_MR
49009	ZM_068_A2_A04	ZM_068_A2_A04_T7C	
49010	ZM_068_A2_A04		ZM_068_A2_A04_MR
49011	ZM_068_A2_A05	ZM_068_A2_A05_T7C	
49012	ZM_068_A2_A05		ZM_068_A2_A05_MR
49013	ZM_068_A2_A06	ZM_068_A2_A06_T7C	
49014	ZM_068_A2_A06		ZM_068_A2_A06_MR
49015	ZM_068_A2_A07	ZM_068_A2_A07_T7C	
49016	ZM_068_A2_A07		ZM_068_A2_A07_MR
49017	ZM_068_A2_A08	ZM_068_A2_A08_T7C	
49018	ZM_068_A2_A08		ZM_068_A2_A08_MR
49019	ZM_068_A2_A09	ZM_068_A2_A09_T7C	
49020	ZM_068_A2_A09		ZM_068_A2_A09_MR
49021	ZM_068_A2_A10	ZM_068_A2_A10_T7C	
49022	ZM_068_A2_A10		ZM_068_A2_A10_MR
49023	ZM_068_A2_A11	ZM_068_A2_A11_T7C	
49024	ZM_068_A2_A11		ZM_068_A2_A11_MR
49025	ZM_068_A2_A12	ZM_068_A2_A12_T7C	
49026	ZM_068_A2_A12		ZM_068_A2_A12_MR
49027	ZM_068_A2_B01	ZM_068_A2_B01_T7C	
49028	ZM_068_A2_B01		ZM_068_A2_B01_MR
49029	ZM_068_A2_B02	ZM_068_A2_B02_T7C	
49030	ZM_068_A2_B02		ZM_068_A2_B02_MR
49031	ZM_068_A2_B04	ZM_068_A2_B04_T7C	
49032	ZM_068_A2_B04		ZM_068_A2_B04_MR
49033	ZM_068_A2_B05	ZM_068_A2_B05_T7C	
49034	ZM_068_A2_B07	ZM_068_A2_B07_T7C	
49035	ZM_068_A2_B07		ZM_068_A2_B07_MR
49036	ZM_068_A2_B08	ZM_068_A2_B08_T7C	
49037	ZM_068_A2_B08		ZM_068_A2_B08_MR
49038	ZM_068_A2_B09		ZM_068_A2_B09_MR
49039	ZM_068_A2_B10	ZM_068_A2_B10_T7C	
49040	ZM_068_A2_B10		ZM_068_A2_B10_MR
49041	ZM_068_A2_B11		ZM_068_A2_B11_MR
49042	ZM_068_A2_B12	ZM_068_A2_B12_T7C	
49043	ZM_068_A2_B12		ZM_068_A2_B12_MR
49044	ZM_068_A2_C01	ZM_068_A2_C01_T7C	
49045	ZM_068_A2_C01		ZM_068_A2_C01_MR
49046	ZM_068_A2_C02	ZM_068_A2_C02_T7C	
49047	ZM_068_A2_C03	ZM_068_A2_C03_T7C	
49048	ZM_068_A2_C03		ZM_068_A2_C03_MR
49049	ZM_068_A2_C04		ZM_068_A2_C04_MR
49050	ZM_068_A2_C05		ZM_068_A2_C05_MR
49051	ZM_068_A2_C07	ZM_068_A2_C07_T7C	
49052	ZM_068_A2_C07		ZM_068_A2_C07_MR
49053	ZM_068_A2_C08	ZM_068_A2_C08_T7C	
49054	ZM_068_A2_C08		ZM_068_A2_C08_MR
49055	ZM_068_A2_C09		ZM_068_A2_C09_MR
49056	ZM_068_A2_C10	ZM_068_A2_C10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49057	ZM_068_A2_C10		ZM_068_A2_C10_MR
49058	ZM_068_A2_C11		ZM_068_A2_C11_MR
49059	ZM_068_A2_C12	ZM_068_A2_C12_T7C	
49060	ZM_068_A2_C12		ZM_068_A2_C12_MR
49061	ZM_068_A2_D01	ZM_068_A2_D01_T7C	
49062	ZM_068_A2_D01		ZM_068_A2_D01_MR
49063	ZM_068_A2_D02	ZM_068_A2_D02_T7C	
49064	ZM_068_A2_D02		ZM_068_A2_D02_MR
49065	ZM_068_A2_D03	ZM_068_A2_D03_T7C	
49066	ZM_068_A2_D03		ZM_068_A2_D03_MR
49067	ZM_068_A2_D04	ZM_068_A2_D04_T7C	
49068	ZM_068_A2_D04		ZM_068_A2_D04_MR
49069	ZM_068_A2_D05		ZM_068_A2_D05_MR
49070	ZM_068_A2_D06		ZM_068_A2_D06_MR
49071	ZM_068_A2_D07		ZM_068_A2_D07_MR
49072	ZM_068_A2_D08	ZM_068_A2_D08_T7C	
49073	ZM_068_A2_D08		ZM_068_A2_D08_MR
49074	ZM_068_A2_D09		ZM_068_A2_D09_MR
49075	ZM_068_A2_D10		ZM_068_A2_D10_MR
49076	ZM_068_A2_D11		ZM_068_A2_D11_MR
49077	ZM_068_A2_D12	ZM_068_A2_D12_T7C	
49078	ZM_068_A2_D12		ZM_068_A2_D12_MR
49079	ZM_068_A2_E01	ZM_068_A2_E01_T7C	
49080	ZM_068_A2_E01		ZM_068_A2_E01_MR
49081	ZM_068_A2_E02	ZM_068_A2_E02_T7C	
49082	ZM_068_A2_E02		ZM_068_A2_E02_MR
49083	ZM_068_A2_E03	ZM_068_A2_E03_T7C	
49084	ZM_068_A2_E04	ZM_068_A2_E04_T7C	
49085	ZM_068_A2_E04		ZM_068_A2_E04_MR
49086	ZM_068_A2_E05	ZM_068_A2_E05_T7C	
49087	ZM_068_A2_E05		ZM_068_A2_E05_MR
49088	ZM_068_A2_E06	ZM_068_A2_E06_T7C	
49089	ZM_068_A2_E06		ZM_068_A2_E06_MR
49090	ZM_068_A2_E07	ZM_068_A2_E07_T7C	
49091	ZM_068_A2_E07		ZM_068_A2_E07_MR
49092	ZM_068_A2_E08	ZM_068_A2_E08_T7C	
49093	ZM_068_A2_E08		ZM_068_A2_E08_MR
49094	ZM_068_A2_E09	ZM_068_A2_E09_T7C	
49095	ZM_068_A2_E09		ZM_068_A2_E09_MR
49096	ZM_068_A2_E10	ZM_068_A2_E10_T7C	
49097	ZM_068_A2_E10		ZM_068_A2_E10_MR
49098	ZM_068_A2_E11	ZM_068_A2_E11_T7C	
49099	ZM_068_A2_E11		ZM_068_A2_E11_MR
49100	ZM_068_A2_E12	ZM_068_A2_E12_T7C	
49101	ZM_068_A2_E12		ZM_068_A2_E12_MR
49102	ZM_068_A2_F01	ZM_068_A2_F01_T7C	
49103	ZM_068_A2_F01		ZM_068_A2_F01_MR
49104	ZM_068_A2_F02		ZM_068_A2_F02_MR
49105	ZM_068_A2_F03	ZM_068_A2_F03_T7C	
49106	ZM_068_A2_F04	ZM_068_A2_F04_T7C	
49107	ZM_068_A2_F04		ZM_068_A2_F04_MR
49108	ZM_068_A2_F05		ZM_068_A2_F05_MR
49109	ZM_068_A2_F06	ZM_068_A2_F06_T7C	
49110	ZM_068_A2_F07	ZM_068_A2_F07_T7C	
49111	ZM_068_A2_F07		ZM_068_A2_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49112	ZM_068_A2_F08	ZM_068_A2_F08_T7C	
49113	ZM_068_A2_F08		ZM_068_A2_F08_MR
49114	ZM_068_A2_F09		ZM_068_A2_F09_MR
49115	ZM_068_A2_F10	ZM_068_A2_F10_T7C	
49116	ZM_068_A2_F10		ZM_068_A2_F10_MR
49117	ZM_068_A2_F11	ZM_068_A2_F11_T7C	
49118	ZM_068_A2_F11		ZM_068_A2_F11_MR
49119	ZM_068_A2_F12	ZM_068_A2_F12_T7C	
49120	ZM_068_A2_F12		ZM_068_A2_F12_MR
49121	ZM_068_A2_G01	ZM_068_A2_G01_T7C	
49122	ZM_068_A2_G01		ZM_068_A2_G01_MR
49123	ZM_068_A2_G02	ZM_068_A2_G02_T7C	
49124	ZM_068_A2_G02		ZM_068_A2_G02_MR
49125	ZM_068_A2_G03	ZM_068_A2_G03_T7C	
49126	ZM_068_A2_G04	ZM_068_A2_G04_T7C	
49127	ZM_068_A2_G04		ZM_068_A2_G04_MR
49128	ZM_068_A2_G06	ZM_068_A2_G06_T7C	
49129	ZM_068_A2_G06		ZM_068_A2_G06_MR
49130	ZM_068_A2_G07	ZM_068_A2_G07_T7C	
49131	ZM_068_A2_G07		ZM_068_A2_G07_MR
49132	ZM_068_A2_G09	ZM_068_A2_G09_T7C	
49133	ZM_068_A2_G09		ZM_068_A2_G09_MR
49134	ZM_068_A2_G10	ZM_068_A2_G10_T7C	
49135	ZM_068_A2_G10		ZM_068_A2_G10_MR
49136	ZM_068_A2_G11	ZM_068_A2_G11_T7C	
49137	ZM_068_A2_G11		ZM_068_A2_G11_MR
49138	ZM_068_A2_G12	ZM_068_A2_G12_T7C	
49139	ZM_068_A2_H01	ZM_068_A2_H01_T7C	
49140	ZM_068_A2_H01		ZM_068_A2_H01_MR
49141	ZM_068_A2_H02	ZM_068_A2_H02_T7C	
49142	ZM_068_A2_H02		ZM_068_A2_H02_MR
49143	ZM_068_A2_H03	ZM_068_A2_H03_T7C	
49144	ZM_068_A2_H03		ZM_068_A2_H03_MR
49145	ZM_068_A2_H04	ZM_068_A2_H04_T7C	
49146	ZM_068_A2_H04		ZM_068_A2_H04_MR
49147	ZM_068_A2_H05		ZM_068_A2_H05_MR
49148	ZM_068_A2_H06	ZM_068_A2_H06_T7C	
49149	ZM_068_A2_H06		ZM_068_A2_H06_MR
49150	ZM_068_A2_H07	ZM_068_A2_H07_T7C	
49151	ZM_068_A2_H07		ZM_068_A2_H07_MR
49152	ZM_068_A2_H08		ZM_068_A2_H08_MR
49153	ZM_068_A2_H10	ZM_068_A2_H10_T7C	
49154	ZM_068_A2_H10		ZM_068_A2_H10_MR
49155	ZM_068_A2_H11		ZM_068_A2_H11_MR
49156	ZM_068_A2_H12	ZM_068_A2_H12_T7C	
49157	ZM_069_A1_A01	ZM_069_A1_A01_T7C	
49158	ZM_069_A1_A02	ZM_069_A1_A02_T7C	
49159	ZM_069_A1_A03	ZM_069_A1_A03_T7C	
49160	ZM_069_A1_A03		ZM_069_A1_A03_MR
49161	ZM_069_A1_A04		ZM_069_A1_A04_MR
49162	ZM_069_A1_A05	ZM_069_A1_A05_T7C	
49163	ZM_069_A1_A05		ZM_069_A1_A05_MR
49164	ZM_069_A1_A06		ZM_069_A1_A06_MR
49165	ZM_069_A1_A07		ZM_069_A1_A07_MR
49166	ZM_069_A1_A08	ZM_069_A1_A08_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49167	ZM_069_A1_A08		ZM_069_A1_A08_MR
49168	ZM_069_A1_A09	ZM_069_A1_A09_T7C	
49169	ZM_069_A1_A10	ZM_069_A1_A10_T7C	
49170	ZM_069_A1_A10		ZM_069_A1_A10_MR
49171	ZM_069_A1_A11		ZM_069_A1_A11_MR
49172	ZM_069_A1_A12	ZM_069_A1_A12_T7C	
49173	ZM_069_A1_A12		ZM_069_A1_A12_MR
49174	ZM_069_A1_B01	ZM_069_A1_B01_T7C	
49175	ZM_069_A1_B01		ZM_069_A1_B01_MR
49176	ZM_069_A1_B02	ZM_069_A1_B02_T7C	
49177	ZM_069_A1_B02		ZM_069_A1_B02_MR
49178	ZM_069_A1_B03	ZM_069_A1_B03_T7C	
49179	ZM_069_A1_B03		ZM_069_A1_B03_MR
49180	ZM_069_A1_B04	ZM_069_A1_B04_T7C	
49181	ZM_069_A1_B04		ZM_069_A1_B04_MR
49182	ZM_069_A1_B05	ZM_069_A1_B05_T7C	
49183	ZM_069_A1_B05		ZM_069_A1_B05_MR
49184	ZM_069_A1_B06	ZM_069_A1_B06_T7C	
49185	ZM_069_A1_B06		ZM_069_A1_B06_MR
49186	ZM_069_A1_B07	ZM_069_A1_B07_T7C	
49187	ZM_069_A1_B07		ZM_069_A1_B07_MR
49188	ZM_069_A1_B09	ZM_069_A1_B09_T7C	
49189	ZM_069_A1_B09		ZM_069_A1_B09_MR
49190	ZM_069_A1_B10	ZM_069_A1_B10_T7C	
49191	ZM_069_A1_B10		ZM_069_A1_B10_MR
49192	ZM_069_A1_B11	ZM_069_A1_B11_T7C	
49193	ZM_069_A1_B11		ZM_069_A1_B11_MR
49194	ZM_069_A1_B12		ZM_069_A1_B12_MR
49195	ZM_069_A1_C01		ZM_069_A1_C01_MR
49196	ZM_069_A1_C02	ZM_069_A1_C02_T7C	
49197	ZM_069_A1_C02		ZM_069_A1_C02_MR
49198	ZM_069_A1_C03	ZM_069_A1_C03_T7C	
49199	ZM_069_A1_C03		ZM_069_A1_C03_MR
49200	ZM_069_A1_C04	ZM_069_A1_C04_T7C	
49201	ZM_069_A1_C04		ZM_069_A1_C04_MR
49202	ZM_069_A1_C05	ZM_069_A1_C05_T7C	
49203	ZM_069_A1_C05		ZM_069_A1_C05_MR
49204	ZM_069_A1_C06	ZM_069_A1_C06_T7C	
49205	ZM_069_A1_C06		ZM_069_A1_C06_MR
49206	ZM_069_A1_C07	ZM_069_A1_C07_T7C	
49207	ZM_069_A1_C07		ZM_069_A1_C07_MR
49208	ZM_069_A1_C08		ZM_069_A1_C08_MR
49209	ZM_069_A1_C09	ZM_069_A1_C09_T7C	
49210	ZM_069_A1_C09		ZM_069_A1_C09_MR
49211	ZM_069_A1_C10	ZM_069_A1_C10_T7C	
49212	ZM_069_A1_C10		ZM_069_A1_C10_MR
49213	ZM_069_A1_C11	ZM_069_A1_C11_T7C	
49214	ZM_069_A1_C11		ZM_069_A1_C11_MR
49215	ZM_069_A1_C12	ZM_069_A1_C12_T7C	
49216	ZM_069_A1_C12		ZM_069_A1_C12_MR
49217	ZM_069_A1_D01	ZM_069_A1_D01_T7C	
49218	ZM_069_A1_D01		ZM_069_A1_D01_MR
49219	ZM_069_A1_D02	ZM_069_A1_D02_T7C	
49220	ZM_069_A1_D02		ZM_069_A1_D02_MR
49221	ZM_069_A1_D03	ZM_069_A1_D03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49222	ZM_069_A1_D03		ZM_069_A1_D03_MR
49223	ZM_069_A1_D04	ZM_069_A1_D04_T7C	
49224	ZM_069_A1_D04		ZM_069_A1_D04_MR
49225	ZM_069_A1_D05	ZM_069_A1_D05_T7C	
49226	ZM_069_A1_D05		ZM_069_A1_D05_MR
49227	ZM_069_A1_D06	ZM_069_A1_D06_T7C	
49228	ZM_069_A1_D06		ZM_069_A1_D06_MR
49229	ZM_069_A1_D07	ZM_069_A1_D07_T7C	
49230	ZM_069_A1_D07		ZM_069_A1_D07_MR
49231	ZM_069_A1_D08	ZM_069_A1_D08_T7C	
49232	ZM_069_A1_D08		ZM_069_A1_D08_MR
49233	ZM_069_A1_D09	ZM_069_A1_D09_T7C	
49234	ZM_069_A1_D09		ZM_069_A1_D09_MR
49235	ZM_069_A1_D10	ZM_069_A1_D10_T7C	
49236	ZM_069_A1_D10		ZM_069_A1_D10_MR
49237	ZM_069_A1_D11	ZM_069_A1_D11_T7C	
49238	ZM_069_A1_D11		ZM_069_A1_D11_MR
49239	ZM_069_A1_D12	ZM_069_A1_D12_T7C	
49240	ZM_069_A1_D12		ZM_069_A1_D12_MR
49241	ZM_069_A1_E01	ZM_069_A1_E01_T7C	
49242	ZM_069_A1_E01		ZM_069_A1_E01_MR
49243	ZM_069_A1_E02	ZM_069_A1_E02_T7C	
49244	ZM_069_A1_E02		ZM_069_A1_E02_MR
49245	ZM_069_A1_E03	ZM_069_A1_E03_T7C	
49246	ZM_069_A1_E03		ZM_069_A1_E03_MR
49247	ZM_069_A1_E04	ZM_069_A1_E04_T7C	
49248	ZM_069_A1_E04		ZM_069_A1_E04_MR
49249	ZM_069_A1_E05	ZM_069_A1_E05_T7C	
49250	ZM_069_A1_E05		ZM_069_A1_E05_MR
49251	ZM_069_A1_E07	ZM_069_A1_E07_T7C	
49252	ZM_069_A1_E07		ZM_069_A1_E07_MR
49253	ZM_069_A1_E08	ZM_069_A1_E08_T7C	
49254	ZM_069_A1_E08		ZM_069_A1_E08_MR
49255	ZM_069_A1_E09	ZM_069_A1_E09_T7C	
49256	ZM_069_A1_E09		ZM_069_A1_E09_MR
49257	ZM_069_A1_E10	ZM_069_A1_E10_T7C	
49258	ZM_069_A1_E10		ZM_069_A1_E10_MR
49259	ZM_069_A1_E11	ZM_069_A1_E11_T7C	
49260	ZM_069_A1_E11		ZM_069_A1_E11_MR
49261	ZM_069_A1_E12	ZM_069_A1_E12_T7C	
49262	ZM_069_A1_E12		ZM_069_A1_E12_MR
49263	ZM_069_A1_F01	ZM_069_A1_F01_T7C	
49264	ZM_069_A1_F01		ZM_069_A1_F01_MR
49265	ZM_069_A1_F02	ZM_069_A1_F02_T7C	
49266	ZM_069_A1_F02		ZM_069_A1_F02_MR
49267	ZM_069_A1_F03	ZM_069_A1_F03_T7C	
49268	ZM_069_A1_F03		ZM_069_A1_F03_MR
49269	ZM_069_A1_F04	ZM_069_A1_F04_T7C	
49270	ZM_069_A1_F04		ZM_069_A1_F04_MR
49271	ZM_069_A1_F05	ZM_069_A1_F05_T7C	
49272	ZM_069_A1_F05		ZM_069_A1_F05_MR
49273	ZM_069_A1_F06	ZM_069_A1_F06_T7C	
49274	ZM_069_A1_F06		ZM_069_A1_F06_MR
49275	ZM_069_A1_F07	ZM_069_A1_F07_T7C	
49276	ZM_069_A1_F07		ZM_069_A1_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49277	ZM_069_A1_F08	ZM_069_A1_F08_T7C	
49278	ZM_069_A1_F08		ZM_069_A1_F08_MR
49279	ZM_069_A1_F09	ZM_069_A1_F09_T7C	
49280	ZM_069_A1_F09		ZM_069_A1_F09_MR
49281	ZM_069_A1_F10	ZM_069_A1_F10_T7C	
49282	ZM_069_A1_F10		ZM_069_A1_F10_MR
49283	ZM_069_A1_F11	ZM_069_A1_F11_T7C	
49284	ZM_069_A1_F11		ZM_069_A1_F11_MR
49285	ZM_069_A1_F12	ZM_069_A1_F12_T7C	
49286	ZM_069_A1_F12		ZM_069_A1_F12_MR
49287	ZM_069_A1_G01	ZM_069_A1_G01_T7C	
49288	ZM_069_A1_G01		ZM_069_A1_G01_MR
49289	ZM_069_A1_G02	ZM_069_A1_G02_T7C	
49290	ZM_069_A1_G02		ZM_069_A1_G02_MR
49291	ZM_069_A1_G04		ZM_069_A1_G04_MR
49292	ZM_069_A1_G05	ZM_069_A1_G05_T7C	
49293	ZM_069_A1_G05		ZM_069_A1_G05_MR
49294	ZM_069_A1_G06	ZM_069_A1_G06_T7C	
49295	ZM_069_A1_G06		ZM_069_A1_G06_MR
49296	ZM_069_A1_G07	ZM_069_A1_G07_T7C	
49297	ZM_069_A1_G07		ZM_069_A1_G07_MR
49298	ZM_069_A1_G08	ZM_069_A1_G08_T7C	
49299	ZM_069_A1_G08		ZM_069_A1_G08_MR
49300	ZM_069_A1_G09	ZM_069_A1_G09_T7C	
49301	ZM_069_A1_G09		ZM_069_A1_G09_MR
49302	ZM_069_A1_G10	ZM_069_A1_G10_T7C	
49303	ZM_069_A1_G10		ZM_069_A1_G10_MR
49304	ZM_069_A1_G11		ZM_069_A1_G11_MR
49305	ZM_069_A1_H01	ZM_069_A1_H01_T7C	
49306	ZM_069_A1_H02	ZM_069_A1_H02_T7C	
49307	ZM_069_A1_H02		ZM_069_A1_H02_MR
49308	ZM_069_A1_H03	ZM_069_A1_H03_T7C	
49309	ZM_069_A1_H03		ZM_069_A1_H03_MR
49310	ZM_069_A1_H04	ZM_069_A1_H04_T7C	
49311	ZM_069_A1_H04		ZM_069_A1_H04_MR
49312	ZM_069_A1_H05	ZM_069_A1_H05_T7C	
49313	ZM_069_A1_H05		ZM_069_A1_H05_MR
49314	ZM_069_A1_H06	ZM_069_A1_H06_T7C	
49315	ZM_069_A1_H06		ZM_069_A1_H06_MR
49316	ZM_069_A1_H07		ZM_069_A1_H07_MR
49317	ZM_069_A1_H08	ZM_069_A1_H08_T7C	
49318	ZM_069_A1_H08		ZM_069_A1_H08_MR
49319	ZM_069_A1_H09		ZM_069_A1_H09_MR
49320	ZM_069_A1_H10	ZM_069_A1_H10_T7C	
49321	ZM_069_A1_H10		ZM_069_A1_H10_MR
49322	ZM_069_A1_H11	ZM_069_A1_H11_T7C	
49323	ZM_069_A1_H11		ZM_069_A1_H11_MR
49324	ZM_069_A1_H12	ZM_069_A1_H12_T7C	
49325	ZM_069_A2_A01	ZM_069_A2_A01_T7C	
49326	ZM_069_A2_A01		ZM_069_A2_A01_MR
49327	ZM_069_A2_A02	ZM_069_A2_A02_T7C	
49328	ZM_069_A2_A03	ZM_069_A2_A03_T7C	
49329	ZM_069_A2_A03		ZM_069_A2_A03_MR
49330	ZM_069_A2_A04	ZM_069_A2_A04_T7C	
49331	ZM_069_A2_A04		ZM_069_A2_A04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49332	ZM_069_A2_A05	ZM_069_A2_A05_T7C	
49333	ZM_069_A2_A05		ZM_069_A2_A05_MR
49334	ZM_069_A2_A06	ZM_069_A2_A06_T7C	
49335	ZM_069_A2_A06		ZM_069_A2_A06_MR
49336	ZM_069_A2_A07		ZM_069_A2_A07_MR
49337	ZM_069_A2_A08	ZM_069_A2_A08_T7C	
49338	ZM_069_A2_A08		ZM_069_A2_A08_MR
49339	ZM_069_A2_A09	ZM_069_A2_A09_T7C	
49340	ZM_069_A2_A09		ZM_069_A2_A09_MR
49341	ZM_069_A2_A10	ZM_069_A2_A10_T7C	
49342	ZM_069_A2_A10		ZM_069_A2_A10_MR
49343	ZM_069_A2_A11		ZM_069_A2_A11_MR
49344	ZM_069_A2_A12	ZM_069_A2_A12_T7C	
49345	ZM_069_A2_A12		ZM_069_A2_A12_MR
49346	ZM_069_A2_B01	ZM_069_A2_B01_T7C	
49347	ZM_069_A2_B01		ZM_069_A2_B01_MR
49348	ZM_069_A2_B02	ZM_069_A2_B02_T7C	
49349	ZM_069_A2_B02		ZM_069_A2_B02_MR
49350	ZM_069_A2_B04	ZM_069_A2_B04_T7C	
49351	ZM_069_A2_B04		ZM_069_A2_B04_MR
49352	ZM_069_A2_B05		ZM_069_A2_B05_MR
49353	ZM_069_A2_B06	ZM_069_A2_B06_T7C	
49354	ZM_069_A2_B06		ZM_069_A2_B06_MR
49355	ZM_069_A2_B07		ZM_069_A2_B07_MR
49356	ZM_069_A2_B08	ZM_069_A2_B08_T7C	
49357	ZM_069_A2_B08		ZM_069_A2_B08_MR
49358	ZM_069_A2_B09	ZM_069_A2_B09_T7C	
49359	ZM_069_A2_B10	ZM_069_A2_B10_T7C	
49360	ZM_069_A2_B10		ZM_069_A2_B10_MR
49361	ZM_069_A2_B11	ZM_069_A2_B11_T7C	
49362	ZM_069_A2_B11		ZM_069_A2_B11_MR
49363	ZM_069_A2_B12	ZM_069_A2_B12_T7C	
49364	ZM_069_A2_B12		ZM_069_A2_B12_MR
49365	ZM_069_A2_C01	ZM_069_A2_C01_T7C	
49366	ZM_069_A2_C01		ZM_069_A2_C01_MR
49367	ZM_069_A2_C02	ZM_069_A2_C02_T7C	
49368	ZM_069_A2_C02		ZM_069_A2_C02_MR
49369	ZM_069_A2_C04	ZM_069_A2_C04_T7C	
49370	ZM_069_A2_C05		ZM_069_A2_C05_MR
49371	ZM_069_A2_C06	ZM_069_A2_C06_T7C	
49372	ZM_069_A2_C07		ZM_069_A2_C07_MR
49373	ZM_069_A2_C08	ZM_069_A2_C08_T7C	
49374	ZM_069_A2_C08		ZM_069_A2_C08_MR
49375	ZM_069_A2_C10	ZM_069_A2_C10_T7C	
49376	ZM_069_A2_C10		ZM_069_A2_C10_MR
49377	ZM_069_A2_C11	ZM_069_A2_C11_T7C	
49378	ZM_069_A2_C11		ZM_069_A2_C11_MR
49379	ZM_069_A2_C12		ZM_069_A2_C12_MR
49380	ZM_069_A2_D01		ZM_069_A2_D01_MR
49381	ZM_069_A2_D02	ZM_069_A2_D02_T7C	
49382	ZM_069_A2_D02		ZM_069_A2_D02_MR
49383	ZM_069_A2_D03	ZM_069_A2_D03_T7C	
49384	ZM_069_A2_D04	ZM_069_A2_D04_T7C	
49385	ZM_069_A2_D04		ZM_069_A2_D04_MR
49386	ZM_069_A2_D05		ZM_069_A2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49387	ZM_069_A2_D06		ZM_069_A2_D06_MR
49388	ZM_069_A2_D07	ZM_069_A2_D07_T7C	
49389	ZM_069_A2_D08	ZM_069_A2_D08_T7C	
49390	ZM_069_A2_D08		ZM_069_A2_D08_MR
49391	ZM_069_A2_D09	ZM_069_A2_D09_T7C	
49392	ZM_069_A2_D09		ZM_069_A2_D09_MR
49393	ZM_069_A2_D10	ZM_069_A2_D10_T7C	
49394	ZM_069_A2_D10		ZM_069_A2_D10_MR
49395	ZM_069_A2_D11	ZM_069_A2_D11_T7C	
49396	ZM_069_A2_D11		ZM_069_A2_D11_MR
49397	ZM_069_A2_D12	ZM_069_A2_D12_T7C	
49398	ZM_069_A2_D12		ZM_069_A2_D12_MR
49399	ZM_069_A2_E01	ZM_069_A2_E01_T7C	
49400	ZM_069_A2_E01		ZM_069_A2_E01_MR
49401	ZM_069_A2_E02	ZM_069_A2_E02_T7C	
49402	ZM_069_A2_E02		ZM_069_A2_E02_MR
49403	ZM_069_A2_E03	ZM_069_A2_E03_T7C	
49404	ZM_069_A2_E03		ZM_069_A2_E03_MR
49405	ZM_069_A2_E04	ZM_069_A2_E04_T7C	
49406	ZM_069_A2_E04		ZM_069_A2_E04_MR
49407	ZM_069_A2_E05		ZM_069_A2_E05_MR
49408	ZM_069_A2_E06	ZM_069_A2_E06_T7C	
49409	ZM_069_A2_E06		ZM_069_A2_E06_MR
49410	ZM_069_A2_E07		ZM_069_A2_E07_MR
49411	ZM_069_A2_E08	ZM_069_A2_E08_T7C	
49412	ZM_069_A2_E08		ZM_069_A2_E08_MR
49413	ZM_069_A2_E09	ZM_069_A2_E09_T7C	
49414	ZM_069_A2_E09		ZM_069_A2_E09_MR
49415	ZM_069_A2_E10	ZM_069_A2_E10_T7C	
49416	ZM_069_A2_E10		ZM_069_A2_E10_MR
49417	ZM_069_A2_E11	ZM_069_A2_E11_T7C	
49418	ZM_069_A2_E11		ZM_069_A2_E11_MR
49419	ZM_069_A2_E12	ZM_069_A2_E12_T7C	
49420	ZM_069_A2_E12		ZM_069_A2_E12_MR
49421	ZM_069_A2_F01	ZM_069_A2_F01_T7C	
49422	ZM_069_A2_F01		ZM_069_A2_F01_MR
49423	ZM_069_A2_F02		ZM_069_A2_F02_MR
49424	ZM_069_A2_F03	ZM_069_A2_F03_T7C	
49425	ZM_069_A2_F03		ZM_069_A2_F03_MR
49426	ZM_069_A2_F04	ZM_069_A2_F04_T7C	
49427	ZM_069_A2_F04		ZM_069_A2_F04_MR
49428	ZM_069_A2_F05		ZM_069_A2_F05_MR
49429	ZM_069_A2_F06	ZM_069_A2_F06_T7C	
49430	ZM_069_A2_F06		ZM_069_A2_F06_MR
49431	ZM_069_A2_F07		ZM_069_A2_F07_MR
49432	ZM_069_A2_F09	ZM_069_A2_F09_T7C	
49433	ZM_069_A2_F09		ZM_069_A2_F09_MR
49434	ZM_069_A2_F10	ZM_069_A2_F10_T7C	
49435	ZM_069_A2_F10		ZM_069_A2_F10_MR
49436	ZM_069_A2_F11	ZM_069_A2_F11_T7C	
49437	ZM_069_A2_F11		ZM_069_A2_F11_MR
49438	ZM_069_A2_F12	ZM_069_A2_F12_T7C	
49439	ZM_069_A2_F12		ZM_069_A2_F12_MR
49440	ZM_069_A2_G01	ZM_069_A2_G01_T7C	
49441	ZM_069_A2_G01		ZM_069_A2_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49442	ZM_069_A2_G02	ZM_069_A2_G02_T7C	ZM_069_A2_G02_MR
49443	ZM_069_A2_G02		
49444	ZM_069_A2_G04	ZM_069_A2_G04_T7C	ZM_069_A2_G04_MR
49445	ZM_069_A2_G04		
49446	ZM_069_A2_G05	ZM_069_A2_G05_T7C	ZM_069_A2_G05_MR
49447	ZM_069_A2_G05		
49448	ZM_069_A2_G06	ZM_069_A2_G06_T7C	ZM_069_A2_G06_MR
49449	ZM_069_A2_G06		
49450	ZM_069_A2_G07	ZM_069_A2_G07_T7C	ZM_069_A2_G07_MR
49451	ZM_069_A2_G07		
49452	ZM_069_A2_G08	ZM_069_A2_G08_T7C	ZM_069_A2_G08_MR
49453	ZM_069_A2_G08		
49454	ZM_069_A2_G09	ZM_069_A2_G09_T7C	ZM_069_A2_G09_MR
49455	ZM_069_A2_G09		
49456	ZM_069_A2_G10	ZM_069_A2_G10_T7C	ZM_069_A2_G10_MR
49457	ZM_069_A2_G10		
49458	ZM_069_A2_G11	ZM_069_A2_G11_T7C	ZM_069_A2_G11_MR
49459	ZM_069_A2_G11		
49460	ZM_069_A2_G12	ZM_069_A2_G12_T7C	ZM_069_A2_G12_MR
49461	ZM_069_A2_G12		
49462	ZM_069_A2_H01	ZM_069_A2_H01_T7C	ZM_069_A2_H01_MR
49463	ZM_069_A2_H01		
49464	ZM_069_A2_H02	ZM_069_A2_H02_T7C	ZM_069_A2_H02_MR
49465	ZM_069_A2_H02		
49466	ZM_069_A2_H03		ZM_069_A2_H03_MR
49467	ZM_069_A2_H04	ZM_069_A2_H04_T7C	ZM_069_A2_H04_MR
49468	ZM_069_A2_H04		
49469	ZM_069_A2_H05	ZM_069_A2_H05_T7C	
49470	ZM_069_A2_H06	ZM_069_A2_H06_T7C	ZM_069_A2_H06_MR
49471	ZM_069_A2_H06		
49472	ZM_069_A2_H07	ZM_069_A2_H07_T7C	ZM_069_A2_H07_MR
49473	ZM_069_A2_H07		
49474	ZM_069_A2_H08	ZM_069_A2_H08_T7C	ZM_069_A2_H08_MR
49475	ZM_069_A2_H08		
49476	ZM_069_A2_H09	ZM_069_A2_H09_T7C	
49477	ZM_069_A2_H10	ZM_069_A2_H10_T7C	ZM_069_A2_H10_MR
49478	ZM_069_A2_H10		
49479	ZM_069_A2_H11	ZM_069_A2_H11_T7C	
49480	ZM_069_A2_H12	ZM_069_A2_H12_T7C	ZM_069_A2_H12_MR
49481	ZM_069_A2_H12		
49482	ZM_069_B1_A02	ZM_069_B1_A02_T7C	
49483	ZM_069_B1_A03	ZM_069_B1_A03_T7C	
49484	ZM_069_B1_A04	ZM_069_B1_A04_T7C	ZM_069_B1_A04_MR
49485	ZM_069_B1_A04		
49486	ZM_069_B1_A05	ZM_069_B1_A05_T7C	ZM_069_B1_A05_MR
49487	ZM_069_B1_A05		
49488	ZM_069_B1_A06	ZM_069_B1_A06_T7C	
49489	ZM_069_B1_A08	ZM_069_B1_A08_T7C	ZM_069_B1_A08_MR
49490	ZM_069_B1_A08		
49491	ZM_069_B1_A09	ZM_069_B1_A09_T7C	ZM_069_B1_A09_MR
49492	ZM_069_B1_A09		
49493	ZM_069_B1_A10	ZM_069_B1_A10_T7C	ZM_069_B1_A10_MR
49494	ZM_069_B1_A10		
49495	ZM_069_B1_A11	ZM_069_B1_A11_T7C	ZM_069_B1_A11_MR
49496	ZM_069_B1_A11		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49497	ZM_069_B1_A12	ZM_069_B1_A12_T7C	
49498	ZM_069_B1_A12		ZM_069_B1_A12_MR
49499	ZM_069_B1_B01	ZM_069_B1_B01_T7C	
49500	ZM_069_B1_B01		ZM_069_B1_B01_MR
49501	ZM_069_B1_B02	ZM_069_B1_B02_T7C	
49502	ZM_069_B1_B03	ZM_069_B1_B03_T7C	
49503	ZM_069_B1_B04		ZM_069_B1_B04_MR
49504	ZM_069_B1_B05	ZM_069_B1_B05_T7C	
49505	ZM_069_B1_B05		ZM_069_B1_B05_MR
49506	ZM_069_B1_B06	ZM_069_B1_B06_T7C	
49507	ZM_069_B1_B06		ZM_069_B1_B06_MR
49508	ZM_069_B1_B07	ZM_069_B1_B07_T7C	
49509	ZM_069_B1_B07		ZM_069_B1_B07_MR
49510	ZM_069_B1_B08	ZM_069_B1_B08_T7C	
49511	ZM_069_B1_B10	ZM_069_B1_B10_T7C	
49512	ZM_069_B1_B10		ZM_069_B1_B10_MR
49513	ZM_069_B1_B11	ZM_069_B1_B11_T7C	
49514	ZM_069_B1_B11		ZM_069_B1_B11_MR
49515	ZM_069_B1_B12		ZM_069_B1_B12_MR
49516	ZM_069_B1_C01	ZM_069_B1_C01_T7C	
49517	ZM_069_B1_C01		ZM_069_B1_C01_MR
49518	ZM_069_B1_C02	ZM_069_B1_C02_T7C	
49519	ZM_069_B1_C03		ZM_069_B1_C03_MR
49520	ZM_069_B1_C04	ZM_069_B1_C04_T7C	
49521	ZM_069_B1_C04		ZM_069_B1_C04_MR
49522	ZM_069_B1_C05	ZM_069_B1_C05_T7C	
49523	ZM_069_B1_C05		ZM_069_B1_C05_MR
49524	ZM_069_B1_C06	ZM_069_B1_C06_T7C	
49525	ZM_069_B1_C06		ZM_069_B1_C06_MR
49526	ZM_069_B1_C07	ZM_069_B1_C07_T7C	
49527	ZM_069_B1_C07		ZM_069_B1_C07_MR
49528	ZM_069_B1_C08		ZM_069_B1_C08_MR
49529	ZM_069_B1_C10	ZM_069_B1_C10_T7C	
49530	ZM_069_B1_C10		ZM_069_B1_C10_MR
49531	ZM_069_B1_C11	ZM_069_B1_C11_T7C	
49532	ZM_069_B1_C11		ZM_069_B1_C11_MR
49533	ZM_069_B1_C12	ZM_069_B1_C12_T7C	
49534	ZM_069_B1_C12		ZM_069_B1_C12_MR
49535	ZM_069_B1_D01	ZM_069_B1_D01_T7C	
49536	ZM_069_B1_D01		ZM_069_B1_D01_MR
49537	ZM_069_B1_D02	ZM_069_B1_D02_T7C	
49538	ZM_069_B1_D02		ZM_069_B1_D02_MR
49539	ZM_069_B1_D03	ZM_069_B1_D03_T7C	
49540	ZM_069_B1_D03		ZM_069_B1_D03_MR
49541	ZM_069_B1_D04		ZM_069_B1_D04_MR
49542	ZM_069_B1_D05	ZM_069_B1_D05_T7C	
49543	ZM_069_B1_D05		ZM_069_B1_D05_MR
49544	ZM_069_B1_D06	ZM_069_B1_D06_T7C	
49545	ZM_069_B1_D06		ZM_069_B1_D06_MR
49546	ZM_069_B1_D07	ZM_069_B1_D07_T7C	
49547	ZM_069_B1_D07		ZM_069_B1_D07_MR
49548	ZM_069_B1_D09	ZM_069_B1_D09_T7C	
49549	ZM_069_B1_D10	ZM_069_B1_D10_T7C	
49550	ZM_069_B1_D10		ZM_069_B1_D10_MR
49551	ZM_069_B1_D11	ZM_069_B1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49552	ZM_069_B1_D11		ZM_069_B1_D11_MR
49553	ZM_069_B1_D12	ZM_069_B1_D12_T7C	
49554	ZM_069_B1_D12		ZM_069_B1_D12_MR
49555	ZM_069_B1_E01	ZM_069_B1_E01_T7C	
49556	ZM_069_B1_E01		ZM_069_B1_E01_MR
49557	ZM_069_B1_E02	ZM_069_B1_E02_T7C	
49558	ZM_069_B1_E03		ZM_069_B1_E03_MR
49559	ZM_069_B1_E04	ZM_069_B1_E04_T7C	
49560	ZM_069_B1_E04		ZM_069_B1_E04_MR
49561	ZM_069_B1_E05	ZM_069_B1_E05_T7C	
49562	ZM_069_B1_E07	ZM_069_B1_E07_T7C	
49563	ZM_069_B1_E07		ZM_069_B1_E07_MR
49564	ZM_069_B1_E08		ZM_069_B1_E08_MR
49565	ZM_069_B1_E09	ZM_069_B1_E09_T7C	
49566	ZM_069_B1_E10	ZM_069_B1_E10_T7C	
49567	ZM_069_B1_E10		ZM_069_B1_E10_MR
49568	ZM_069_B1_E11	ZM_069_B1_E11_T7C	
49569	ZM_069_B1_E11		ZM_069_B1_E11_MR
49570	ZM_069_B1_E12	ZM_069_B1_E12_T7C	
49571	ZM_069_B1_E12		ZM_069_B1_E12_MR
49572	ZM_069_B1_F01	ZM_069_B1_F01_T7C	
49573	ZM_069_B1_F01		ZM_069_B1_F01_MR
49574	ZM_069_B1_F02	ZM_069_B1_F02_T7C	
49575	ZM_069_B1_F03	ZM_069_B1_F03_T7C	
49576	ZM_069_B1_F03		ZM_069_B1_F03_MR
49577	ZM_069_B1_F04	ZM_069_B1_F04_T7C	
49578	ZM_069_B1_F04		ZM_069_B1_F04_MR
49579	ZM_069_B1_F05	ZM_069_B1_F05_T7C	
49580	ZM_069_B1_F05		ZM_069_B1_F05_MR
49581	ZM_069_B1_F07	ZM_069_B1_F07_T7C	
49582	ZM_069_B1_F07		ZM_069_B1_F07_MR
49583	ZM_069_B1_F08	ZM_069_B1_F08_T7C	
49584	ZM_069_B1_F08		ZM_069_B1_F08_MR
49585	ZM_069_B1_F10	ZM_069_B1_F10_T7C	
49586	ZM_069_B1_F10		ZM_069_B1_F10_MR
49587	ZM_069_B1_F11	ZM_069_B1_F11_T7C	
49588	ZM_069_B1_F11		ZM_069_B1_F11_MR
49589	ZM_069_B1_F12	ZM_069_B1_F12_T7C	
49590	ZM_069_B1_F12		ZM_069_B1_F12_MR
49591	ZM_069_B1_G01	ZM_069_B1_G01_T7C	
49592	ZM_069_B1_G01		ZM_069_B1_G01_MR
49593	ZM_069_B1_G02	ZM_069_B1_G02_T7C	
49594	ZM_069_B1_G02		ZM_069_B1_G02_MR
49595	ZM_069_B1_G04	ZM_069_B1_G04_T7C	
49596	ZM_069_B1_G04		ZM_069_B1_G04_MR
49597	ZM_069_B1_G06	ZM_069_B1_G06_T7C	
49598	ZM_069_B1_G06		ZM_069_B1_G06_MR
49599	ZM_069_B1_G07	ZM_069_B1_G07_T7C	
49600	ZM_069_B1_G07		ZM_069_B1_G07_MR
49601	ZM_069_B1_G08		ZM_069_B1_G08_MR
49602	ZM_069_B1_G09	ZM_069_B1_G09_T7C	
49603	ZM_069_B1_G09		ZM_069_B1_G09_MR
49604	ZM_069_B1_G10	ZM_069_B1_G10_T7C	
49605	ZM_069_B1_G10		ZM_069_B1_G10_MR
49606	ZM_069_B1_G12	ZM_069_B1_G12_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49607	ZM_069_B1_G12		ZM_069_B1_G12_MR
49608	ZM_069_B1_H01	ZM_069_B1_H01_T7C	
49609	ZM_069_B1_H01		ZM_069_B1_H01_MR
49610	ZM_069_B1_H02	ZM_069_B1_H02_T7C	
49611	ZM_069_B1_H02		ZM_069_B1_H02_MR
49612	ZM_069_B1_H03		ZM_069_B1_H03_MR
49613	ZM_069_B1_H04	ZM_069_B1_H04_T7C	
49614	ZM_069_B1_H04		ZM_069_B1_H04_MR
49615	ZM_069_B1_H05	ZM_069_B1_H05_T7C	
49616	ZM_069_B1_H05		ZM_069_B1_H05_MR
49617	ZM_069_B1_H06	ZM_069_B1_H06_T7C	
49618	ZM_069_B1_H06		ZM_069_B1_H06_MR
49619	ZM_069_B1_H07	ZM_069_B1_H07_T7C	
49620	ZM_069_B1_H07		ZM_069_B1_H07_MR
49621	ZM_069_B1_H08		ZM_069_B1_H08_MR
49622	ZM_069_B1_H09	ZM_069_B1_H09_T7C	
49623	ZM_069_B1_H09		ZM_069_B1_H09_MR
49624	ZM_069_B1_H10	ZM_069_B1_H10_T7C	
49625	ZM_069_B1_H10		ZM_069_B1_H10_MR
49626	ZM_069_B1_H11	ZM_069_B1_H11_T7C	
49627	ZM_069_B1_H11		ZM_069_B1_H11_MR
49628	ZM_069_B1_H12	ZM_069_B1_H12_T7C	
49629	ZM_069_B1_H12		ZM_069_B1_H12_MR
49630	ZM_069_B2_A01	ZM_069_B2_A01_T7C	
49631	ZM_069_B2_A01		ZM_069_B2_A01_MR
49632	ZM_069_B2_A02	ZM_069_B2_A02_T7C	
49633	ZM_069_B2_A02		ZM_069_B2_A02_MR
49634	ZM_069_B2_A03	ZM_069_B2_A03_T7C	
49635	ZM_069_B2_A03		ZM_069_B2_A03_MR
49636	ZM_069_B2_A04	ZM_069_B2_A04_T7C	
49637	ZM_069_B2_A04		ZM_069_B2_A04_MR
49638	ZM_069_B2_A05	ZM_069_B2_A05_T7C	
49639	ZM_069_B2_A05		ZM_069_B2_A05_MR
49640	ZM_069_B2_A06	ZM_069_B2_A06_T7C	
49641	ZM_069_B2_A06		ZM_069_B2_A06_MR
49642	ZM_069_B2_A07	ZM_069_B2_A07_T7C	
49643	ZM_069_B2_A07		ZM_069_B2_A07_MR
49644	ZM_069_B2_A08	ZM_069_B2_A08_T7C	
49645	ZM_069_B2_A09	ZM_069_B2_A09_T7C	
49646	ZM_069_B2_A09		ZM_069_B2_A09_MR
49647	ZM_069_B2_A11	ZM_069_B2_A11_T7C	
49648	ZM_069_B2_A11		ZM_069_B2_A11_MR
49649	ZM_069_B2_A12	ZM_069_B2_A12_T7C	
49650	ZM_069_B2_A12		ZM_069_B2_A12_MR
49651	ZM_069_B2_B01	ZM_069_B2_B01_T7C	
49652	ZM_069_B2_B01		ZM_069_B2_B01_MR
49653	ZM_069_B2_B02	ZM_069_B2_B02_T7C	
49654	ZM_069_B2_B02		ZM_069_B2_B02_MR
49655	ZM_069_B2_B03	ZM_069_B2_B03_T7C	
49656	ZM_069_B2_B03		ZM_069_B2_B03_MR
49657	ZM_069_B2_B04	ZM_069_B2_B04_T7C	
49658	ZM_069_B2_B04		ZM_069_B2_B04_MR
49659	ZM_069_B2_B05	ZM_069_B2_B05_T7C	
49660	ZM_069_B2_B05		ZM_069_B2_B05_MR
49661	ZM_069_B2_B06	ZM_069_B2_B06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49662	ZM_069_B2_B06		ZM_069_B2_B06_MR
49663	ZM_069_B2_B07	ZM_069_B2_B07_T7C	
49664	ZM_069_B2_B07		ZM_069_B2_B07_MR
49665	ZM_069_B2_B08	ZM_069_B2_B08_T7C	
49666	ZM_069_B2_B09	ZM_069_B2_B09_T7C	
49667	ZM_069_B2_B10	ZM_069_B2_B10_T7C	
49668	ZM_069_B2_B10		ZM_069_B2_B10_MR
49669	ZM_069_B2_B11	ZM_069_B2_B11_T7C	
49670	ZM_069_B2_B11		ZM_069_B2_B11_MR
49671	ZM_069_B2_B12	ZM_069_B2_B12_T7C	
49672	ZM_069_B2_B12		ZM_069_B2_B12_MR
49673	ZM_069_B2_C01	ZM_069_B2_C01_T7C	
49674	ZM_069_B2_C01		ZM_069_B2_C01_MR
49675	ZM_069_B2_C02	ZM_069_B2_C02_T7C	
49676	ZM_069_B2_C02		ZM_069_B2_C02_MR
49677	ZM_069_B2_C03	ZM_069_B2_C03_T7C	
49678	ZM_069_B2_C03		ZM_069_B2_C03_MR
49679	ZM_069_B2_C04	ZM_069_B2_C04_T7C	
49680	ZM_069_B2_C04		ZM_069_B2_C04_MR
49681	ZM_069_B2_C05	ZM_069_B2_C05_T7C	
49682	ZM_069_B2_C05		ZM_069_B2_C05_MR
49683	ZM_069_B2_C06		ZM_069_B2_C06_MR
49684	ZM_069_B2_C07	ZM_069_B2_C07_T7C	
49685	ZM_069_B2_C07		ZM_069_B2_C07_MR
49686	ZM_069_B2_C08	ZM_069_B2_C08_T7C	
49687	ZM_069_B2_C08		ZM_069_B2_C08_MR
49688	ZM_069_B2_C09	ZM_069_B2_C09_T7C	
49689	ZM_069_B2_C09		ZM_069_B2_C09_MR
49690	ZM_069_B2_C10	ZM_069_B2_C10_T7C	
49691	ZM_069_B2_C10		ZM_069_B2_C10_MR
49692	ZM_069_B2_C11	ZM_069_B2_C11_T7C	
49693	ZM_069_B2_C11		ZM_069_B2_C11_MR
49694	ZM_069_B2_C12	ZM_069_B2_C12_T7C	
49695	ZM_069_B2_C12		ZM_069_B2_C12_MR
49696	ZM_069_B2_D01	ZM_069_B2_D01_T7C	
49697	ZM_069_B2_D01		ZM_069_B2_D01_MR
49698	ZM_069_B2_D02	ZM_069_B2_D02_T7C	
49699	ZM_069_B2_D02		ZM_069_B2_D02_MR
49700	ZM_069_B2_D03	ZM_069_B2_D03_T7C	
49701	ZM_069_B2_D03		ZM_069_B2_D03_MR
49702	ZM_069_B2_D04	ZM_069_B2_D04_T7C	
49703	ZM_069_B2_D04		ZM_069_B2_D04_MR
49704	ZM_069_B2_D05	ZM_069_B2_D05_T7C	
49705	ZM_069_B2_D05		ZM_069_B2_D05_MR
49706	ZM_069_B2_D06		ZM_069_B2_D06_MR
49707	ZM_069_B2_D07	ZM_069_B2_D07_T7C	
49708	ZM_069_B2_D08	ZM_069_B2_D08_T7C	
49709	ZM_069_B2_D09	ZM_069_B2_D09_T7C	
49710	ZM_069_B2_D09		ZM_069_B2_D09_MR
49711	ZM_069_B2_D10	ZM_069_B2_D10_T7C	
49712	ZM_069_B2_D10		ZM_069_B2_D10_MR
49713	ZM_069_B2_D11	ZM_069_B2_D11_T7C	
49714	ZM_069_B2_D11		ZM_069_B2_D11_MR
49715	ZM_069_B2_D12	ZM_069_B2_D12_T7C	
49716	ZM_069_B2_D12		ZM_069_B2_D12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49717	ZM_069_B2_E01	ZM_069_B2_E01_T7C	
49718	ZM_069_B2_E01		ZM_069_B2_E01_MR
49719	ZM_069_B2_E02	ZM_069_B2_E02_T7C	
49720	ZM_069_B2_E02		ZM_069_B2_E02_MR
49721	ZM_069_B2_E03	ZM_069_B2_E03_T7C	
49722	ZM_069_B2_E03		ZM_069_B2_E03_MR
49723	ZM_069_B2_E04	ZM_069_B2_E04_T7C	
49724	ZM_069_B2_E04		ZM_069_B2_E04_MR
49725	ZM_069_B2_E05	ZM_069_B2_E05_T7C	
49726	ZM_069_B2_E05		ZM_069_B2_E05_MR
49727	ZM_069_B2_E06		ZM_069_B2_E06_MR
49728	ZM_069_B2_E07	ZM_069_B2_E07_T7C	
49729	ZM_069_B2_E08	ZM_069_B2_E08_T7C	
49730	ZM_069_B2_E09	ZM_069_B2_E09_T7C	
49731	ZM_069_B2_E09		ZM_069_B2_E09_MR
49732	ZM_069_B2_E10	ZM_069_B2_E10_T7C	
49733	ZM_069_B2_E10		ZM_069_B2_E10_MR
49734	ZM_069_B2_E11	ZM_069_B2_E11_T7C	
49735	ZM_069_B2_E12	ZM_069_B2_E12_T7C	
49736	ZM_069_B2_E12		ZM_069_B2_E12_MR
49737	ZM_069_B2_F01	ZM_069_B2_F01_T7C	
49738	ZM_069_B2_F01		ZM_069_B2_F01_MR
49739	ZM_069_B2_F02	ZM_069_B2_F02_T7C	
49740	ZM_069_B2_F02		ZM_069_B2_F02_MR
49741	ZM_069_B2_F03	ZM_069_B2_F03_T7C	
49742	ZM_069_B2_F04	ZM_069_B2_F04_T7C	
49743	ZM_069_B2_F04		ZM_069_B2_F04_MR
49744	ZM_069_B2_F05	ZM_069_B2_F05_T7C	
49745	ZM_069_B2_F05		ZM_069_B2_F05_MR
49746	ZM_069_B2_F06		ZM_069_B2_F06_MR
49747	ZM_069_B2_F07	ZM_069_B2_F07_T7C	
49748	ZM_069_B2_F08	ZM_069_B2_F08_T7C	
49749	ZM_069_B2_F09	ZM_069_B2_F09_T7C	
49750	ZM_069_B2_F09		ZM_069_B2_F09_MR
49751	ZM_069_B2_F10	ZM_069_B2_F10_T7C	
49752	ZM_069_B2_F10		ZM_069_B2_F10_MR
49753	ZM_069_B2_F11	ZM_069_B2_F11_T7C	
49754	ZM_069_B2_F11		ZM_069_B2_F11_MR
49755	ZM_069_B2_F12	ZM_069_B2_F12_T7C	
49756	ZM_069_B2_F12		ZM_069_B2_F12_MR
49757	ZM_069_B2_G01	ZM_069_B2_G01_T7C	
49758	ZM_069_B2_G01		ZM_069_B2_G01_MR
49759	ZM_069_B2_G02	ZM_069_B2_G02_T7C	
49760	ZM_069_B2_G02		ZM_069_B2_G02_MR
49761	ZM_069_B2_G03	ZM_069_B2_G03_T7C	
49762	ZM_069_B2_G03		ZM_069_B2_G03_MR
49763	ZM_069_B2_G04	ZM_069_B2_G04_T7C	
49764	ZM_069_B2_G04		ZM_069_B2_G04_MR
49765	ZM_069_B2_G05	ZM_069_B2_G05_T7C	
49766	ZM_069_B2_G05		ZM_069_B2_G05_MR
49767	ZM_069_B2_G06		ZM_069_B2_G06_MR
49768	ZM_069_B2_G07	ZM_069_B2_G07_T7C	
49769	ZM_069_B2_G08	ZM_069_B2_G08_T7C	
49770	ZM_069_B2_G09	ZM_069_B2_G09_T7C	
49771	ZM_069_B2_G09		ZM_069_B2_G09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49772	ZM_069_B2_G10	ZM_069_B2_G10_T7C	ZM_069_B2_G10_MR
49773	ZM_069_B2_G10		
49774	ZM_069_B2_G11	ZM_069_B2_G11_T7C	
49775	ZM_069_B2_G12	ZM_069_B2_G12_T7C	
49776	ZM_069_B2_G12		ZM_069_B2_G12_MR
49777	ZM_069_B2_H01	ZM_069_B2_H01_T7C	
49778	ZM_069_B2_H01		ZM_069_B2_H01_MR
49779	ZM_069_B2_H02	ZM_069_B2_H02_T7C	
49780	ZM_069_B2_H02		ZM_069_B2_H02_MR
49781	ZM_069_B2_H03	ZM_069_B2_H03_T7C	
49782	ZM_069_B2_H03		ZM_069_B2_H03_MR
49783	ZM_069_B2_H04	ZM_069_B2_H04_T7C	
49784	ZM_069_B2_H04		ZM_069_B2_H04_MR
49785	ZM_069_B2_H05	ZM_069_B2_H05_T7C	
49786	ZM_069_B2_H05		ZM_069_B2_H05_MR
49787	ZM_069_B2_H06		ZM_069_B2_H06_MR
49788	ZM_069_B2_H08	ZM_069_B2_H08_T7C	
49789	ZM_069_B2_H09	ZM_069_B2_H09_T7C	
49790	ZM_069_B2_H09		ZM_069_B2_H09_MR
49791	ZM_069_B2_H10	ZM_069_B2_H10_T7C	
49792	ZM_069_B2_H10		ZM_069_B2_H10_MR
49793	ZM_069_B2_H11	ZM_069_B2_H11_T7C	
49794	ZM_069_B2_H11		ZM_069_B2_H11_MR
49795	ZM_069_B2_H12	ZM_069_B2_H12_T7C	
49796	ZM_069_B2_H12		ZM_069_B2_H12_MR
49797	ZM_070_A1_A01	ZM_070_A1_A01_T7C	
49798	ZM_070_A1_A01		ZM_070_A1_A01_MR
49799	ZM_070_A1_A02	ZM_070_A1_A02_T7C	
49800	ZM_070_A1_A02		ZM_070_A1_A02_MR
49801	ZM_070_A1_A03	ZM_070_A1_A03_T7C	
49802	ZM_070_A1_A03		ZM_070_A1_A03_MR
49803	ZM_070_A1_A04	ZM_070_A1_A04_T7C	
49804	ZM_070_A1_A04		ZM_070_A1_A04_MR
49805	ZM_070_A1_A05	ZM_070_A1_A05_T7C	
49806	ZM_070_A1_A05		ZM_070_A1_A05_MR
49807	ZM_070_A1_A06		ZM_070_A1_A06_MR
49808	ZM_070_A1_A07	ZM_070_A1_A07_T7C	
49809	ZM_070_A1_A07		ZM_070_A1_A07_MR
49810	ZM_070_A1_A08		ZM_070_A1_A08_MR
49811	ZM_070_A1_A09		ZM_070_A1_A09_MR
49812	ZM_070_A1_A10	ZM_070_A1_A10_T7C	
49813	ZM_070_A1_A10		ZM_070_A1_A10_MR
49814	ZM_070_A1_A11	ZM_070_A1_A11_T7C	
49815	ZM_070_A1_A11		ZM_070_A1_A11_MR
49816	ZM_070_A1_A12	ZM_070_A1_A12_T7C	
49817	ZM_070_A1_A12		ZM_070_A1_A12_MR
49818	ZM_070_A1_B01	ZM_070_A1_B01_T7C	
49819	ZM_070_A1_B01		ZM_070_A1_B01_MR
49820	ZM_070_A1_B02	ZM_070_A1_B02_T7C	
49821	ZM_070_A1_B02		ZM_070_A1_B02_MR
49822	ZM_070_A1_B03	ZM_070_A1_B03_T7C	
49823	ZM_070_A1_B03		ZM_070_A1_B03_MR
49824	ZM_070_A1_B04	ZM_070_A1_B04_T7C	
49825	ZM_070_A1_B04		ZM_070_A1_B04_MR
49826	ZM_070_A1_B05	ZM_070_A1_B05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49827	ZM_070_A1_B05		ZM_070_A1_B05_MR
49828	ZM_070_A1_B06	ZM_070_A1_B06_T7C	
49829	ZM_070_A1_B06		ZM_070_A1_B06_MR
49830	ZM_070_A1_B07	ZM_070_A1_B07_T7C	
49831	ZM_070_A1_B07		ZM_070_A1_B07_MR
49832	ZM_070_A1_B08	ZM_070_A1_B08_T7C	
49833	ZM_070_A1_B08		ZM_070_A1_B08_MR
49834	ZM_070_A1_B09	ZM_070_A1_B09_T7C	
49835	ZM_070_A1_B09		ZM_070_A1_B09_MR
49836	ZM_070_A1_B10	ZM_070_A1_B10_T7C	
49837	ZM_070_A1_B10		ZM_070_A1_B10_MR
49838	ZM_070_A1_B11	ZM_070_A1_B11_T7C	
49839	ZM_070_A1_B11		ZM_070_A1_B11_MR
49840	ZM_070_A1_B12	ZM_070_A1_B12_T7C	
49841	ZM_070_A1_B12		ZM_070_A1_B12_MR
49842	ZM_070_A1_C01	ZM_070_A1_C01_T7C	
49843	ZM_070_A1_C01		ZM_070_A1_C01_MR
49844	ZM_070_A1_C02	ZM_070_A1_C02_T7C	
49845	ZM_070_A1_C02		ZM_070_A1_C02_MR
49846	ZM_070_A1_C03	ZM_070_A1_C03_T7C	
49847	ZM_070_A1_C03		ZM_070_A1_C03_MR
49848	ZM_070_A1_C04	ZM_070_A1_C04_T7C	
49849	ZM_070_A1_C04		ZM_070_A1_C04_MR
49850	ZM_070_A1_C05	ZM_070_A1_C05_T7C	
49851	ZM_070_A1_C05		ZM_070_A1_C05_MR
49852	ZM_070_A1_C06	ZM_070_A1_C06_T7C	
49853	ZM_070_A1_C06		ZM_070_A1_C06_MR
49854	ZM_070_A1_C07	ZM_070_A1_C07_T7C	
49855	ZM_070_A1_C07		ZM_070_A1_C07_MR
49856	ZM_070_A1_C08	ZM_070_A1_C08_T7C	
49857	ZM_070_A1_C08		ZM_070_A1_C08_MR
49858	ZM_070_A1_C09	ZM_070_A1_C09_T7C	
49859	ZM_070_A1_C09		ZM_070_A1_C09_MR
49860	ZM_070_A1_C10	ZM_070_A1_C10_T7C	
49861	ZM_070_A1_C10		ZM_070_A1_C10_MR
49862	ZM_070_A1_C11	ZM_070_A1_C11_T7C	
49863	ZM_070_A1_C11		ZM_070_A1_C11_MR
49864	ZM_070_A1_C12	ZM_070_A1_C12_T7C	
49865	ZM_070_A1_C12		ZM_070_A1_C12_MR
49866	ZM_070_A1_D01	ZM_070_A1_D01_T7C	
49867	ZM_070_A1_D01		ZM_070_A1_D01_MR
49868	ZM_070_A1_D02	ZM_070_A1_D02_T7C	
49869	ZM_070_A1_D02		ZM_070_A1_D02_MR
49870	ZM_070_A1_D03	ZM_070_A1_D03_T7C	
49871	ZM_070_A1_D03		ZM_070_A1_D03_MR
49872	ZM_070_A1_D04	ZM_070_A1_D04_T7C	
49873	ZM_070_A1_D04		ZM_070_A1_D04_MR
49874	ZM_070_A1_D05	ZM_070_A1_D05_T7C	
49875	ZM_070_A1_D05		ZM_070_A1_D05_MR
49876	ZM_070_A1_D06		ZM_070_A1_D06_MR
49877	ZM_070_A1_D07	ZM_070_A1_D07_T7C	
49878	ZM_070_A1_D07		ZM_070_A1_D07_MR
49879	ZM_070_A1_D09	ZM_070_A1_D09_T7C	
49880	ZM_070_A1_D09		ZM_070_A1_D09_MR
49881	ZM_070_A1_D10	ZM_070_A1_D10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49882	ZM_070_A1_D10		ZM_070_A1_D10_MR
49883	ZM_070_A1_D11	ZM_070_A1_D11_T7C	
49884	ZM_070_A1_D11		ZM_070_A1_D11_MR
49885	ZM_070_A1_D12	ZM_070_A1_D12_T7C	
49886	ZM_070_A1_D12		ZM_070_A1_D12_MR
49887	ZM_070_A1_E01	ZM_070_A1_E01_T7C	
49888	ZM_070_A1_E02	ZM_070_A1_E02_T7C	
49889	ZM_070_A1_E02		ZM_070_A1_E02_MR
49890	ZM_070_A1_E03	ZM_070_A1_E03_T7C	
49891	ZM_070_A1_E03		ZM_070_A1_E03_MR
49892	ZM_070_A1_E04	ZM_070_A1_E04_T7C	
49893	ZM_070_A1_E04		ZM_070_A1_E04_MR
49894	ZM_070_A1_E05	ZM_070_A1_E05_T7C	
49895	ZM_070_A1_E05		ZM_070_A1_E05_MR
49896	ZM_070_A1_E06	ZM_070_A1_E06_T7C	
49897	ZM_070_A1_E06		ZM_070_A1_E06_MR
49898	ZM_070_A1_E08	ZM_070_A1_E08_T7C	
49899	ZM_070_A1_E08		ZM_070_A1_E08_MR
49900	ZM_070_A1_E09	ZM_070_A1_E09_T7C	
49901	ZM_070_A1_E09		ZM_070_A1_E09_MR
49902	ZM_070_A1_E10	ZM_070_A1_E10_T7C	
49903	ZM_070_A1_E10		ZM_070_A1_E10_MR
49904	ZM_070_A1_E11	ZM_070_A1_E11_T7C	
49905	ZM_070_A1_E11		ZM_070_A1_E11_MR
49906	ZM_070_A1_E12	ZM_070_A1_E12_T7C	
49907	ZM_070_A1_E12		ZM_070_A1_E12_MR
49908	ZM_070_A1_F01	ZM_070_A1_F01_T7C	
49909	ZM_070_A1_F01		ZM_070_A1_F01_MR
49910	ZM_070_A1_F02	ZM_070_A1_F02_T7C	
49911	ZM_070_A1_F02		ZM_070_A1_F02_MR
49912	ZM_070_A1_F03	ZM_070_A1_F03_T7C	
49913	ZM_070_A1_F03		ZM_070_A1_F03_MR
49914	ZM_070_A1_F04	ZM_070_A1_F04_T7C	
49915	ZM_070_A1_F04		ZM_070_A1_F04_MR
49916	ZM_070_A1_F05	ZM_070_A1_F05_T7C	
49917	ZM_070_A1_F05		ZM_070_A1_F05_MR
49918	ZM_070_A1_F06	ZM_070_A1_F06_T7C	
49919	ZM_070_A1_F06		ZM_070_A1_F06_MR
49920	ZM_070_A1_F07	ZM_070_A1_F07_T7C	
49921	ZM_070_A1_F07		ZM_070_A1_F07_MR
49922	ZM_070_A1_F08	ZM_070_A1_F08_T7C	
49923	ZM_070_A1_F08		ZM_070_A1_F08_MR
49924	ZM_070_A1_F09	ZM_070_A1_F09_T7C	
49925	ZM_070_A1_F09		ZM_070_A1_F09_MR
49926	ZM_070_A1_F10	ZM_070_A1_F10_T7C	
49927	ZM_070_A1_F10		ZM_070_A1_F10_MR
49928	ZM_070_A1_F11	ZM_070_A1_F11_T7C	
49929	ZM_070_A1_F11		ZM_070_A1_F11_MR
49930	ZM_070_A1_F12	ZM_070_A1_F12_T7C	
49931	ZM_070_A1_F12		ZM_070_A1_F12_MR
49932	ZM_070_A1_G01	ZM_070_A1_G01_T7C	
49933	ZM_070_A1_G01		ZM_070_A1_G01_MR
49934	ZM_070_A1_G02	ZM_070_A1_G02_T7C	
49935	ZM_070_A1_G02		ZM_070_A1_G02_MR
49936	ZM_070_A1_G03	ZM_070_A1_G03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49937	ZM_070_A1_G03		ZM_070_A1_G03_MR
49938	ZM_070_A1_G04	ZM_070_A1_G04_T7C	
49939	ZM_070_A1_G04		ZM_070_A1_G04_MR
49940	ZM_070_A1_G05	ZM_070_A1_G05_T7C	
49941	ZM_070_A1_G05		ZM_070_A1_G05_MR
49942	ZM_070_A1_G06	ZM_070_A1_G06_T7C	
49943	ZM_070_A1_G06		ZM_070_A1_G06_MR
49944	ZM_070_A1_G07	ZM_070_A1_G07_T7C	
49945	ZM_070_A1_G07		ZM_070_A1_G07_MR
49946	ZM_070_A1_G08	ZM_070_A1_G08_T7C	
49947	ZM_070_A1_G08		ZM_070_A1_G08_MR
49948	ZM_070_A1_G09	ZM_070_A1_G09_T7C	
49949	ZM_070_A1_G09		ZM_070_A1_G09_MR
49950	ZM_070_A1_G10	ZM_070_A1_G10_T7C	
49951	ZM_070_A1_G10		ZM_070_A1_G10_MR
49952	ZM_070_A1_G11	ZM_070_A1_G11_T7C	
49953	ZM_070_A1_G11		ZM_070_A1_G11_MR
49954	ZM_070_A1_G12	ZM_070_A1_G12_T7C	
49955	ZM_070_A1_G12		ZM_070_A1_G12_MR
49956	ZM_070_A1_H01	ZM_070_A1_H01_T7C	
49957	ZM_070_A1_H01		ZM_070_A1_H01_MR
49958	ZM_070_A1_H02	ZM_070_A1_H02_T7C	
49959	ZM_070_A1_H02		ZM_070_A1_H02_MR
49960	ZM_070_A1_H03	ZM_070_A1_H03_T7C	
49961	ZM_070_A1_H03		ZM_070_A1_H03_MR
49962	ZM_070_A1_H04	ZM_070_A1_H04_T7C	
49963	ZM_070_A1_H04		ZM_070_A1_H04_MR
49964	ZM_070_A1_H05	ZM_070_A1_H05_T7C	
49965	ZM_070_A1_H05		ZM_070_A1_H05_MR
49966	ZM_070_A1_H06		ZM_070_A1_H06_MR
49967	ZM_070_A1_H07	ZM_070_A1_H07_T7C	
49968	ZM_070_A1_H07		ZM_070_A1_H07_MR
49969	ZM_070_A1_H08	ZM_070_A1_H08_T7C	
49970	ZM_070_A1_H08		ZM_070_A1_H08_MR
49971	ZM_070_A1_H09	ZM_070_A1_H09_T7C	
49972	ZM_070_A1_H09		ZM_070_A1_H09_MR
49973	ZM_070_A1_H10	ZM_070_A1_H10_T7C	
49974	ZM_070_A1_H10		ZM_070_A1_H10_MR
49975	ZM_070_A1_H11	ZM_070_A1_H11_T7C	
49976	ZM_070_A1_H11		ZM_070_A1_H11_MR
49977	ZM_070_A1_H12	ZM_070_A1_H12_T7C	
49978	ZM_070_A1_H12		ZM_070_A1_H12_MR
49979	ZM_070_A2_A01	ZM_070_A2_A01_T7C	
49980	ZM_070_A2_A01		ZM_070_A2_A01_MR
49981	ZM_070_A2_A02	ZM_070_A2_A02_T7C	
49982	ZM_070_A2_A02		ZM_070_A2_A02_MR
49983	ZM_070_A2_A03	ZM_070_A2_A03_T7C	
49984	ZM_070_A2_A03		ZM_070_A2_A03_MR
49985	ZM_070_A2_A04	ZM_070_A2_A04_T7C	
49986	ZM_070_A2_A04		ZM_070_A2_A04_MR
49987	ZM_070_A2_A05	ZM_070_A2_A05_T7C	
49988	ZM_070_A2_A05		ZM_070_A2_A05_MR
49989	ZM_070_A2_A06	ZM_070_A2_A06_T7C	
49990	ZM_070_A2_A06		ZM_070_A2_A06_MR
49991	ZM_070_A2_A07	ZM_070_A2_A07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
49992	ZM_070_A2_A07		ZM_070_A2_A07_MR
49993	ZM_070_A2_A08	ZM_070_A2_A08_T7C	
49994	ZM_070_A2_A08		ZM_070_A2_A08_MR
49995	ZM_070_A2_A09	ZM_070_A2_A09_T7C	
49996	ZM_070_A2_A09		ZM_070_A2_A09_MR
49997	ZM_070_A2_A10	ZM_070_A2_A10_T7C	
49998	ZM_070_A2_A10		ZM_070_A2_A10_MR
49999	ZM_070_A2_A11	ZM_070_A2_A11_T7C	
50000	ZM_070_A2_A11		ZM_070_A2_A11_MR
50001	ZM_070_A2_A12	ZM_070_A2_A12_T7C	
50002	ZM_070_A2_A12		ZM_070_A2_A12_MR
50003	ZM_070_A2_B01	ZM_070_A2_B01_T7C	
50004	ZM_070_A2_B01		ZM_070_A2_B01_MR
50005	ZM_070_A2_B02	ZM_070_A2_B02_T7C	
50006	ZM_070_A2_B02		ZM_070_A2_B02_MR
50007	ZM_070_A2_B03	ZM_070_A2_B03_T7C	
50008	ZM_070_A2_B03		ZM_070_A2_B03_MR
50009	ZM_070_A2_B04	ZM_070_A2_B04_T7C	
50010	ZM_070_A2_B04		ZM_070_A2_B04_MR
50011	ZM_070_A2_B05	ZM_070_A2_B05_T7C	
50012	ZM_070_A2_B05		ZM_070_A2_B05_MR
50013	ZM_070_A2_B06		ZM_070_A2_B06_MR
50014	ZM_070_A2_B07	ZM_070_A2_B07_T7C	
50015	ZM_070_A2_B07		ZM_070_A2_B07_MR
50016	ZM_070_A2_B08	ZM_070_A2_B08_T7C	
50017	ZM_070_A2_B08		ZM_070_A2_B08_MR
50018	ZM_070_A2_B09	ZM_070_A2_B09_T7C	
50019	ZM_070_A2_B09		ZM_070_A2_B09_MR
50020	ZM_070_A2_B10	ZM_070_A2_B10_T7C	
50021	ZM_070_A2_B10		ZM_070_A2_B10_MR
50022	ZM_070_A2_B11	ZM_070_A2_B11_T7C	
50023	ZM_070_A2_B11		ZM_070_A2_B11_MR
50024	ZM_070_A2_B12	ZM_070_A2_B12_T7C	
50025	ZM_070_A2_B12		ZM_070_A2_B12_MR
50026	ZM_070_A2_C01	ZM_070_A2_C01_T7C	
50027	ZM_070_A2_C01		ZM_070_A2_C01_MR
50028	ZM_070_A2_C02		ZM_070_A2_C02_MR
50029	ZM_070_A2_C03	ZM_070_A2_C03_T7C	
50030	ZM_070_A2_C03		ZM_070_A2_C03_MR
50031	ZM_070_A2_C04	ZM_070_A2_C04_T7C	
50032	ZM_070_A2_C04		ZM_070_A2_C04_MR
50033	ZM_070_A2_C05	ZM_070_A2_C05_T7C	
50034	ZM_070_A2_C05		ZM_070_A2_C05_MR
50035	ZM_070_A2_C06		ZM_070_A2_C06_MR
50036	ZM_070_A2_C07	ZM_070_A2_C07_T7C	
50037	ZM_070_A2_C07		ZM_070_A2_C07_MR
50038	ZM_070_A2_C08	ZM_070_A2_C08_T7C	
50039	ZM_070_A2_C08		ZM_070_A2_C08_MR
50040	ZM_070_A2_C09	ZM_070_A2_C09_T7C	
50041	ZM_070_A2_C09		ZM_070_A2_C09_MR
50042	ZM_070_A2_C10	ZM_070_A2_C10_T7C	
50043	ZM_070_A2_C10		ZM_070_A2_C10_MR
50044	ZM_070_A2_C11	ZM_070_A2_C11_T7C	
50045	ZM_070_A2_C11		ZM_070_A2_C11_MR
50046	ZM_070_A2_C12	ZM_070_A2_C12_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50047	ZM_070_A2_C12		ZM_070_A2_C12_MR
50048	ZM_070_A2_D01	ZM_070_A2_D01_T7C	
50049	ZM_070_A2_D01		ZM_070_A2_D01_MR
50050	ZM_070_A2_D02	ZM_070_A2_D02_T7C	
50051	ZM_070_A2_D02		ZM_070_A2_D02_MR
50052	ZM_070_A2_D03	ZM_070_A2_D03_T7C	
50053	ZM_070_A2_D03		ZM_070_A2_D03_MR
50054	ZM_070_A2_D04	ZM_070_A2_D04_T7C	
50055	ZM_070_A2_D04		ZM_070_A2_D04_MR
50056	ZM_070_A2_D05	ZM_070_A2_D05_T7C	
50057	ZM_070_A2_D05		ZM_070_A2_D05_MR
50058	ZM_070_A2_D06	ZM_070_A2_D06_T7C	
50059	ZM_070_A2_D06		ZM_070_A2_D06_MR
50060	ZM_070_A2_D07	ZM_070_A2_D07_T7C	
50061	ZM_070_A2_D07		ZM_070_A2_D07_MR
50062	ZM_070_A2_D08	ZM_070_A2_D08_T7C	
50063	ZM_070_A2_D08		ZM_070_A2_D08_MR
50064	ZM_070_A2_D09	ZM_070_A2_D09_T7C	
50065	ZM_070_A2_D09		ZM_070_A2_D09_MR
50066	ZM_070_A2_D10	ZM_070_A2_D10_T7C	
50067	ZM_070_A2_D10		ZM_070_A2_D10_MR
50068	ZM_070_A2_D11	ZM_070_A2_D11_T7C	
50069	ZM_070_A2_D11		ZM_070_A2_D11_MR
50070	ZM_070_A2_D12	ZM_070_A2_D12_T7C	
50071	ZM_070_A2_D12		ZM_070_A2_D12_MR
50072	ZM_070_A2_E01	ZM_070_A2_E01_T7C	
50073	ZM_070_A2_E02		ZM_070_A2_E02_MR
50074	ZM_070_A2_E03	ZM_070_A2_E03_T7C	
50075	ZM_070_A2_E03		ZM_070_A2_E03_MR
50076	ZM_070_A2_E04	ZM_070_A2_E04_T7C	
50077	ZM_070_A2_E04		ZM_070_A2_E04_MR
50078	ZM_070_A2_E05	ZM_070_A2_E05_T7C	
50079	ZM_070_A2_E05		ZM_070_A2_E05_MR
50080	ZM_070_A2_E06		ZM_070_A2_E06_MR
50081	ZM_070_A2_E07	ZM_070_A2_E07_T7C	
50082	ZM_070_A2_E07		ZM_070_A2_E07_MR
50083	ZM_070_A2_E08	ZM_070_A2_E08_T7C	
50084	ZM_070_A2_E08		ZM_070_A2_E08_MR
50085	ZM_070_A2_E09	ZM_070_A2_E09_T7C	
50086	ZM_070_A2_E09		ZM_070_A2_E09_MR
50087	ZM_070_A2_E10	ZM_070_A2_E10_T7C	
50088	ZM_070_A2_E10		ZM_070_A2_E10_MR
50089	ZM_070_A2_E11	ZM_070_A2_E11_T7C	
50090	ZM_070_A2_E11		ZM_070_A2_E11_MR
50091	ZM_070_A2_E12	ZM_070_A2_E12_T7C	
50092	ZM_070_A2_E12		ZM_070_A2_E12_MR
50093	ZM_070_A2_F01	ZM_070_A2_F01_T7C	
50094	ZM_070_A2_F01		ZM_070_A2_F01_MR
50095	ZM_070_A2_F02	ZM_070_A2_F02_T7C	
50096	ZM_070_A2_F02		ZM_070_A2_F02_MR
50097	ZM_070_A2_F03	ZM_070_A2_F03_T7C	
50098	ZM_070_A2_F03		ZM_070_A2_F03_MR
50099	ZM_070_A2_F04		ZM_070_A2_F04_MR
50100	ZM_070_A2_F05	ZM_070_A2_F05_T7C	
50101	ZM_070_A2_F05		ZM_070_A2_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50102	ZM_070_A2_F06		ZM_070_A2_F06_MR
50103	ZM_070_A2_F07	ZM_070_A2_F07_T7C	
50104	ZM_070_A2_F07		ZM_070_A2_F07_MR
50105	ZM_070_A2_F08	ZM_070_A2_F08_T7C	
50106	ZM_070_A2_F08		ZM_070_A2_F08_MR
50107	ZM_070_A2_F09	ZM_070_A2_F09_T7C	
50108	ZM_070_A2_F09		ZM_070_A2_F09_MR
50109	ZM_070_A2_F10	ZM_070_A2_F10_T7C	
50110	ZM_070_A2_F10		ZM_070_A2_F10_MR
50111	ZM_070_A2_F11		ZM_070_A2_F11_MR
50112	ZM_070_A2_F12	ZM_070_A2_F12_T7C	
50113	ZM_070_A2_F12		ZM_070_A2_F12_MR
50114	ZM_070_A2_G01		ZM_070_A2_G01_MR
50115	ZM_070_A2_G02	ZM_070_A2_G02_T7C	
50116	ZM_070_A2_G02		ZM_070_A2_G02_MR
50117	ZM_070_A2_G03		ZM_070_A2_G03_MR
50118	ZM_070_A2_G04	ZM_070_A2_G04_T7C	
50119	ZM_070_A2_G04		ZM_070_A2_G04_MR
50120	ZM_070_A2_G07	ZM_070_A2_G07_T7C	
50121	ZM_070_A2_G08	ZM_070_A2_G08_T7C	
50122	ZM_070_A2_G08		ZM_070_A2_G08_MR
50123	ZM_070_A2_G09	ZM_070_A2_G09_T7C	
50124	ZM_070_A2_G10	ZM_070_A2_G10_T7C	
50125	ZM_070_A2_G10		ZM_070_A2_G10_MR
50126	ZM_070_A2_G11		ZM_070_A2_G11_MR
50127	ZM_070_A2_G12	ZM_070_A2_G12_T7C	
50128	ZM_070_A2_G12		ZM_070_A2_G12_MR
50129	ZM_070_A2_H01	ZM_070_A2_H01_T7C	
50130	ZM_070_A2_H01		ZM_070_A2_H01_MR
50131	ZM_070_A2_H02	ZM_070_A2_H02_T7C	
50132	ZM_070_A2_H02		ZM_070_A2_H02_MR
50133	ZM_070_A2_H03	ZM_070_A2_H03_T7C	
50134	ZM_070_A2_H03		ZM_070_A2_H03_MR
50135	ZM_070_A2_H04		ZM_070_A2_H04_MR
50136	ZM_070_A2_H05	ZM_070_A2_H05_T7C	
50137	ZM_070_A2_H05		ZM_070_A2_H05_MR
50138	ZM_070_A2_H07	ZM_070_A2_H07_T7C	
50139	ZM_070_A2_H07		ZM_070_A2_H07_MR
50140	ZM_070_A2_H08	ZM_070_A2_H08_T7C	
50141	ZM_070_A2_H08		ZM_070_A2_H08_MR
50142	ZM_070_A2_H09	ZM_070_A2_H09_T7C	
50143	ZM_070_A2_H09		ZM_070_A2_H09_MR
50144	ZM_070_A2_H10	ZM_070_A2_H10_T7C	
50145	ZM_070_A2_H10		ZM_070_A2_H10_MR
50146	ZM_070_A2_H11	ZM_070_A2_H11_T7C	
50147	ZM_070_A2_H11		ZM_070_A2_H11_MR
50148	ZM_070_A2_H12	ZM_070_A2_H12_T7C	
50149	ZM_070_A2_H12		ZM_070_A2_H12_MR
50150	ZM_070_B1_A01	ZM_070_B1_A01_T7C	
50151	ZM_070_B1_A02		ZM_070_B1_A02_MR
50152	ZM_070_B1_A03		ZM_070_B1_A03_MR
50153	ZM_070_B1_A04		ZM_070_B1_A04_MR
50154	ZM_070_B1_A05	ZM_070_B1_A05_T7C	
50155	ZM_070_B1_A05		ZM_070_B1_A05_MR
50156	ZM_070_B1_A06	ZM_070_B1_A06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50157	ZM_070_B1_A06		ZM_070_B1_A06_MR
50158	ZM_070_B1_A07	ZM_070_B1_A07_T7C	
50159	ZM_070_B1_A07		ZM_070_B1_A07_MR
50160	ZM_070_B1_A08	ZM_070_B1_A08_T7C	
50161	ZM_070_B1_A08		ZM_070_B1_A08_MR
50162	ZM_070_B1_A10	ZM_070_B1_A10_T7C	
50163	ZM_070_B1_A10		ZM_070_B1_A10_MR
50164	ZM_070_B1_A11	ZM_070_B1_A11_T7C	
50165	ZM_070_B1_A11		ZM_070_B1_A11_MR
50166	ZM_070_B1_A12	ZM_070_B1_A12_T7C	
50167	ZM_070_B1_A12		ZM_070_B1_A12_MR
50168	ZM_070_B1_B01	ZM_070_B1_B01_T7C	
50169	ZM_070_B1_B02	ZM_070_B1_B02_T7C	
50170	ZM_070_B1_B02		ZM_070_B1_B02_MR
50171	ZM_070_B1_B03	ZM_070_B1_B03_T7C	
50172	ZM_070_B1_B03		ZM_070_B1_B03_MR
50173	ZM_070_B1_B04	ZM_070_B1_B04_T7C	
50174	ZM_070_B1_B05	ZM_070_B1_B05_T7C	
50175	ZM_070_B1_B05		ZM_070_B1_B05_MR
50176	ZM_070_B1_B06	ZM_070_B1_B06_T7C	
50177	ZM_070_B1_B06		ZM_070_B1_B06_MR
50178	ZM_070_B1_B07	ZM_070_B1_B07_T7C	
50179	ZM_070_B1_B07		ZM_070_B1_B07_MR
50180	ZM_070_B1_B08	ZM_070_B1_B08_T7C	
50181	ZM_070_B1_B08		ZM_070_B1_B08_MR
50182	ZM_070_B1_B09		ZM_070_B1_B09_MR
50183	ZM_070_B1_B10	ZM_070_B1_B10_T7C	
50184	ZM_070_B1_B10		ZM_070_B1_B10_MR
50185	ZM_070_B1_B11		ZM_070_B1_B11_MR
50186	ZM_070_B1_B12	ZM_070_B1_B12_T7C	
50187	ZM_070_B1_B12		ZM_070_B1_B12_MR
50188	ZM_070_B1_C01	ZM_070_B1_C01_T7C	
50189	ZM_070_B1_C01		ZM_070_B1_C01_MR
50190	ZM_070_B1_C02	ZM_070_B1_C02_T7C	
50191	ZM_070_B1_C02		ZM_070_B1_C02_MR
50192	ZM_070_B1_C03	ZM_070_B1_C03_T7C	
50193	ZM_070_B1_C04	ZM_070_B1_C04_T7C	
50194	ZM_070_B1_C04		ZM_070_B1_C04_MR
50195	ZM_070_B1_C05		ZM_070_B1_C05_MR
50196	ZM_070_B1_C06	ZM_070_B1_C06_T7C	
50197	ZM_070_B1_C06		ZM_070_B1_C06_MR
50198	ZM_070_B1_C07	ZM_070_B1_C07_T7C	
50199	ZM_070_B1_C07		ZM_070_B1_C07_MR
50200	ZM_070_B1_C08	ZM_070_B1_C08_T7C	
50201	ZM_070_B1_C08		ZM_070_B1_C08_MR
50202	ZM_070_B1_C09	ZM_070_B1_C09_T7C	
50203	ZM_070_B1_C09		ZM_070_B1_C09_MR
50204	ZM_070_B1_C10	ZM_070_B1_C10_T7C	
50205	ZM_070_B1_C10		ZM_070_B1_C10_MR
50206	ZM_070_B1_C11	ZM_070_B1_C11_T7C	
50207	ZM_070_B1_C12	ZM_070_B1_C12_T7C	
50208	ZM_070_B1_C12		ZM_070_B1_C12_MR
50209	ZM_070_B1_D01	ZM_070_B1_D01_T7C	
50210	ZM_070_B1_D01		ZM_070_B1_D01_MR
50211	ZM_070_B1_D02		ZM_070_B1_D02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50212	ZM_070_B1_D03	ZM_070_B1_D03_T7C	
50213	ZM_070_B1_D03		ZM_070_B1_D03_MR
50214	ZM_070_B1_D04	ZM_070_B1_D04_T7C	
50215	ZM_070_B1_D04		ZM_070_B1_D04_MR
50216	ZM_070_B1_D06		ZM_070_B1_D06_MR
50217	ZM_070_B1_D07		ZM_070_B1_D07_MR
50218	ZM_070_B1_D08	ZM_070_B1_D08_T7C	
50219	ZM_070_B1_D08		ZM_070_B1_D08_MR
50220	ZM_070_B1_D09	ZM_070_B1_D09_T7C	
50221	ZM_070_B1_D09		ZM_070_B1_D09_MR
50222	ZM_070_B1_D10		ZM_070_B1_D10_MR
50223	ZM_070_B1_D11	ZM_070_B1_D11_T7C	
50224	ZM_070_B1_D11		ZM_070_B1_D11_MR
50225	ZM_070_B1_D12	ZM_070_B1_D12_T7C	
50226	ZM_070_B1_D12		ZM_070_B1_D12_MR
50227	ZM_070_B1_E02		ZM_070_B1_E02_MR
50228	ZM_070_B1_E03	ZM_070_B1_E03_T7C	
50229	ZM_070_B1_E03		ZM_070_B1_E03_MR
50230	ZM_070_B1_E04	ZM_070_B1_E04_T7C	
50231	ZM_070_B1_E04		ZM_070_B1_E04_MR
50232	ZM_070_B1_E06	ZM_070_B1_E06_T7C	
50233	ZM_070_B1_E06		ZM_070_B1_E06_MR
50234	ZM_070_B1_E07	ZM_070_B1_E07_T7C	
50235	ZM_070_B1_E07		ZM_070_B1_E07_MR
50236	ZM_070_B1_E08	ZM_070_B1_E08_T7C	
50237	ZM_070_B1_E08		ZM_070_B1_E08_MR
50238	ZM_070_B1_E09	ZM_070_B1_E09_T7C	
50239	ZM_070_B1_E09		ZM_070_B1_E09_MR
50240	ZM_070_B1_E10	ZM_070_B1_E10_T7C	
50241	ZM_070_B1_E10		ZM_070_B1_E10_MR
50242	ZM_070_B1_E11	ZM_070_B1_E11_T7C	
50243	ZM_070_B1_E11		ZM_070_B1_E11_MR
50244	ZM_070_B1_E12	ZM_070_B1_E12_T7C	
50245	ZM_070_B1_E12		ZM_070_B1_E12_MR
50246	ZM_070_B1_F01	ZM_070_B1_F01_T7C	
50247	ZM_070_B1_F01		ZM_070_B1_F01_MR
50248	ZM_070_B1_F02	ZM_070_B1_F02_T7C	
50249	ZM_070_B1_F02		ZM_070_B1_F02_MR
50250	ZM_070_B1_F03	ZM_070_B1_F03_T7C	
50251	ZM_070_B1_F03		ZM_070_B1_F03_MR
50252	ZM_070_B1_F04	ZM_070_B1_F04_T7C	
50253	ZM_070_B1_F04		ZM_070_B1_F04_MR
50254	ZM_070_B1_F05	ZM_070_B1_F05_T7C	
50255	ZM_070_B1_F06	ZM_070_B1_F06_T7C	
50256	ZM_070_B1_F06		ZM_070_B1_F06_MR
50257	ZM_070_B1_F07	ZM_070_B1_F07_T7C	
50258	ZM_070_B1_F07		ZM_070_B1_F07_MR
50259	ZM_070_B1_F08	ZM_070_B1_F08_T7C	
50260	ZM_070_B1_F08		ZM_070_B1_F08_MR
50261	ZM_070_B1_F09	ZM_070_B1_F09_T7C	
50262	ZM_070_B1_F09		ZM_070_B1_F09_MR
50263	ZM_070_B1_F10		ZM_070_B1_F10_MR
50264	ZM_070_B1_F11	ZM_070_B1_F11_T7C	
50265	ZM_070_B1_F11		ZM_070_B1_F11_MR
50266	ZM_070_B1_F12	ZM_070_B1_F12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50267	ZM_070_B1_F12		ZM_070_B1_F12_MR
50268	ZM_070_B1_G01	ZM_070_B1_G01_T7C	
50269	ZM_070_B1_G01		ZM_070_B1_G01_MR
50270	ZM_070_B1_G02	ZM_070_B1_G02_T7C	
50271	ZM_070_B1_G02		ZM_070_B1_G02_MR
50272	ZM_070_B1_G03	ZM_070_B1_G03_T7C	
50273	ZM_070_B1_G03		ZM_070_B1_G03_MR
50274	ZM_070_B1_G04	ZM_070_B1_G04_T7C	
50275	ZM_070_B1_G06	ZM_070_B1_G06_T7C	
50276	ZM_070_B1_G06		ZM_070_B1_G06_MR
50277	ZM_070_B1_G07	ZM_070_B1_G07_T7C	
50278	ZM_070_B1_G07		ZM_070_B1_G07_MR
50279	ZM_070_B1_G08	ZM_070_B1_G08_T7C	
50280	ZM_070_B1_G08		ZM_070_B1_G08_MR
50281	ZM_070_B1_G09	ZM_070_B1_G09_T7C	
50282	ZM_070_B1_G09		ZM_070_B1_G09_MR
50283	ZM_070_B1_G10	ZM_070_B1_G10_T7C	
50284	ZM_070_B1_G10		ZM_070_B1_G10_MR
50285	ZM_070_B1_G11	ZM_070_B1_G11_T7C	
50286	ZM_070_B1_G11		ZM_070_B1_G11_MR
50287	ZM_070_B1_G12	ZM_070_B1_G12_T7C	
50288	ZM_070_B1_G12		ZM_070_B1_G12_MR
50289	ZM_070_B1_H02	ZM_070_B1_H02_T7C	
50290	ZM_070_B1_H02		ZM_070_B1_H02_MR
50291	ZM_070_B1_H03	ZM_070_B1_H03_T7C	
50292	ZM_070_B1_H05		ZM_070_B1_H05_MR
50293	ZM_070_B1_H06		ZM_070_B1_H06_MR
50294	ZM_070_B1_H07		ZM_070_B1_H07_MR
50295	ZM_070_B1_H08	ZM_070_B1_H08_T7C	
50296	ZM_070_B1_H08		ZM_070_B1_H08_MR
50297	ZM_070_B1_H09	ZM_070_B1_H09_T7C	
50298	ZM_070_B1_H09		ZM_070_B1_H09_MR
50299	ZM_070_B1_H10	ZM_070_B1_H10_T7C	
50300	ZM_070_B1_H10		ZM_070_B1_H10_MR
50301	ZM_070_B1_H11	ZM_070_B1_H11_T7C	
50302	ZM_070_B1_H12	ZM_070_B1_H12_T7C	
50303	ZM_070_B1_H12		ZM_070_B1_H12_MR
50304	ZM_070_B2_A01		ZM_070_B2_A01_MR
50305	ZM_070_B2_A02		ZM_070_B2_A02_MR
50306	ZM_070_B2_A03		ZM_070_B2_A03_MR
50307	ZM_070_B2_A04		ZM_070_B2_A04_MR
50308	ZM_070_B2_A05		ZM_070_B2_A05_MR
50309	ZM_070_B2_A06		ZM_070_B2_A06_MR
50310	ZM_070_B2_A07		ZM_070_B2_A07_MR
50311	ZM_070_B2_A09		ZM_070_B2_A09_MR
50312	ZM_070_B2_A10		ZM_070_B2_A10_MR
50313	ZM_070_B2_A11		ZM_070_B2_A11_MR
50314	ZM_070_B2_A12		ZM_070_B2_A12_MR
50315	ZM_070_B2_B01		ZM_070_B2_B01_MR
50316	ZM_070_B2_B02		ZM_070_B2_B02_MR
50317	ZM_070_B2_B04		ZM_070_B2_B04_MR
50318	ZM_070_B2_B05		ZM_070_B2_B05_MR
50319	ZM_070_B2_B06		ZM_070_B2_B06_MR
50320	ZM_070_B2_B07		ZM_070_B2_B07_MR
50321	ZM_070_B2_B08		ZM_070_B2_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50322	ZM_070_B2_B09		ZM_070_B2_B09_MR
50323	ZM_070_B2_B10		ZM_070_B2_B10_MR
50324	ZM_070_B2_B11		ZM_070_B2_B11_MR
50325	ZM_070_B2_C01		ZM_070_B2_C01_MR
50326	ZM_070_B2_C02		ZM_070_B2_C02_MR
50327	ZM_070_B2_C03		ZM_070_B2_C03_MR
50328	ZM_070_B2_C04		ZM_070_B2_C04_MR
50329	ZM_070_B2_C05		ZM_070_B2_C05_MR
50330	ZM_070_B2_C06		ZM_070_B2_C06_MR
50331	ZM_070_B2_C08		ZM_070_B2_C08_MR
50332	ZM_070_B2_C10		ZM_070_B2_C10_MR
50333	ZM_070_B2_C11		ZM_070_B2_C11_MR
50334	ZM_070_B2_C12		ZM_070_B2_C12_MR
50335	ZM_070_B2_D01		ZM_070_B2_D01_MR
50336	ZM_070_B2_D02		ZM_070_B2_D02_MR
50337	ZM_070_B2_D03		ZM_070_B2_D03_MR
50338	ZM_070_B2_D04		ZM_070_B2_D04_MR
50339	ZM_070_B2_D05		ZM_070_B2_D05_MR
50340	ZM_070_B2_D07		ZM_070_B2_D07_MR
50341	ZM_070_B2_D08		ZM_070_B2_D08_MR
50342	ZM_070_B2_D10		ZM_070_B2_D10_MR
50343	ZM_070_B2_D11		ZM_070_B2_D11_MR
50344	ZM_070_B2_D12		ZM_070_B2_D12_MR
50345	ZM_070_B2_E01		ZM_070_B2_E01_MR
50346	ZM_070_B2_E02		ZM_070_B2_E02_MR
50347	ZM_070_B2_E03		ZM_070_B2_E03_MR
50348	ZM_070_B2_E04		ZM_070_B2_E04_MR
50349	ZM_070_B2_E05		ZM_070_B2_E05_MR
50350	ZM_070_B2_E06		ZM_070_B2_E06_MR
50351	ZM_070_B2_E07		ZM_070_B2_E07_MR
50352	ZM_070_B2_E08		ZM_070_B2_E08_MR
50353	ZM_070_B2_E09		ZM_070_B2_E09_MR
50354	ZM_070_B2_E12		ZM_070_B2_E12_MR
50355	ZM_070_B2_F01		ZM_070_B2_F01_MR
50356	ZM_070_B2_F02		ZM_070_B2_F02_MR
50357	ZM_070_B2_F04		ZM_070_B2_F04_MR
50358	ZM_070_B2_F05		ZM_070_B2_F05_MR
50359	ZM_070_B2_F06		ZM_070_B2_F06_MR
50360	ZM_070_B2_F08		ZM_070_B2_F08_MR
50361	ZM_070_B2_F11		ZM_070_B2_F11_MR
50362	ZM_070_B2_F12		ZM_070_B2_F12_MR
50363	ZM_070_B2_G03		ZM_070_B2_G03_MR
50364	ZM_070_B2_G04		ZM_070_B2_G04_MR
50365	ZM_070_B2_G05		ZM_070_B2_G05_MR
50366	ZM_070_B2_G06		ZM_070_B2_G06_MR
50367	ZM_070_B2_G07		ZM_070_B2_G07_MR
50368	ZM_070_B2_G09		ZM_070_B2_G09_MR
50369	ZM_070_B2_G10		ZM_070_B2_G10_MR
50370	ZM_070_B2_G11		ZM_070_B2_G11_MR
50371	ZM_070_B2_G12		ZM_070_B2_G12_MR
50372	ZM_070_B2_H01		ZM_070_B2_H01_MR
50373	ZM_070_B2_H02		ZM_070_B2_H02_MR
50374	ZM_070_B2_H03		ZM_070_B2_H03_MR
50375	ZM_070_B2_H04		ZM_070_B2_H04_MR
50376	ZM_070_B2_H05		ZM_070_B2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50377	ZM_070_B2_H06		ZM_070_B2_H06_MR
50378	ZM_070_B2_H07		ZM_070_B2_H07_MR
50379	ZM_070_B2_H08		ZM_070_B2_H08_MR
50380	ZM_070_B2_H09		ZM_070_B2_H09_MR
50381	ZM_070_B2_H10		ZM_070_B2_H10_MR
50382	ZM_070_B2_H12		ZM_070_B2_H12_MR
50383	ZM_071_A1_A02	ZM_071_A1_A02_T7C	
50384	ZM_071_A1_A02		ZM_071_A1_A02_MR
50385	ZM_071_A1_A03	ZM_071_A1_A03_T7C	
50386	ZM_071_A1_A03		ZM_071_A1_A03_MR
50387	ZM_071_A1_A04	ZM_071_A1_A04_T7C	
50388	ZM_071_A1_A04		ZM_071_A1_A04_MR
50389	ZM_071_A1_A05	ZM_071_A1_A05_T7C	
50390	ZM_071_A1_A05		ZM_071_A1_A05_MR
50391	ZM_071_A1_A06	ZM_071_A1_A06_T7C	
50392	ZM_071_A1_A06		ZM_071_A1_A06_MR
50393	ZM_071_A1_A07	ZM_071_A1_A07_T7C	
50394	ZM_071_A1_A07		ZM_071_A1_A07_MR
50395	ZM_071_A1_A08	ZM_071_A1_A08_T7C	
50396	ZM_071_A1_A08		ZM_071_A1_A08_MR
50397	ZM_071_A1_A09		ZM_071_A1_A09_MR
50398	ZM_071_A1_A10	ZM_071_A1_A10_T7C	
50399	ZM_071_A1_A10		ZM_071_A1_A10_MR
50400	ZM_071_A1_A11	ZM_071_A1_A11_T7C	
50401	ZM_071_A1_A11		ZM_071_A1_A11_MR
50402	ZM_071_A1_A12	ZM_071_A1_A12_T7C	
50403	ZM_071_A1_A12		ZM_071_A1_A12_MR
50404	ZM_071_A1_B01	ZM_071_A1_B01_T7C	
50405	ZM_071_A1_B01		ZM_071_A1_B01_MR
50406	ZM_071_A1_B02		ZM_071_A1_B02_MR
50407	ZM_071_A1_B03	ZM_071_A1_B03_T7C	
50408	ZM_071_A1_B03		ZM_071_A1_B03_MR
50409	ZM_071_A1_B04		ZM_071_A1_B04_MR
50410	ZM_071_A1_B05	ZM_071_A1_B05_T7C	
50411	ZM_071_A1_B05		ZM_071_A1_B05_MR
50412	ZM_071_A1_B06	ZM_071_A1_B06_T7C	
50413	ZM_071_A1_B06		ZM_071_A1_B06_MR
50414	ZM_071_A1_B07	ZM_071_A1_B07_T7C	
50415	ZM_071_A1_B07		ZM_071_A1_B07_MR
50416	ZM_071_A1_B08	ZM_071_A1_B08_T7C	
50417	ZM_071_A1_B08		ZM_071_A1_B08_MR
50418	ZM_071_A1_B09	ZM_071_A1_B09_T7C	
50419	ZM_071_A1_B09		ZM_071_A1_B09_MR
50420	ZM_071_A1_B10	ZM_071_A1_B10_T7C	
50421	ZM_071_A1_B10		ZM_071_A1_B10_MR
50422	ZM_071_A1_B11	ZM_071_A1_B11_T7C	
50423	ZM_071_A1_B11		ZM_071_A1_B11_MR
50424	ZM_071_A1_B12	ZM_071_A1_B12_T7C	
50425	ZM_071_A1_B12		ZM_071_A1_B12_MR
50426	ZM_071_A1_C01	ZM_071_A1_C01_T7C	
50427	ZM_071_A1_C01		ZM_071_A1_C01_MR
50428	ZM_071_A1_C02	ZM_071_A1_C02_T7C	
50429	ZM_071_A1_C02		ZM_071_A1_C02_MR
50430	ZM_071_A1_C03	ZM_071_A1_C03_T7C	
50431	ZM_071_A1_C03		ZM_071_A1_C03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50432	ZM_071_A1_C04	ZM_071_A1_C04_T7C	
50433	ZM_071_A1_C04		ZM_071_A1_C04_MR
50434	ZM_071_A1_C05		ZM_071_A1_C05_MR
50435	ZM_071_A1_C06	ZM_071_A1_C06_T7C	
50436	ZM_071_A1_C06		ZM_071_A1_C06_MR
50437	ZM_071_A1_C07		ZM_071_A1_C07_MR
50438	ZM_071_A1_C08	ZM_071_A1_C08_T7C	
50439	ZM_071_A1_C08		ZM_071_A1_C08_MR
50440	ZM_071_A1_C09	ZM_071_A1_C09_T7C	
50441	ZM_071_A1_C09		ZM_071_A1_C09_MR
50442	ZM_071_A1_C10	ZM_071_A1_C10_T7C	
50443	ZM_071_A1_C10		ZM_071_A1_C10_MR
50444	ZM_071_A1_C11	ZM_071_A1_C11_T7C	
50445	ZM_071_A1_C11		ZM_071_A1_C11_MR
50446	ZM_071_A1_C12	ZM_071_A1_C12_T7C	
50447	ZM_071_A1_C12		ZM_071_A1_C12_MR
50448	ZM_071_A1_D01	ZM_071_A1_D01_T7C	
50449	ZM_071_A1_D01		ZM_071_A1_D01_MR
50450	ZM_071_A1_D02	ZM_071_A1_D02_T7C	
50451	ZM_071_A1_D02		ZM_071_A1_D02_MR
50452	ZM_071_A1_D03		ZM_071_A1_D03_MR
50453	ZM_071_A1_D04		ZM_071_A1_D04_MR
50454	ZM_071_A1_D05	ZM_071_A1_D05_T7C	
50455	ZM_071_A1_D05		ZM_071_A1_D05_MR
50456	ZM_071_A1_D06	ZM_071_A1_D06_T7C	
50457	ZM_071_A1_D06		ZM_071_A1_D06_MR
50458	ZM_071_A1_D07	ZM_071_A1_D07_T7C	
50459	ZM_071_A1_D07		ZM_071_A1_D07_MR
50460	ZM_071_A1_D08		ZM_071_A1_D08_MR
50461	ZM_071_A1_D09		ZM_071_A1_D09_MR
50462	ZM_071_A1_D10	ZM_071_A1_D10_T7C	
50463	ZM_071_A1_D10		ZM_071_A1_D10_MR
50464	ZM_071_A1_D11	ZM_071_A1_D11_T7C	
50465	ZM_071_A1_D11		ZM_071_A1_D11_MR
50466	ZM_071_A1_D12		ZM_071_A1_D12_MR
50467	ZM_071_A1_E01	ZM_071_A1_E01_T7C	
50468	ZM_071_A1_E01		ZM_071_A1_E01_MR
50469	ZM_071_A1_E02	ZM_071_A1_E02_T7C	
50470	ZM_071_A1_E02		ZM_071_A1_E02_MR
50471	ZM_071_A1_E03		ZM_071_A1_E03_MR
50472	ZM_071_A1_E04		ZM_071_A1_E04_MR
50473	ZM_071_A1_E05		ZM_071_A1_E05_MR
50474	ZM_071_A1_E06		ZM_071_A1_E06_MR
50475	ZM_071_A1_E07	ZM_071_A1_E07_T7C	
50476	ZM_071_A1_E07		ZM_071_A1_E07_MR
50477	ZM_071_A1_E08		ZM_071_A1_E08_MR
50478	ZM_071_A1_E09		ZM_071_A1_E09_MR
50479	ZM_071_A1_E10	ZM_071_A1_E10_T7C	
50480	ZM_071_A1_E10		ZM_071_A1_E10_MR
50481	ZM_071_A1_E11	ZM_071_A1_E11_T7C	
50482	ZM_071_A1_E11		ZM_071_A1_E11_MR
50483	ZM_071_A1_E12		ZM_071_A1_E12_MR
50484	ZM_071_A1_F01	ZM_071_A1_F01_T7C	
50485	ZM_071_A1_F01		ZM_071_A1_F01_MR
50486	ZM_071_A1_F02	ZM_071_A1_F02_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50487	ZM_071_A1_F02		ZM_071_A1_F02_MR
50488	ZM_071_A1_F03		ZM_071_A1_F03_MR
50489	ZM_071_A1_F05	ZM_071_A1_F05_T7C	
50490	ZM_071_A1_F05		ZM_071_A1_F05_MR
50491	ZM_071_A1_F06	ZM_071_A1_F06_T7C	
50492	ZM_071_A1_F06		ZM_071_A1_F06_MR
50493	ZM_071_A1_F07	ZM_071_A1_F07_T7C	
50494	ZM_071_A1_F07		ZM_071_A1_F07_MR
50495	ZM_071_A1_F08	ZM_071_A1_F08_T7C	
50496	ZM_071_A1_F08		ZM_071_A1_F08_MR
50497	ZM_071_A1_F10	ZM_071_A1_F10_T7C	
50498	ZM_071_A1_F10		ZM_071_A1_F10_MR
50499	ZM_071_A1_F11	ZM_071_A1_F11_T7C	
50500	ZM_071_A1_F11		ZM_071_A1_F11_MR
50501	ZM_071_A1_F12		ZM_071_A1_F12_MR
50502	ZM_071_A1_G01	ZM_071_A1_G01_T7C	
50503	ZM_071_A1_G01		ZM_071_A1_G01_MR
50504	ZM_071_A1_G02	ZM_071_A1_G02_T7C	
50505	ZM_071_A1_G02		ZM_071_A1_G02_MR
50506	ZM_071_A1_G03		ZM_071_A1_G03_MR
50507	ZM_071_A1_G04		ZM_071_A1_G04_MR
50508	ZM_071_A1_G05		ZM_071_A1_G05_MR
50509	ZM_071_A1_G06	ZM_071_A1_G06_T7C	
50510	ZM_071_A1_G06		ZM_071_A1_G06_MR
50511	ZM_071_A1_G07	ZM_071_A1_G07_T7C	
50512	ZM_071_A1_G07		ZM_071_A1_G07_MR
50513	ZM_071_A1_G08		ZM_071_A1_G08_MR
50514	ZM_071_A1_G09		ZM_071_A1_G09_MR
50515	ZM_071_A1_G10	ZM_071_A1_G10_T7C	
50516	ZM_071_A1_G10		ZM_071_A1_G10_MR
50517	ZM_071_A1_G11	ZM_071_A1_G11_T7C	
50518	ZM_071_A1_G11		ZM_071_A1_G11_MR
50519	ZM_071_A1_G12		ZM_071_A1_G12_MR
50520	ZM_071_A1_H01		ZM_071_A1_H01_MR
50521	ZM_071_A1_H02	ZM_071_A1_H02_T7C	
50522	ZM_071_A1_H02		ZM_071_A1_H02_MR
50523	ZM_071_A1_H03		ZM_071_A1_H03_MR
50524	ZM_071_A1_H04		ZM_071_A1_H04_MR
50525	ZM_071_A1_H05	ZM_071_A1_H05_T7C	
50526	ZM_071_A1_H05		ZM_071_A1_H05_MR
50527	ZM_071_A1_H07	ZM_071_A1_H07_T7C	
50528	ZM_071_A1_H07		ZM_071_A1_H07_MR
50529	ZM_071_A1_H08	ZM_071_A1_H08_T7C	
50530	ZM_071_A1_H08		ZM_071_A1_H08_MR
50531	ZM_071_A1_H09		ZM_071_A1_H09_MR
50532	ZM_071_A1_H10	ZM_071_A1_H10_T7C	
50533	ZM_071_A1_H10		ZM_071_A1_H10_MR
50534	ZM_071_A1_H11	ZM_071_A1_H11_T7C	
50535	ZM_071_A1_H11		ZM_071_A1_H11_MR
50536	ZM_071_A1_H12		ZM_071_A1_H12_MR
50537	ZM_071_A2_A01	ZM_071_A2_A01_T7C	
50538	ZM_071_A2_A01		ZM_071_A2_A01_MR
50539	ZM_071_A2_A02	ZM_071_A2_A02_T7C	
50540	ZM_071_A2_A02		ZM_071_A2_A02_MR
50541	ZM_071_A2_A04	ZM_071_A2_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50542	ZM_071_A2_A04		ZM_071_A2_A04_MR
50543	ZM_071_A2_A05	ZM_071_A2_A05_T7C	ZM_071_A2_A05_MR
50544	ZM_071_A2_A05		ZM_071_A2_A07_MR
50545	ZM_071_A2_A07		
50546	ZM_071_A2_A08	ZM_071_A2_A08_T7C	ZM_071_A2_A08_MR
50547	ZM_071_A2_A08		
50548	ZM_071_A2_A09	ZM_071_A2_A09_T7C	
50549	ZM_071_A2_A10	ZM_071_A2_A10_T7C	ZM_071_A2_A10_MR
50550	ZM_071_A2_A10		
50551	ZM_071_A2_A11	ZM_071_A2_A11_T7C	ZM_071_A2_A11_MR
50552	ZM_071_A2_A11		
50553	ZM_071_A2_A12	ZM_071_A2_A12_T7C	ZM_071_A2_A12_MR
50554	ZM_071_A2_A12		
50555	ZM_071_A2_B01	ZM_071_A2_B01_T7C	
50556	ZM_071_A2_B02	ZM_071_A2_B02_T7C	ZM_071_A2_B02_MR
50557	ZM_071_A2_B02		
50558	ZM_071_A2_B04	ZM_071_A2_B04_T7C	ZM_071_A2_B04_MR
50559	ZM_071_A2_B04		
50560	ZM_071_A2_B05	ZM_071_A2_B05_T7C	ZM_071_A2_B05_MR
50561	ZM_071_A2_B05		
50562	ZM_071_A2_B06	ZM_071_A2_B06_T7C	ZM_071_A2_B06_MR
50563	ZM_071_A2_B06		
50564	ZM_071_A2_B07	ZM_071_A2_B07_T7C	ZM_071_A2_B07_MR
50565	ZM_071_A2_B07		
50566	ZM_071_A2_B08	ZM_071_A2_B08_T7C	ZM_071_A2_B08_MR
50567	ZM_071_A2_B08		
50568	ZM_071_A2_B09	ZM_071_A2_B09_T7C	
50569	ZM_071_A2_B10	ZM_071_A2_B10_T7C	ZM_071_A2_B10_MR
50570	ZM_071_A2_B10		
50571	ZM_071_A2_B11	ZM_071_A2_B11_T7C	ZM_071_A2_B11_MR
50572	ZM_071_A2_B11		
50573	ZM_071_A2_B12	ZM_071_A2_B12_T7C	ZM_071_A2_B12_MR
50574	ZM_071_A2_B12		
50575	ZM_071_A2_C01	ZM_071_A2_C01_T7C	ZM_071_A2_C01_MR
50576	ZM_071_A2_C01		
50577	ZM_071_A2_C02	ZM_071_A2_C02_T7C	ZM_071_A2_C02_MR
50578	ZM_071_A2_C02		
50579	ZM_071_A2_C03	ZM_071_A2_C03_T7C	ZM_071_A2_C03_MR
50580	ZM_071_A2_C03		
50581	ZM_071_A2_C04	ZM_071_A2_C04_T7C	ZM_071_A2_C04_MR
50582	ZM_071_A2_C04		ZM_071_A2_C06_MR
50583	ZM_071_A2_C06		
50584	ZM_071_A2_C07	ZM_071_A2_C07_T7C	ZM_071_A2_C07_MR
50585	ZM_071_A2_C07		
50586	ZM_071_A2_C08	ZM_071_A2_C08_T7C	ZM_071_A2_C08_MR
50587	ZM_071_A2_C08		ZM_071_A2_C09_MR
50588	ZM_071_A2_C09		
50589	ZM_071_A2_C10	ZM_071_A2_C10_T7C	ZM_071_A2_C10_MR
50590	ZM_071_A2_C10		
50591	ZM_071_A2_C11	ZM_071_A2_C11_T7C	ZM_071_A2_C11_MR
50592	ZM_071_A2_C11		
50593	ZM_071_A2_C12	ZM_071_A2_C12_T7C	ZM_071_A2_C12_MR
50594	ZM_071_A2_C12		
50595	ZM_071_A2_D01	ZM_071_A2_D01_T7C	ZM_071_A2_D01_MR
50596	ZM_071_A2_D01		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50597	ZM_071_A2_D02	ZM_071_A2_D02_T7C	ZM_071_A2_D02_MR
50598	ZM_071_A2_D02		
50599	ZM_071_A2_D03	ZM_071_A2_D03_T7C	ZM_071_A2_D03_MR
50600	ZM_071_A2_D03		
50601	ZM_071_A2_D04	ZM_071_A2_D04_T7C	ZM_071_A2_D04_MR
50602	ZM_071_A2_D04		
50603	ZM_071_A2_D05	ZM_071_A2_D05_T7C	ZM_071_A2_D05_MR
50604	ZM_071_A2_D05		
50605	ZM_071_A2_D07	ZM_071_A2_D07_T7C	ZM_071_A2_D07_MR
50606	ZM_071_A2_D07		
50607	ZM_071_A2_D08	ZM_071_A2_D08_T7C	ZM_071_A2_D08_MR
50608	ZM_071_A2_D08		
50609	ZM_071_A2_D09	ZM_071_A2_D09_T7C	ZM_071_A2_D09_MR
50610	ZM_071_A2_D09		
50611	ZM_071_A2_D10	ZM_071_A2_D10_T7C	ZM_071_A2_D10_MR
50612	ZM_071_A2_D10		
50613	ZM_071_A2_D11	ZM_071_A2_D11_T7C	ZM_071_A2_D11_MR
50614	ZM_071_A2_D11		
50615	ZM_071_A2_D12	ZM_071_A2_D12_T7C	
50616	ZM_071_A2_D12		ZM_071_A2_D12_MR
50617	ZM_071_A2_E01		ZM_071_A2_E01_MR
50618	ZM_071_A2_E02		ZM_071_A2_E02_MR
50619	ZM_071_A2_E03	ZM_071_A2_E03_T7C	
50620	ZM_071_A2_E04	ZM_071_A2_E04_T7C	
50621	ZM_071_A2_E04		ZM_071_A2_E04_MR
50622	ZM_071_A2_E05	ZM_071_A2_E05_T7C	
50623	ZM_071_A2_E05		ZM_071_A2_E05_MR
50624	ZM_071_A2_E06		ZM_071_A2_E06_MR
50625	ZM_071_A2_E08	ZM_071_A2_E08_T7C	
50626	ZM_071_A2_E08		ZM_071_A2_E08_MR
50627	ZM_071_A2_E09	ZM_071_A2_E09_T7C	
50628	ZM_071_A2_E10	ZM_071_A2_E10_T7C	
50629	ZM_071_A2_E10		ZM_071_A2_E10_MR
50630	ZM_071_A2_E11	ZM_071_A2_E11_T7C	
50631	ZM_071_A2_E11		ZM_071_A2_E11_MR
50632	ZM_071_A2_E12	ZM_071_A2_E12_T7C	
50633	ZM_071_A2_E12		ZM_071_A2_E12_MR
50634	ZM_071_A2_F01	ZM_071_A2_F01_T7C	
50635	ZM_071_A2_F01		ZM_071_A2_F01_MR
50636	ZM_071_A2_F03	ZM_071_A2_F03_T7C	
50637	ZM_071_A2_F03		ZM_071_A2_F03_MR
50638	ZM_071_A2_F04	ZM_071_A2_F04_T7C	
50639	ZM_071_A2_F04		ZM_071_A2_F04_MR
50640	ZM_071_A2_F05	ZM_071_A2_F05_T7C	
50641	ZM_071_A2_F05		ZM_071_A2_F05_MR
50642	ZM_071_A2_F07	ZM_071_A2_F07_T7C	
50643	ZM_071_A2_F07		ZM_071_A2_F07_MR
50644	ZM_071_A2_F08	ZM_071_A2_F08_T7C	
50645	ZM_071_A2_F08		ZM_071_A2_F08_MR
50646	ZM_071_A2_F09	ZM_071_A2_F09_T7C	
50647	ZM_071_A2_F09		ZM_071_A2_F09_MR
50648	ZM_071_A2_F10	ZM_071_A2_F10_T7C	
50649	ZM_071_A2_F10		ZM_071_A2_F10_MR
50650	ZM_071_A2_F11	ZM_071_A2_F11_T7C	
50651	ZM_071_A2_G01	ZM_071_A2_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50652	ZM_071_A2_G01		ZM_071_A2_G01_MR
50653	ZM_071_A2_G03	ZM_071_A2_G03_T7C	
50654	ZM_071_A2_G03		ZM_071_A2_G03_MR
50655	ZM_071_A2_G04	ZM_071_A2_G04_T7C	
50656	ZM_071_A2_G04		ZM_071_A2_G04_MR
50657	ZM_071_A2_G07	ZM_071_A2_G07_T7C	
50658	ZM_071_A2_G07		ZM_071_A2_G07_MR
50659	ZM_071_A2_G08	ZM_071_A2_G08_T7C	
50660	ZM_071_A2_G09	ZM_071_A2_G09_T7C	
50661	ZM_071_A2_G09		ZM_071_A2_G09_MR
50662	ZM_071_A2_G10	ZM_071_A2_G10_T7C	
50663	ZM_071_A2_G10		ZM_071_A2_G10_MR
50664	ZM_071_A2_G11	ZM_071_A2_G11_T7C	
50665	ZM_071_A2_G11		ZM_071_A2_G11_MR
50666	ZM_071_A2_G12	ZM_071_A2_G12_T7C	
50667	ZM_071_A2_G12		ZM_071_A2_G12_MR
50668	ZM_071_A2_H01	ZM_071_A2_H01_T7C	
50669	ZM_071_A2_H01		ZM_071_A2_H01_MR
50670	ZM_071_A2_H02	ZM_071_A2_H02_T7C	
50671	ZM_071_A2_H02		ZM_071_A2_H02_MR
50672	ZM_071_A2_H03		ZM_071_A2_H03_MR
50673	ZM_071_A2_H04	ZM_071_A2_H04_T7C	
50674	ZM_071_A2_H04		ZM_071_A2_H04_MR
50675	ZM_071_A2_H05	ZM_071_A2_H05_T7C	
50676	ZM_071_A2_H05		ZM_071_A2_H05_MR
50677	ZM_071_A2_H06		ZM_071_A2_H06_MR
50678	ZM_071_A2_H07	ZM_071_A2_H07_T7C	
50679	ZM_071_A2_H07		ZM_071_A2_H07_MR
50680	ZM_071_A2_H08	ZM_071_A2_H08_T7C	
50681	ZM_071_A2_H08		ZM_071_A2_H08_MR
50682	ZM_071_A2_H09	ZM_071_A2_H09_T7C	
50683	ZM_071_A2_H10	ZM_071_A2_H10_T7C	
50684	ZM_071_A2_H10		ZM_071_A2_H10_MR
50685	ZM_071_A2_H11	ZM_071_A2_H11_T7C	
50686	ZM_071_A2_H11		ZM_071_A2_H11_MR
50687	ZM_071_B1_A03	ZM_071_B1_A03_T7C	
50688	ZM_071_B1_A04	ZM_071_B1_A04_T7C	
50689	ZM_071_B1_A06	ZM_071_B1_A06_T7C	
50690	ZM_071_B1_A07	ZM_071_B1_A07_T7C	
50691	ZM_071_B1_A08	ZM_071_B1_A08_T7C	
50692	ZM_071_B1_A09	ZM_071_B1_A09_T7C	
50693	ZM_071_B1_A12	ZM_071_B1_A12_T7C	
50694	ZM_071_B1_B01	ZM_071_B1_B01_T7C	
50695	ZM_071_B1_B02	ZM_071_B1_B02_T7C	
50696	ZM_071_B1_B03	ZM_071_B1_B03_T7C	
50697	ZM_071_B1_B04	ZM_071_B1_B04_T7C	
50698	ZM_071_B1_B05	ZM_071_B1_B05_T7C	
50699	ZM_071_B1_B06	ZM_071_B1_B06_T7C	
50700	ZM_071_B1_B08	ZM_071_B1_B08_T7C	
50701	ZM_071_B1_B09	ZM_071_B1_B09_T7C	
50702	ZM_071_B1_B11	ZM_071_B1_B11_T7C	
50703	ZM_071_B1_B12	ZM_071_B1_B12_T7C	
50704	ZM_071_B1_C01	ZM_071_B1_C01_T7C	
50705	ZM_071_B1_C03	ZM_071_B1_C03_T7C	
50706	ZM_071_B1_C04	ZM_071_B1_C04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50707	ZM_071_B1_C05	ZM_071_B1_C05_T7C	
50708	ZM_071_B1_C06	ZM_071_B1_C06_T7C	
50709	ZM_071_B1_C07	ZM_071_B1_C07_T7C	
50710	ZM_071_B1_C08	ZM_071_B1_C08_T7C	
50711	ZM_071_B1_C11	ZM_071_B1_C11_T7C	
50712	ZM_071_B1_C12	ZM_071_B1_C12_T7C	
50713	ZM_071_B1_D01	ZM_071_B1_D01_T7C	
50714	ZM_071_B1_D02	ZM_071_B1_D02_T7C	
50715	ZM_071_B1_D03	ZM_071_B1_D03_T7C	
50716	ZM_071_B1_D04	ZM_071_B1_D04_T7C	
50717	ZM_071_B1_D05	ZM_071_B1_D05_T7C	
50718	ZM_071_B1_D06	ZM_071_B1_D06_T7C	
50719	ZM_071_B1_D07	ZM_071_B1_D07_T7C	
50720	ZM_071_B1_D09	ZM_071_B1_D09_T7C	
50721	ZM_071_B1_D10	ZM_071_B1_D10_T7C	
50722	ZM_071_B1_D11	ZM_071_B1_D11_T7C	
50723	ZM_071_B1_D12	ZM_071_B1_D12_T7C	
50724	ZM_071_B1_E01	ZM_071_B1_E01_T7C	
50725	ZM_071_B1_E02	ZM_071_B1_E02_T7C	
50726	ZM_071_B1_E04	ZM_071_B1_E04_T7C	
50727	ZM_071_B1_E05	ZM_071_B1_E05_T7C	
50728	ZM_071_B1_E06	ZM_071_B1_E06_T7C	
50729	ZM_071_B1_E08	ZM_071_B1_E08_T7C	
50730	ZM_071_B1_E09	ZM_071_B1_E09_T7C	
50731	ZM_071_B1_E11	ZM_071_B1_E11_T7C	
50732	ZM_071_B1_E12	ZM_071_B1_E12_T7C	
50733	ZM_071_B1_F01	ZM_071_B1_F01_T7C	
50734	ZM_071_B1_F02	ZM_071_B1_F02_T7C	
50735	ZM_071_B1_F03	ZM_071_B1_F03_T7C	
50736	ZM_071_B1_F07	ZM_071_B1_F07_T7C	
50737	ZM_071_B1_F09	ZM_071_B1_F09_T7C	
50738	ZM_071_B1_G04	ZM_071_B1_G04_T7C	
50739	ZM_071_B1_G05	ZM_071_B1_G05_T7C	
50740	ZM_071_B1_G06	ZM_071_B1_G06_T7C	
50741	ZM_071_B1_G07	ZM_071_B1_G07_T7C	
50742	ZM_071_B1_G08	ZM_071_B1_G08_T7C	
50743	ZM_071_B1_G09	ZM_071_B1_G09_T7C	
50744	ZM_071_B1_G10	ZM_071_B1_G10_T7C	
50745	ZM_071_B1_G11	ZM_071_B1_G11_T7C	
50746	ZM_071_B1_G12	ZM_071_B1_G12_T7C	
50747	ZM_071_B1_H01	ZM_071_B1_H01_T7C	
50748	ZM_071_B1_H02	ZM_071_B1_H02_T7C	
50749	ZM_071_B1_H05	ZM_071_B1_H05_T7C	
50750	ZM_071_B1_H06	ZM_071_B1_H06_T7C	
50751	ZM_071_B1_H07	ZM_071_B1_H07_T7C	
50752	ZM_071_B1_H10	ZM_071_B1_H10_T7C	
50753	ZM_071_B1_H11	ZM_071_B1_H11_T7C	
50754	ZM_071_B1_H12	ZM_071_B1_H12_T7C	
50755	ZM_072_A1_A02	ZM_072_A1_A02_T7C	
50756	ZM_072_A1_A02		ZM_072_A1_A02_MR
50757	ZM_072_A1_A03	ZM_072_A1_A03_T7C	
50758	ZM_072_A1_A04	ZM_072_A1_A04_T7C	
50759	ZM_072_A1_A05	ZM_072_A1_A05_T7C	
50760	ZM_072_A1_A05		ZM_072_A1_A05_MR
50761	ZM_072_A1_A06	ZM_072_A1_A06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50762	ZM_072_A1_A06		ZM_072_A1_A06_MR
50763	ZM_072_A1_A07	ZM_072_A1_A07_T7C	
50764	ZM_072_A1_A08	ZM_072_A1_A08_T7C	
50765	ZM_072_A1_A09	ZM_072_A1_A09_T7C	
50766	ZM_072_A1_A09		ZM_072_A1_A09_MR
50767	ZM_072_A1_A10	ZM_072_A1_A10_T7C	
50768	ZM_072_A1_A10		ZM_072_A1_A10_MR
50769	ZM_072_A1_A11	ZM_072_A1_A11_T7C	
50770	ZM_072_A1_A11		ZM_072_A1_A11_MR
50771	ZM_072_A1_A12	ZM_072_A1_A12_T7C	
50772	ZM_072_A1_A12		ZM_072_A1_A12_MR
50773	ZM_072_A1_B01	ZM_072_A1_B01_T7C	
50774	ZM_072_A1_B01		ZM_072_A1_B01_MR
50775	ZM_072_A1_B03	ZM_072_A1_B03_T7C	
50776	ZM_072_A1_B04	ZM_072_A1_B04_T7C	
50777	ZM_072_A1_B05	ZM_072_A1_B05_T7C	
50778	ZM_072_A1_B05		ZM_072_A1_B05_MR
50779	ZM_072_A1_B08	ZM_072_A1_B08_T7C	
50780	ZM_072_A1_B08		ZM_072_A1_B08_MR
50781	ZM_072_A1_B09	ZM_072_A1_B09_T7C	
50782	ZM_072_A1_B10	ZM_072_A1_B10_T7C	
50783	ZM_072_A1_B10		ZM_072_A1_B10_MR
50784	ZM_072_A1_B11	ZM_072_A1_B11_T7C	
50785	ZM_072_A1_B11		ZM_072_A1_B11_MR
50786	ZM_072_A1_B12	ZM_072_A1_B12_T7C	
50787	ZM_072_A1_B12		ZM_072_A1_B12_MR
50788	ZM_072_A1_C01	ZM_072_A1_C01_T7C	
50789	ZM_072_A1_C01		ZM_072_A1_C01_MR
50790	ZM_072_A1_C02	ZM_072_A1_C02_T7C	
50791	ZM_072_A1_C03	ZM_072_A1_C03_T7C	
50792	ZM_072_A1_C03		ZM_072_A1_C03_MR
50793	ZM_072_A1_C04	ZM_072_A1_C04_T7C	
50794	ZM_072_A1_C04		ZM_072_A1_C04_MR
50795	ZM_072_A1_C05	ZM_072_A1_C05_T7C	
50796	ZM_072_A1_C05		ZM_072_A1_C05_MR
50797	ZM_072_A1_C06	ZM_072_A1_C06_T7C	
50798	ZM_072_A1_C07	ZM_072_A1_C07_T7C	
50799	ZM_072_A1_C08	ZM_072_A1_C08_T7C	
50800	ZM_072_A1_C08		ZM_072_A1_C08_MR
50801	ZM_072_A1_C09	ZM_072_A1_C09_T7C	
50802	ZM_072_A1_C10	ZM_072_A1_C10_T7C	
50803	ZM_072_A1_C10		ZM_072_A1_C10_MR
50804	ZM_072_A1_C11	ZM_072_A1_C11_T7C	
50805	ZM_072_A1_C12	ZM_072_A1_C12_T7C	
50806	ZM_072_A1_C12		ZM_072_A1_C12_MR
50807	ZM_072_A1_D01	ZM_072_A1_D01_T7C	
50808	ZM_072_A1_D02	ZM_072_A1_D02_T7C	
50809	ZM_072_A1_D03	ZM_072_A1_D03_T7C	
50810	ZM_072_A1_D03		ZM_072_A1_D03_MR
50811	ZM_072_A1_D04	ZM_072_A1_D04_T7C	
50812	ZM_072_A1_D04		ZM_072_A1_D04_MR
50813	ZM_072_A1_D05	ZM_072_A1_D05_T7C	
50814	ZM_072_A1_D05		ZM_072_A1_D05_MR
50815	ZM_072_A1_D07	ZM_072_A1_D07_T7C	
50816	ZM_072_A1_D08	ZM_072_A1_D08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50817	ZM_072_A1_D09	ZM_072_A1_D09_T7C	
50818	ZM_072_A1_D09		ZM_072_A1_D09_MR
50819	ZM_072_A1_D10	ZM_072_A1_D10_T7C	
50820	ZM_072_A1_D10		ZM_072_A1_D10_MR
50821	ZM_072_A1_D11	ZM_072_A1_D11_T7C	
50822	ZM_072_A1_D12	ZM_072_A1_D12_T7C	
50823	ZM_072_A1_E01	ZM_072_A1_E01_T7C	
50824	ZM_072_A1_E02	ZM_072_A1_E02_T7C	
50825	ZM_072_A1_E03	ZM_072_A1_E03_T7C	
50826	ZM_072_A1_E03		ZM_072_A1_E03_MR
50827	ZM_072_A1_E04	ZM_072_A1_E04_T7C	
50828	ZM_072_A1_E04		ZM_072_A1_E04_MR
50829	ZM_072_A1_E05	ZM_072_A1_E05_T7C	
50830	ZM_072_A1_E05		ZM_072_A1_E05_MR
50831	ZM_072_A1_E07	ZM_072_A1_E07_T7C	
50832	ZM_072_A1_E08	ZM_072_A1_E08_T7C	
50833	ZM_072_A1_E08		ZM_072_A1_E08_MR
50834	ZM_072_A1_E09	ZM_072_A1_E09_T7C	
50835	ZM_072_A1_E09		ZM_072_A1_E09_MR
50836	ZM_072_A1_E10	ZM_072_A1_E10_T7C	
50837	ZM_072_A1_E11	ZM_072_A1_E11_T7C	
50838	ZM_072_A1_E12	ZM_072_A1_E12_T7C	
50839	ZM_072_A1_E12		ZM_072_A1_E12_MR
50840	ZM_072_A1_F01	ZM_072_A1_F01_T7C	
50841	ZM_072_A1_F01		ZM_072_A1_F01_MR
50842	ZM_072_A1_F02	ZM_072_A1_F02_T7C	
50843	ZM_072_A1_F03	ZM_072_A1_F03_T7C	
50844	ZM_072_A1_F04	ZM_072_A1_F04_T7C	
50845	ZM_072_A1_F04		ZM_072_A1_F04_MR
50846	ZM_072_A1_F05	ZM_072_A1_F05_T7C	
50847	ZM_072_A1_F05		ZM_072_A1_F05_MR
50848	ZM_072_A1_F06	ZM_072_A1_F06_T7C	
50849	ZM_072_A1_F07	ZM_072_A1_F07_T7C	
50850	ZM_072_A1_F08	ZM_072_A1_F08_T7C	
50851	ZM_072_A1_F09	ZM_072_A1_F09_T7C	
50852	ZM_072_A1_F09		ZM_072_A1_F09_MR
50853	ZM_072_A1_F10	ZM_072_A1_F10_T7C	
50854	ZM_072_A1_F10		ZM_072_A1_F10_MR
50855	ZM_072_A1_F11	ZM_072_A1_F11_T7C	
50856	ZM_072_A1_F12	ZM_072_A1_F12_T7C	
50857	ZM_072_A1_G01	ZM_072_A1_G01_T7C	
50858	ZM_072_A1_G02	ZM_072_A1_G02_T7C	
50859	ZM_072_A1_G03	ZM_072_A1_G03_T7C	
50860	ZM_072_A1_G04	ZM_072_A1_G04_T7C	
50861	ZM_072_A1_G05	ZM_072_A1_G05_T7C	
50862	ZM_072_A1_G05		ZM_072_A1_G05_MR
50863	ZM_072_A1_G06	ZM_072_A1_G06_T7C	
50864	ZM_072_A1_G07	ZM_072_A1_G07_T7C	
50865	ZM_072_A1_G08	ZM_072_A1_G08_T7C	
50866	ZM_072_A1_G09	ZM_072_A1_G09_T7C	
50867	ZM_072_A1_G09		ZM_072_A1_G09_MR
50868	ZM_072_A1_G10	ZM_072_A1_G10_T7C	
50869	ZM_072_A1_G10		ZM_072_A1_G10_MR
50870	ZM_072_A1_G11	ZM_072_A1_G11_T7C	
50871	ZM_072_A1_G12	ZM_072_A1_G12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50872	ZM_072_A1_G12		ZM_072_A1_G12_MR
50873	ZM_072_A1_H01		ZM_072_A1_H01_MR
50874	ZM_072_A1_H02	ZM_072_A1_H02_T7C	
50875	ZM_072_A1_H03	ZM_072_A1_H03_T7C	
50876	ZM_072_A1_H03		ZM_072_A1_H03_MR
50877	ZM_072_A1_H04	ZM_072_A1_H04_T7C	
50878	ZM_072_A1_H04		ZM_072_A1_H04_MR
50879	ZM_072_A1_H05	ZM_072_A1_H05_T7C	
50880	ZM_072_A1_H05		ZM_072_A1_H05_MR
50881	ZM_072_A1_H06	ZM_072_A1_H06_T7C	
50882	ZM_072_A1_H06		ZM_072_A1_H06_MR
50883	ZM_072_A1_H07	ZM_072_A1_H07_T7C	
50884	ZM_072_A1_H08	ZM_072_A1_H08_T7C	
50885	ZM_072_A1_H09	ZM_072_A1_H09_T7C	
50886	ZM_072_A1_H09		ZM_072_A1_H09_MR
50887	ZM_072_A1_H10	ZM_072_A1_H10_T7C	
50888	ZM_072_A1_H10		ZM_072_A1_H10_MR
50889	ZM_072_A1_H11	ZM_072_A1_H11_T7C	
50890	ZM_072_A1_H12	ZM_072_A1_H12_T7C	
50891	ZM_072_A2_A01	ZM_072_A2_A01_T7C	
50892	ZM_072_A2_A01		ZM_072_A2_A01_MR
50893	ZM_072_A2_A02	ZM_072_A2_A02_T7C	
50894	ZM_072_A2_A02		ZM_072_A2_A02_MR
50895	ZM_072_A2_A03	ZM_072_A2_A03_T7C	
50896	ZM_072_A2_A03		ZM_072_A2_A03_MR
50897	ZM_072_A2_A04	ZM_072_A2_A04_T7C	
50898	ZM_072_A2_A04		ZM_072_A2_A04_MR
50899	ZM_072_A2_A05	ZM_072_A2_A05_T7C	
50900	ZM_072_A2_A05		ZM_072_A2_A05_MR
50901	ZM_072_A2_A06	ZM_072_A2_A06_T7C	
50902	ZM_072_A2_A06		ZM_072_A2_A06_MR
50903	ZM_072_A2_A07	ZM_072_A2_A07_T7C	
50904	ZM_072_A2_A07		ZM_072_A2_A07_MR
50905	ZM_072_A2_A08	ZM_072_A2_A08_T7C	
50906	ZM_072_A2_A08		ZM_072_A2_A08_MR
50907	ZM_072_A2_A09	ZM_072_A2_A09_T7C	
50908	ZM_072_A2_A09		ZM_072_A2_A09_MR
50909	ZM_072_A2_A10	ZM_072_A2_A10_T7C	
50910	ZM_072_A2_A10		ZM_072_A2_A10_MR
50911	ZM_072_A2_A11	ZM_072_A2_A11_T7C	
50912	ZM_072_A2_A11		ZM_072_A2_A11_MR
50913	ZM_072_A2_A12	ZM_072_A2_A12_T7C	
50914	ZM_072_A2_A12		ZM_072_A2_A12_MR
50915	ZM_072_A2_B01	ZM_072_A2_B01_T7C	
50916	ZM_072_A2_B01		ZM_072_A2_B01_MR
50917	ZM_072_A2_B02	ZM_072_A2_B02_T7C	
50918	ZM_072_A2_B02		ZM_072_A2_B02_MR
50919	ZM_072_A2_B03		ZM_072_A2_B03_MR
50920	ZM_072_A2_B05	ZM_072_A2_B05_T7C	
50921	ZM_072_A2_B06	ZM_072_A2_B06_T7C	
50922	ZM_072_A2_B06		ZM_072_A2_B06_MR
50923	ZM_072_A2_B07	ZM_072_A2_B07_T7C	
50924	ZM_072_A2_B07		ZM_072_A2_B07_MR
50925	ZM_072_A2_B08	ZM_072_A2_B08_T7C	
50926	ZM_072_A2_B08		ZM_072_A2_B08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50927	ZM_072_A2_B09		ZM_072_A2_B09_MR
50928	ZM_072_A2_B10	ZM_072_A2_B10_T7C	
50929	ZM_072_A2_B10		ZM_072_A2_B10_MR
50930	ZM_072_A2_B11	ZM_072_A2_B11_T7C	
50931	ZM_072_A2_B11		ZM_072_A2_B11_MR
50932	ZM_072_A2_B12	ZM_072_A2_B12_T7C	
50933	ZM_072_A2_B12		ZM_072_A2_B12_MR
50934	ZM_072_A2_C01		ZM_072_A2_C01_MR
50935	ZM_072_A2_C02	ZM_072_A2_C02_T7C	
50936	ZM_072_A2_C03	ZM_072_A2_C03_T7C	
50937	ZM_072_A2_C03		ZM_072_A2_C03_MR
50938	ZM_072_A2_C05	ZM_072_A2_C05_T7C	
50939	ZM_072_A2_C05		ZM_072_A2_C05_MR
50940	ZM_072_A2_C06	ZM_072_A2_C06_T7C	
50941	ZM_072_A2_C06		ZM_072_A2_C06_MR
50942	ZM_072_A2_C07		ZM_072_A2_C07_MR
50943	ZM_072_A2_C09	ZM_072_A2_C09_T7C	
50944	ZM_072_A2_C09		ZM_072_A2_C09_MR
50945	ZM_072_A2_C10	ZM_072_A2_C10_T7C	
50946	ZM_072_A2_C10		ZM_072_A2_C10_MR
50947	ZM_072_A2_C11	ZM_072_A2_C11_T7C	
50948	ZM_072_A2_C11		ZM_072_A2_C11_MR
50949	ZM_072_A2_C12	ZM_072_A2_C12_T7C	
50950	ZM_072_A2_C12		ZM_072_A2_C12_MR
50951	ZM_072_A2_D01	ZM_072_A2_D01_T7C	
50952	ZM_072_A2_D01		ZM_072_A2_D01_MR
50953	ZM_072_A2_D02	ZM_072_A2_D02_T7C	
50954	ZM_072_A2_D02		ZM_072_A2_D02_MR
50955	ZM_072_A2_D03	ZM_072_A2_D03_T7C	
50956	ZM_072_A2_D03		ZM_072_A2_D03_MR
50957	ZM_072_A2_D04	ZM_072_A2_D04_T7C	
50958	ZM_072_A2_D05	ZM_072_A2_D05_T7C	
50959	ZM_072_A2_D06	ZM_072_A2_D06_T7C	
50960	ZM_072_A2_D06		ZM_072_A2_D06_MR
50961	ZM_072_A2_D07	ZM_072_A2_D07_T7C	
50962	ZM_072_A2_D07		ZM_072_A2_D07_MR
50963	ZM_072_A2_D08		ZM_072_A2_D08_MR
50964	ZM_072_A2_D10	ZM_072_A2_D10_T7C	
50965	ZM_072_A2_D10		ZM_072_A2_D10_MR
50966	ZM_072_A2_D11	ZM_072_A2_D11_T7C	
50967	ZM_072_A2_D12	ZM_072_A2_D12_T7C	
50968	ZM_072_A2_D12		ZM_072_A2_D12_MR
50969	ZM_072_A2_E01	ZM_072_A2_E01_T7C	
50970	ZM_072_A2_E02		ZM_072_A2_E02_MR
50971	ZM_072_A2_E03	ZM_072_A2_E03_T7C	
50972	ZM_072_A2_E03		ZM_072_A2_E03_MR
50973	ZM_072_A2_E04	ZM_072_A2_E04_T7C	
50974	ZM_072_A2_E04		ZM_072_A2_E04_MR
50975	ZM_072_A2_E05	ZM_072_A2_E05_T7C	
50976	ZM_072_A2_E06	ZM_072_A2_E06_T7C	
50977	ZM_072_A2_E07	ZM_072_A2_E07_T7C	
50978	ZM_072_A2_E07		ZM_072_A2_E07_MR
50979	ZM_072_A2_E10	ZM_072_A2_E10_T7C	
50980	ZM_072_A2_E10		ZM_072_A2_E10_MR
50981	ZM_072_A2_E11	ZM_072_A2_E11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
50982	ZM_072_A2_E11		ZM_072_A2_E11_MR
50983	ZM_072_A2_E12	ZM_072_A2_E12_T7C	
50984	ZM_072_A2_E12		ZM_072_A2_E12_MR
50985	ZM_072_A2_F01	ZM_072_A2_F01_T7C	
50986	ZM_072_A2_F01		ZM_072_A2_F01_MR
50987	ZM_072_A2_F02	ZM_072_A2_F02_T7C	
50988	ZM_072_A2_F02		ZM_072_A2_F02_MR
50989	ZM_072_A2_F03	ZM_072_A2_F03_T7C	
50990	ZM_072_A2_F03		ZM_072_A2_F03_MR
50991	ZM_072_A2_F04	ZM_072_A2_F04_T7C	
50992	ZM_072_A2_F05	ZM_072_A2_F05_T7C	
50993	ZM_072_A2_F05		ZM_072_A2_F05_MR
50994	ZM_072_A2_F06	ZM_072_A2_F06_T7C	
50995	ZM_072_A2_F06		ZM_072_A2_F06_MR
50996	ZM_072_A2_F07	ZM_072_A2_F07_T7C	
50997	ZM_072_A2_F07		ZM_072_A2_F07_MR
50998	ZM_072_A2_F09	ZM_072_A2_F09_T7C	
50999	ZM_072_A2_F09		ZM_072_A2_F09_MR
51000	ZM_072_A2_F10	ZM_072_A2_F10_T7C	
51001	ZM_072_A2_F10		ZM_072_A2_F10_MR
51002	ZM_072_A2_F11	ZM_072_A2_F11_T7C	
51003	ZM_072_A2_F11		ZM_072_A2_F11_MR
51004	ZM_072_A2_F12	ZM_072_A2_F12_T7C	
51005	ZM_072_A2_F12		ZM_072_A2_F12_MR
51006	ZM_072_A2_G01	ZM_072_A2_G01_T7C	
51007	ZM_072_A2_G01		ZM_072_A2_G01_MR
51008	ZM_072_A2_G02	ZM_072_A2_G02_T7C	
51009	ZM_072_A2_G02		ZM_072_A2_G02_MR
51010	ZM_072_A2_G03	ZM_072_A2_G03_T7C	
51011	ZM_072_A2_G03		ZM_072_A2_G03_MR
51012	ZM_072_A2_G04	ZM_072_A2_G04_T7C	
51013	ZM_072_A2_G04		ZM_072_A2_G04_MR
51014	ZM_072_A2_G05	ZM_072_A2_G05_T7C	
51015	ZM_072_A2_G05		ZM_072_A2_G05_MR
51016	ZM_072_A2_G06	ZM_072_A2_G06_T7C	
51017	ZM_072_A2_G06		ZM_072_A2_G06_MR
51018	ZM_072_A2_G07	ZM_072_A2_G07_T7C	
51019	ZM_072_A2_G07		ZM_072_A2_G07_MR
51020	ZM_072_A2_G08	ZM_072_A2_G08_T7C	
51021	ZM_072_A2_G08		ZM_072_A2_G08_MR
51022	ZM_072_A2_G09	ZM_072_A2_G09_T7C	
51023	ZM_072_A2_G09		ZM_072_A2_G09_MR
51024	ZM_072_A2_G11	ZM_072_A2_G11_T7C	
51025	ZM_072_A2_G11		ZM_072_A2_G11_MR
51026	ZM_072_A2_G12		ZM_072_A2_G12_MR
51027	ZM_072_A2_H01	ZM_072_A2_H01_T7C	
51028	ZM_072_A2_H01		ZM_072_A2_H01_MR
51029	ZM_072_A2_H02		ZM_072_A2_H02_MR
51030	ZM_072_A2_H03	ZM_072_A2_H03_T7C	
51031	ZM_072_A2_H03		ZM_072_A2_H03_MR
51032	ZM_072_A2_H04	ZM_072_A2_H04_T7C	
51033	ZM_072_A2_H04		ZM_072_A2_H04_MR
51034	ZM_072_A2_H05	ZM_072_A2_H05_T7C	
51035	ZM_072_A2_H05		ZM_072_A2_H05_MR
51036	ZM_072_A2_H06	ZM_072_A2_H06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51037	ZM_072_A2_H06		ZM_072_A2_H06_MR
51038	ZM_072_A2_H07	ZM_072_A2_H07_T7C	
51039	ZM_072_A2_H08	ZM_072_A2_H08_T7C	
51040	ZM_072_A2_H08		ZM_072_A2_H08_MR
51041	ZM_072_A2_H09	ZM_072_A2_H09_T7C	
51042	ZM_072_A2_H09		ZM_072_A2_H09_MR
51043	ZM_072_A2_H10	ZM_072_A2_H10_T7C	
51044	ZM_072_A2_H10		ZM_072_A2_H10_MR
51045	ZM_072_A2_H11	ZM_072_A2_H11_T7C	
51046	ZM_072_A2_H11		ZM_072_A2_H11_MR
51047	ZM_072_A2_H12	ZM_072_A2_H12_T7C	
51048	ZM_072_A2_H12		ZM_072_A2_H12_MR
51049	ZM_072_B1_A02	ZM_072_B1_A02_T7C	
51050	ZM_072_B1_A03	ZM_072_B1_A03_T7C	
51051	ZM_072_B1_A04	ZM_072_B1_A04_T7C	
51052	ZM_072_B1_A05	ZM_072_B1_A05_T7C	
51053	ZM_072_B1_A06	ZM_072_B1_A06_T7C	
51054	ZM_072_B1_A07	ZM_072_B1_A07_T7C	
51055	ZM_072_B1_A08	ZM_072_B1_A08_T7C	
51056	ZM_072_B1_A10	ZM_072_B1_A10_T7C	
51057	ZM_072_B1_A11	ZM_072_B1_A11_T7C	
51058	ZM_072_B1_A12	ZM_072_B1_A12_T7C	
51059	ZM_072_B1_B01	ZM_072_B1_B01_T7C	
51060	ZM_072_B1_B04	ZM_072_B1_B04_T7C	
51061	ZM_072_B1_B05	ZM_072_B1_B05_T7C	
51062	ZM_072_B1_B06	ZM_072_B1_B06_T7C	
51063	ZM_072_B1_B07	ZM_072_B1_B07_T7C	
51064	ZM_072_B1_B08	ZM_072_B1_B08_T7C	
51065	ZM_072_B1_B09	ZM_072_B1_B09_T7C	
51066	ZM_072_B1_B10	ZM_072_B1_B10_T7C	
51067	ZM_072_B1_B11	ZM_072_B1_B11_T7C	
51068	ZM_072_B1_B12	ZM_072_B1_B12_T7C	
51069	ZM_072_B1_C01	ZM_072_B1_C01_T7C	
51070	ZM_072_B1_C03	ZM_072_B1_C03_T7C	
51071	ZM_072_B1_C04	ZM_072_B1_C04_T7C	
51072	ZM_072_B1_C07	ZM_072_B1_C07_T7C	
51073	ZM_072_B1_C08	ZM_072_B1_C08_T7C	
51074	ZM_072_B1_C09	ZM_072_B1_C09_T7C	
51075	ZM_072_B1_C11	ZM_072_B1_C11_T7C	
51076	ZM_072_B1_D01	ZM_072_B1_D01_T7C	
51077	ZM_072_B1_D02	ZM_072_B1_D02_T7C	
51078	ZM_072_B1_D04	ZM_072_B1_D04_T7C	
51079	ZM_072_B1_D05	ZM_072_B1_D05_T7C	
51080	ZM_072_B1_D07	ZM_072_B1_D07_T7C	
51081	ZM_072_B1_D08	ZM_072_B1_D08_T7C	
51082	ZM_072_B1_D09	ZM_072_B1_D09_T7C	
51083	ZM_072_B1_D11	ZM_072_B1_D11_T7C	
51084	ZM_072_B1_D12	ZM_072_B1_D12_T7C	
51085	ZM_072_B1_E02	ZM_072_B1_E02_T7C	
51086	ZM_072_B1_E04	ZM_072_B1_E04_T7C	
51087	ZM_072_B1_E08	ZM_072_B1_E08_T7C	
51088	ZM_072_B1_E09	ZM_072_B1_E09_T7C	
51089	ZM_072_B1_E10	ZM_072_B1_E10_T7C	
51090	ZM_072_B1_E11	ZM_072_B1_E11_T7C	
51091	ZM_072_B1_E12	ZM_072_B1_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51092	ZM_072_B1_F01	ZM_072_B1_F01_T7C	
51093	ZM_072_B1_F06	ZM_072_B1_F06_T7C	
51094	ZM_072_B1_F08	ZM_072_B1_F08_T7C	
51095	ZM_072_B1_F10	ZM_072_B1_F10_T7C	
51096	ZM_072_B1_G04	ZM_072_B1_G04_T7C	
51097	ZM_072_B1_G05	ZM_072_B1_G05_T7C	
51098	ZM_072_B1_G06	ZM_072_B1_G06_T7C	
51099	ZM_072_B1_G07	ZM_072_B1_G07_T7C	
51100	ZM_072_B1_G09	ZM_072_B1_G09_T7C	
51101	ZM_072_B1_G10	ZM_072_B1_G10_T7C	
51102	ZM_072_B1_H01	ZM_072_B1_H01_T7C	
51103	ZM_072_B1_H03	ZM_072_B1_H03_T7C	
51104	ZM_072_B1_H04	ZM_072_B1_H04_T7C	
51105	ZM_072_B1_H05	ZM_072_B1_H05_T7C	
51106	ZM_072_B1_H06	ZM_072_B1_H06_T7C	
51107	ZM_072_B1_H07	ZM_072_B1_H07_T7C	
51108	ZM_072_B1_H08	ZM_072_B1_H08_T7C	
51109	ZM_072_B1_H09	ZM_072_B1_H09_T7C	
51110	ZM_072_B1_H11	ZM_072_B1_H11_T7C	
51111	ZM_072_B2_A01	ZM_072_B2_A01_T7C	
51112	ZM_072_B2_A01		ZM_072_B2_A01_MR
51113	ZM_072_B2_A02	ZM_072_B2_A02_T7C	
51114	ZM_072_B2_A02		ZM_072_B2_A02_MR
51115	ZM_072_B2_A03	ZM_072_B2_A03_T7C	
51116	ZM_072_B2_A04	ZM_072_B2_A04_T7C	
51117	ZM_072_B2_A05	ZM_072_B2_A05_T7C	
51118	ZM_072_B2_A06	ZM_072_B2_A06_T7C	
51119	ZM_072_B2_A06		ZM_072_B2_A06_MR
51120	ZM_072_B2_A07	ZM_072_B2_A07_T7C	
51121	ZM_072_B2_A07		ZM_072_B2_A07_MR
51122	ZM_072_B2_A08	ZM_072_B2_A08_T7C	
51123	ZM_072_B2_A08		ZM_072_B2_A08_MR
51124	ZM_072_B2_A09	ZM_072_B2_A09_T7C	
51125	ZM_072_B2_A09		ZM_072_B2_A09_MR
51126	ZM_072_B2_A10	ZM_072_B2_A10_T7C	
51127	ZM_072_B2_A10		ZM_072_B2_A10_MR
51128	ZM_072_B2_A11	ZM_072_B2_A11_T7C	
51129	ZM_072_B2_A11		ZM_072_B2_A11_MR
51130	ZM_072_B2_A12	ZM_072_B2_A12_T7C	
51131	ZM_072_B2_A12		ZM_072_B2_A12_MR
51132	ZM_072_B2_B01	ZM_072_B2_B01_T7C	
51133	ZM_072_B2_B02	ZM_072_B2_B02_T7C	
51134	ZM_072_B2_B02		ZM_072_B2_B02_MR
51135	ZM_072_B2_B03	ZM_072_B2_B03_T7C	
51136	ZM_072_B2_B03		ZM_072_B2_B03_MR
51137	ZM_072_B2_B04	ZM_072_B2_B04_T7C	
51138	ZM_072_B2_B04		ZM_072_B2_B04_MR
51139	ZM_072_B2_B05	ZM_072_B2_B05_T7C	
51140	ZM_072_B2_B05		ZM_072_B2_B05_MR
51141	ZM_072_B2_B06	ZM_072_B2_B06_T7C	
51142	ZM_072_B2_B07	ZM_072_B2_B07_T7C	
51143	ZM_072_B2_B07		ZM_072_B2_B07_MR
51144	ZM_072_B2_B08	ZM_072_B2_B08_T7C	
51145	ZM_072_B2_B09	ZM_072_B2_B09_T7C	
51146	ZM_072_B2_B09		ZM_072_B2_B09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51147	ZM_072_B2_B10	ZM_072_B2_B10_T7C	
51148	ZM_072_B2_B10		ZM_072_B2_B10_MR
51149	ZM_072_B2_B11	ZM_072_B2_B11_T7C	
51150	ZM_072_B2_B11		ZM_072_B2_B11_MR
51151	ZM_072_B2_B12	ZM_072_B2_B12_T7C	
51152	ZM_072_B2_B12		ZM_072_B2_B12_MR
51153	ZM_072_B2_C01	ZM_072_B2_C01_T7C	
51154	ZM_072_B2_C02	ZM_072_B2_C02_T7C	
51155	ZM_072_B2_C02		ZM_072_B2_C02_MR
51156	ZM_072_B2_C03	ZM_072_B2_C03_T7C	
51157	ZM_072_B2_C03		ZM_072_B2_C03_MR
51158	ZM_072_B2_C04	ZM_072_B2_C04_T7C	
51159	ZM_072_B2_C04		ZM_072_B2_C04_MR
51160	ZM_072_B2_C05	ZM_072_B2_C05_T7C	
51161	ZM_072_B2_C05		ZM_072_B2_C05_MR
51162	ZM_072_B2_C06	ZM_072_B2_C06_T7C	
51163	ZM_072_B2_C06		ZM_072_B2_C06_MR
51164	ZM_072_B2_C07	ZM_072_B2_C07_T7C	
51165	ZM_072_B2_C07		ZM_072_B2_C07_MR
51166	ZM_072_B2_C08	ZM_072_B2_C08_T7C	
51167	ZM_072_B2_C08		ZM_072_B2_C08_MR
51168	ZM_072_B2_C09	ZM_072_B2_C09_T7C	
51169	ZM_072_B2_C09		ZM_072_B2_C09_MR
51170	ZM_072_B2_C11		ZM_072_B2_C11_MR
51171	ZM_072_B2_C12	ZM_072_B2_C12_T7C	
51172	ZM_072_B2_C12		ZM_072_B2_C12_MR
51173	ZM_072_B2_D01	ZM_072_B2_D01_T7C	
51174	ZM_072_B2_D02	ZM_072_B2_D02_T7C	
51175	ZM_072_B2_D02		ZM_072_B2_D02_MR
51176	ZM_072_B2_D03	ZM_072_B2_D03_T7C	
51177	ZM_072_B2_D04	ZM_072_B2_D04_T7C	
51178	ZM_072_B2_D04		ZM_072_B2_D04_MR
51179	ZM_072_B2_D05	ZM_072_B2_D05_T7C	
51180	ZM_072_B2_D05		ZM_072_B2_D05_MR
51181	ZM_072_B2_D06	ZM_072_B2_D06_T7C	
51182	ZM_072_B2_D07	ZM_072_B2_D07_T7C	
51183	ZM_072_B2_D07		ZM_072_B2_D07_MR
51184	ZM_072_B2_D08	ZM_072_B2_D08_T7C	
51185	ZM_072_B2_D09	ZM_072_B2_D09_T7C	
51186	ZM_072_B2_D09		ZM_072_B2_D09_MR
51187	ZM_072_B2_D10	ZM_072_B2_D10_T7C	
51188	ZM_072_B2_D10		ZM_072_B2_D10_MR
51189	ZM_072_B2_D11	ZM_072_B2_D11_T7C	
51190	ZM_072_B2_D11		ZM_072_B2_D11_MR
51191	ZM_072_B2_D12	ZM_072_B2_D12_T7C	
51192	ZM_072_B2_D12		ZM_072_B2_D12_MR
51193	ZM_072_B2_E01	ZM_072_B2_E01_T7C	
51194	ZM_072_B2_E02	ZM_072_B2_E02_T7C	
51195	ZM_072_B2_E02		ZM_072_B2_E02_MR
51196	ZM_072_B2_E03	ZM_072_B2_E03_T7C	
51197	ZM_072_B2_E03		ZM_072_B2_E03_MR
51198	ZM_072_B2_E04	ZM_072_B2_E04_T7C	
51199	ZM_072_B2_E04		ZM_072_B2_E04_MR
51200	ZM_072_B2_E05	ZM_072_B2_E05_T7C	
51201	ZM_072_B2_E05		ZM_072_B2_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51202	ZM_072_B2_E06		ZM_072_B2_E06_MR
51203	ZM_072_B2_E07	ZM_072_B2_E07_T7C	
51204	ZM_072_B2_E07		ZM_072_B2_E07_MR
51205	ZM_072_B2_E08	ZM_072_B2_E08_T7C	
51206	ZM_072_B2_E08		ZM_072_B2_E08_MR
51207	ZM_072_B2_E09	ZM_072_B2_E09_T7C	
51208	ZM_072_B2_E09		ZM_072_B2_E09_MR
51209	ZM_072_B2_E10	ZM_072_B2_E10_T7C	
51210	ZM_072_B2_E10		ZM_072_B2_E10_MR
51211	ZM_072_B2_E11	ZM_072_B2_E11_T7C	
51212	ZM_072_B2_E11		ZM_072_B2_E11_MR
51213	ZM_072_B2_E12	ZM_072_B2_E12_T7C	
51214	ZM_072_B2_E12		ZM_072_B2_E12_MR
51215	ZM_072_B2_F01	ZM_072_B2_F01_T7C	
51216	ZM_072_B2_F02	ZM_072_B2_F02_T7C	
51217	ZM_072_B2_F02		ZM_072_B2_F02_MR
51218	ZM_072_B2_F03	ZM_072_B2_F03_T7C	
51219	ZM_072_B2_F03		ZM_072_B2_F03_MR
51220	ZM_072_B2_F04	ZM_072_B2_F04_T7C	
51221	ZM_072_B2_F04		ZM_072_B2_F04_MR
51222	ZM_072_B2_F05	ZM_072_B2_F05_T7C	
51223	ZM_072_B2_F05		ZM_072_B2_F05_MR
51224	ZM_072_B2_F06	ZM_072_B2_F06_T7C	
51225	ZM_072_B2_F06		ZM_072_B2_F06_MR
51226	ZM_072_B2_F07	ZM_072_B2_F07_T7C	
51227	ZM_072_B2_F07		ZM_072_B2_F07_MR
51228	ZM_072_B2_F08	ZM_072_B2_F08_T7C	
51229	ZM_072_B2_F08		ZM_072_B2_F08_MR
51230	ZM_072_B2_F09	ZM_072_B2_F09_T7C	
51231	ZM_072_B2_F09		ZM_072_B2_F09_MR
51232	ZM_072_B2_F10	ZM_072_B2_F10_T7C	
51233	ZM_072_B2_F10		ZM_072_B2_F10_MR
51234	ZM_072_B2_F11	ZM_072_B2_F11_T7C	
51235	ZM_072_B2_F12	ZM_072_B2_F12_T7C	
51236	ZM_072_B2_F12		ZM_072_B2_F12_MR
51237	ZM_072_B2_G01	ZM_072_B2_G01_T7C	
51238	ZM_072_B2_G02	ZM_072_B2_G02_T7C	
51239	ZM_072_B2_G02		ZM_072_B2_G02_MR
51240	ZM_072_B2_G03	ZM_072_B2_G03_T7C	
51241	ZM_072_B2_G03		ZM_072_B2_G03_MR
51242	ZM_072_B2_G04	ZM_072_B2_G04_T7C	
51243	ZM_072_B2_G04		ZM_072_B2_G04_MR
51244	ZM_072_B2_G05	ZM_072_B2_G05_T7C	
51245	ZM_072_B2_G05		ZM_072_B2_G05_MR
51246	ZM_072_B2_G06	ZM_072_B2_G06_T7C	
51247	ZM_072_B2_G06		ZM_072_B2_G06_MR
51248	ZM_072_B2_G07	ZM_072_B2_G07_T7C	
51249	ZM_072_B2_G07		ZM_072_B2_G07_MR
51250	ZM_072_B2_G08	ZM_072_B2_G08_T7C	
51251	ZM_072_B2_G08		ZM_072_B2_G08_MR
51252	ZM_072_B2_G09	ZM_072_B2_G09_T7C	
51253	ZM_072_B2_G09		ZM_072_B2_G09_MR
51254	ZM_072_B2_G10	ZM_072_B2_G10_T7C	
51255	ZM_072_B2_G10		ZM_072_B2_G10_MR
51256	ZM_072_B2_G11	ZM_072_B2_G11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51257	ZM_072_B2_G11		ZM_072_B2_G11_MR
51258	ZM_072_B2_G12	ZM_072_B2_G12_T7C	
51259	ZM_072_B2_G12		ZM_072_B2_G12_MR
51260	ZM_072_B2_H01	ZM_072_B2_H01_T7C	
51261	ZM_072_B2_H02	ZM_072_B2_H02_T7C	
51262	ZM_072_B2_H02		ZM_072_B2_H02_MR
51263	ZM_072_B2_H03	ZM_072_B2_H03_T7C	
51264	ZM_072_B2_H03		ZM_072_B2_H03_MR
51265	ZM_072_B2_H04	ZM_072_B2_H04_T7C	
51266	ZM_072_B2_H04		ZM_072_B2_H04_MR
51267	ZM_072_B2_H05	ZM_072_B2_H05_T7C	
51268	ZM_072_B2_H05		ZM_072_B2_H05_MR
51269	ZM_072_B2_H06	ZM_072_B2_H06_T7C	
51270	ZM_072_B2_H06		ZM_072_B2_H06_MR
51271	ZM_072_B2_H07	ZM_072_B2_H07_T7C	
51272	ZM_072_B2_H07		ZM_072_B2_H07_MR
51273	ZM_072_B2_H08	ZM_072_B2_H08_T7C	
51274	ZM_072_B2_H08		ZM_072_B2_H08_MR
51275	ZM_072_B2_H09	ZM_072_B2_H09_T7C	
51276	ZM_072_B2_H09		ZM_072_B2_H09_MR
51277	ZM_072_B2_H10		ZM_072_B2_H10_MR
51278	ZM_072_B2_H11	ZM_072_B2_H11_T7C	
51279	ZM_072_B2_H11		ZM_072_B2_H11_MR
51280	ZM_072_B2_H12	ZM_072_B2_H12_T7C	
51281	ZM_072_B2_H12		ZM_072_B2_H12_MR
51282	ZM_073_A1_A01	ZM_073_A1_A01_T7C	
51283	ZM_073_A1_A01		ZM_073_A1_A01_MR
51284	ZM_073_A1_A02	ZM_073_A1_A02_T7C	
51285	ZM_073_A1_A02		ZM_073_A1_A02_MR
51286	ZM_073_A1_A03		ZM_073_A1_A03_MR
51287	ZM_073_A1_A04	ZM_073_A1_A04_T7C	
51288	ZM_073_A1_A04		ZM_073_A1_A04_MR
51289	ZM_073_A1_A05	ZM_073_A1_A05_T7C	
51290	ZM_073_A1_A05		ZM_073_A1_A05_MR
51291	ZM_073_A1_A06	ZM_073_A1_A06_T7C	
51292	ZM_073_A1_A07	ZM_073_A1_A07_T7C	
51293	ZM_073_A1_A07		ZM_073_A1_A07_MR
51294	ZM_073_A1_A08	ZM_073_A1_A08_T7C	
51295	ZM_073_A1_A08		ZM_073_A1_A08_MR
51296	ZM_073_A1_A09	ZM_073_A1_A09_T7C	
51297	ZM_073_A1_A09		ZM_073_A1_A09_MR
51298	ZM_073_A1_A10	ZM_073_A1_A10_T7C	
51299	ZM_073_A1_A10		ZM_073_A1_A10_MR
51300	ZM_073_A1_B01	ZM_073_A1_B01_T7C	
51301	ZM_073_A1_B01		ZM_073_A1_B01_MR
51302	ZM_073_A1_B03	ZM_073_A1_B03_T7C	
51303	ZM_073_A1_B03		ZM_073_A1_B03_MR
51304	ZM_073_A1_B04	ZM_073_A1_B04_T7C	
51305	ZM_073_A1_B04		ZM_073_A1_B04_MR
51306	ZM_073_A1_B05	ZM_073_A1_B05_T7C	
51307	ZM_073_A1_B05		ZM_073_A1_B05_MR
51308	ZM_073_A1_B06		ZM_073_A1_B06_MR
51309	ZM_073_A1_B07	ZM_073_A1_B07_T7C	
51310	ZM_073_A1_B07		ZM_073_A1_B07_MR
51311	ZM_073_A1_B08	ZM_073_A1_B08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51312	ZM_073_A1_B08		ZM_073_A1_B08_MR
51313	ZM_073_A1_B09	ZM_073_A1_B09_T7C	
51314	ZM_073_A1_B09		ZM_073_A1_B09_MR
51315	ZM_073_A1_B10	ZM_073_A1_B10_T7C	
51316	ZM_073_A1_B10		ZM_073_A1_B10_MR
51317	ZM_073_A1_B11		ZM_073_A1_B11_MR
51318	ZM_073_A1_B12	ZM_073_A1_B12_T7C	
51319	ZM_073_A1_B12		ZM_073_A1_B12_MR
51320	ZM_073_A1_C01	ZM_073_A1_C01_T7C	
51321	ZM_073_A1_C01		ZM_073_A1_C01_MR
51322	ZM_073_A1_C02	ZM_073_A1_C02_T7C	
51323	ZM_073_A1_C02		ZM_073_A1_C02_MR
51324	ZM_073_A1_C03	ZM_073_A1_C03_T7C	
51325	ZM_073_A1_C03		ZM_073_A1_C03_MR
51326	ZM_073_A1_C04	ZM_073_A1_C04_T7C	
51327	ZM_073_A1_C04		ZM_073_A1_C04_MR
51328	ZM_073_A1_C05	ZM_073_A1_C05_T7C	
51329	ZM_073_A1_C05		ZM_073_A1_C05_MR
51330	ZM_073_A1_C06		ZM_073_A1_C06_MR
51331	ZM_073_A1_C07	ZM_073_A1_C07_T7C	
51332	ZM_073_A1_C07		ZM_073_A1_C07_MR
51333	ZM_073_A1_C08	ZM_073_A1_C08_T7C	
51334	ZM_073_A1_C08		ZM_073_A1_C08_MR
51335	ZM_073_A1_C09	ZM_073_A1_C09_T7C	
51336	ZM_073_A1_C09		ZM_073_A1_C09_MR
51337	ZM_073_A1_C10	ZM_073_A1_C10_T7C	
51338	ZM_073_A1_C10		ZM_073_A1_C10_MR
51339	ZM_073_A1_C11	ZM_073_A1_C11_T7C	
51340	ZM_073_A1_C11		ZM_073_A1_C11_MR
51341	ZM_073_A1_C12	ZM_073_A1_C12_T7C	
51342	ZM_073_A1_C12		ZM_073_A1_C12_MR
51343	ZM_073_A1_D01		ZM_073_A1_D01_MR
51344	ZM_073_A1_D02	ZM_073_A1_D02_T7C	
51345	ZM_073_A1_D02		ZM_073_A1_D02_MR
51346	ZM_073_A1_D03	ZM_073_A1_D03_T7C	
51347	ZM_073_A1_D03		ZM_073_A1_D03_MR
51348	ZM_073_A1_D04		ZM_073_A1_D04_MR
51349	ZM_073_A1_D05	ZM_073_A1_D05_T7C	
51350	ZM_073_A1_D05		ZM_073_A1_D05_MR
51351	ZM_073_A1_D06	ZM_073_A1_D06_T7C	
51352	ZM_073_A1_D06		ZM_073_A1_D06_MR
51353	ZM_073_A1_D07		ZM_073_A1_D07_MR
51354	ZM_073_A1_D08		ZM_073_A1_D08_MR
51355	ZM_073_A1_D09	ZM_073_A1_D09_T7C	
51356	ZM_073_A1_D09		ZM_073_A1_D09_MR
51357	ZM_073_A1_D10	ZM_073_A1_D10_T7C	
51358	ZM_073_A1_D10		ZM_073_A1_D10_MR
51359	ZM_073_A1_D11	ZM_073_A1_D11_T7C	
51360	ZM_073_A1_D11		ZM_073_A1_D11_MR
51361	ZM_073_A1_E01		ZM_073_A1_E01_MR
51362	ZM_073_A1_E02		ZM_073_A1_E02_MR
51363	ZM_073_A1_E04	ZM_073_A1_E04_T7C	
51364	ZM_073_A1_E05		ZM_073_A1_E05_MR
51365	ZM_073_A1_E06	ZM_073_A1_E06_T7C	
51366	ZM_073_A1_E06		ZM_073_A1_E06_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51367	ZM_073_A1_E07	ZM_073_A1_E07_T7C	
51368	ZM_073_A1_E07		ZM_073_A1_E07_MR
51369	ZM_073_A1_E08	ZM_073_A1_E08_T7C	
51370	ZM_073_A1_E08		ZM_073_A1_E08_MR
51371	ZM_073_A1_E09	ZM_073_A1_E09_T7C	
51372	ZM_073_A1_E09		ZM_073_A1_E09_MR
51373	ZM_073_A1_E10	ZM_073_A1_E10_T7C	
51374	ZM_073_A1_E10		ZM_073_A1_E10_MR
51375	ZM_073_A1_E11	ZM_073_A1_E11_T7C	
51376	ZM_073_A1_E11		ZM_073_A1_E11_MR
51377	ZM_073_A1_E12	ZM_073_A1_E12_T7C	
51378	ZM_073_A1_E12		ZM_073_A1_E12_MR
51379	ZM_073_A1_F01		ZM_073_A1_F01_MR
51380	ZM_073_A1_F02		ZM_073_A1_F02_MR
51381	ZM_073_A1_F05	ZM_073_A1_F05_T7C	
51382	ZM_073_A1_F05		ZM_073_A1_F05_MR
51383	ZM_073_A1_F06		ZM_073_A1_F06_MR
51384	ZM_073_A1_F07	ZM_073_A1_F07_T7C	
51385	ZM_073_A1_F07		ZM_073_A1_F07_MR
51386	ZM_073_A1_F08	ZM_073_A1_F08_T7C	
51387	ZM_073_A1_F08		ZM_073_A1_F08_MR
51388	ZM_073_A1_F09	ZM_073_A1_F09_T7C	
51389	ZM_073_A1_F09		ZM_073_A1_F09_MR
51390	ZM_073_A1_F10	ZM_073_A1_F10_T7C	
51391	ZM_073_A1_F10		ZM_073_A1_F10_MR
51392	ZM_073_A1_F11	ZM_073_A1_F11_T7C	
51393	ZM_073_A1_F11		ZM_073_A1_F11_MR
51394	ZM_073_A1_F12	ZM_073_A1_F12_T7C	
51395	ZM_073_A1_F12		ZM_073_A1_F12_MR
51396	ZM_073_A1_G01	ZM_073_A1_G01_T7C	
51397	ZM_073_A1_G01		ZM_073_A1_G01_MR
51398	ZM_073_A1_G02	ZM_073_A1_G02_T7C	
51399	ZM_073_A1_G02		ZM_073_A1_G02_MR
51400	ZM_073_A1_G03	ZM_073_A1_G03_T7C	
51401	ZM_073_A1_G03		ZM_073_A1_G03_MR
51402	ZM_073_A1_G04	ZM_073_A1_G04_T7C	
51403	ZM_073_A1_G04		ZM_073_A1_G04_MR
51404	ZM_073_A1_G05	ZM_073_A1_G05_T7C	
51405	ZM_073_A1_G05		ZM_073_A1_G05_MR
51406	ZM_073_A1_G06		ZM_073_A1_G06_MR
51407	ZM_073_A1_G07	ZM_073_A1_G07_T7C	
51408	ZM_073_A1_G07		ZM_073_A1_G07_MR
51409	ZM_073_A1_G08		ZM_073_A1_G08_MR
51410	ZM_073_A1_G09		ZM_073_A1_G09_MR
51411	ZM_073_A1_G10	ZM_073_A1_G10_T7C	
51412	ZM_073_A1_G10		ZM_073_A1_G10_MR
51413	ZM_073_A1_G11	ZM_073_A1_G11_T7C	
51414	ZM_073_A1_G11		ZM_073_A1_G11_MR
51415	ZM_073_A1_G12	ZM_073_A1_G12_T7C	
51416	ZM_073_A1_H01		ZM_073_A1_H01_MR
51417	ZM_073_A1_H02	ZM_073_A1_H02_T7C	
51418	ZM_073_A1_H03	ZM_073_A1_H03_T7C	
51419	ZM_073_A1_H03		ZM_073_A1_H03_MR
51420	ZM_073_A1_H04	ZM_073_A1_H04_T7C	
51421	ZM_073_A1_H04		ZM_073_A1_H04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51422	ZM_073_A1_H05	ZM_073_A1_H05_T7C	
51423	ZM_073_A1_H05		ZM_073_A1_H05_MR
51424	ZM_073_A1_H06	ZM_073_A1_H06_T7C	
51425	ZM_073_A1_H06		ZM_073_A1_H06_MR
51426	ZM_073_A1_H07	ZM_073_A1_H07_T7C	
51427	ZM_073_A1_H07		ZM_073_A1_H07_MR
51428	ZM_073_A1_H08		ZM_073_A1_H08_MR
51429	ZM_073_A1_H09	ZM_073_A1_H09_T7C	
51430	ZM_073_A1_H09		ZM_073_A1_H09_MR
51431	ZM_073_A1_H10	ZM_073_A1_H10_T7C	
51432	ZM_073_A1_H10		ZM_073_A1_H10_MR
51433	ZM_073_A1_H11	ZM_073_A1_H11_T7C	
51434	ZM_073_A1_H11		ZM_073_A1_H11_MR
51435	ZM_073_A1_H12	ZM_073_A1_H12_T7C	
51436	ZM_073_A1_H12		ZM_073_A1_H12_MR
51437	ZM_073_A2_A01	ZM_073_A2_A01_T7C	
51438	ZM_073_A2_A01		ZM_073_A2_A01_MR
51439	ZM_073_A2_A02	ZM_073_A2_A02_T7C	
51440	ZM_073_A2_A02		ZM_073_A2_A02_MR
51441	ZM_073_A2_A04	ZM_073_A2_A04_T7C	
51442	ZM_073_A2_A04		ZM_073_A2_A04_MR
51443	ZM_073_A2_A05	ZM_073_A2_A05_T7C	
51444	ZM_073_A2_A06	ZM_073_A2_A06_T7C	
51445	ZM_073_A2_A07	ZM_073_A2_A07_T7C	
51446	ZM_073_A2_A07		ZM_073_A2_A07_MR
51447	ZM_073_A2_A08		ZM_073_A2_A08_MR
51448	ZM_073_A2_A10	ZM_073_A2_A10_T7C	
51449	ZM_073_A2_A10		ZM_073_A2_A10_MR
51450	ZM_073_A2_A11		ZM_073_A2_A11_MR
51451	ZM_073_A2_A12		ZM_073_A2_A12_MR
51452	ZM_073_A2_B01	ZM_073_A2_B01_T7C	
51453	ZM_073_A2_B01		ZM_073_A2_B01_MR
51454	ZM_073_A2_B02	ZM_073_A2_B02_T7C	
51455	ZM_073_A2_B02		ZM_073_A2_B02_MR
51456	ZM_073_A2_B03	ZM_073_A2_B03_T7C	
51457	ZM_073_A2_B05	ZM_073_A2_B05_T7C	
51458	ZM_073_A2_B06		ZM_073_A2_B06_MR
51459	ZM_073_A2_B07	ZM_073_A2_B07_T7C	
51460	ZM_073_A2_B07		ZM_073_A2_B07_MR
51461	ZM_073_A2_B08	ZM_073_A2_B08_T7C	
51462	ZM_073_A2_B09	ZM_073_A2_B09_T7C	
51463	ZM_073_A2_B10	ZM_073_A2_B10_T7C	
51464	ZM_073_A2_B11	ZM_073_A2_B11_T7C	
51465	ZM_073_A2_B11		ZM_073_A2_B11_MR
51466	ZM_073_A2_C01		ZM_073_A2_C01_MR
51467	ZM_073_A2_C02	ZM_073_A2_C02_T7C	
51468	ZM_073_A2_C02		ZM_073_A2_C02_MR
51469	ZM_073_A2_C03	ZM_073_A2_C03_T7C	
51470	ZM_073_A2_C04	ZM_073_A2_C04_T7C	
51471	ZM_073_A2_C05	ZM_073_A2_C05_T7C	
51472	ZM_073_A2_C05		ZM_073_A2_C05_MR
51473	ZM_073_A2_C06	ZM_073_A2_C06_T7C	
51474	ZM_073_A2_C06		ZM_073_A2_C06_MR
51475	ZM_073_A2_C07	ZM_073_A2_C07_T7C	
51476	ZM_073_A2_C07		ZM_073_A2_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51477	ZM_073_A2_C08	ZM_073_A2_C08_T7C	
51478	ZM_073_A2_C09	ZM_073_A2_C09_T7C	
51479	ZM_073_A2_C10	ZM_073_A2_C10_T7C	
51480	ZM_073_A2_C10		ZM_073_A2_C10_MR
51481	ZM_073_A2_C11	ZM_073_A2_C11_T7C	
51482	ZM_073_A2_C11		ZM_073_A2_C11_MR
51483	ZM_073_A2_C12	ZM_073_A2_C12_T7C	
51484	ZM_073_A2_D02	ZM_073_A2_D02_T7C	
51485	ZM_073_A2_D02		ZM_073_A2_D02_MR
51486	ZM_073_A2_D03	ZM_073_A2_D03_T7C	
51487	ZM_073_A2_D04	ZM_073_A2_D04_T7C	
51488	ZM_073_A2_D04		ZM_073_A2_D04_MR
51489	ZM_073_A2_D05	ZM_073_A2_D05_T7C	
51490	ZM_073_A2_D05		ZM_073_A2_D05_MR
51491	ZM_073_A2_D06	ZM_073_A2_D06_T7C	
51492	ZM_073_A2_D07	ZM_073_A2_D07_T7C	
51493	ZM_073_A2_D08	ZM_073_A2_D08_T7C	
51494	ZM_073_A2_D09	ZM_073_A2_D09_T7C	
51495	ZM_073_A2_D10	ZM_073_A2_D10_T7C	
51496	ZM_073_A2_D10		ZM_073_A2_D10_MR
51497	ZM_073_A2_D11	ZM_073_A2_D11_T7C	
51498	ZM_073_A2_D12	ZM_073_A2_D12_T7C	
51499	ZM_073_A2_D12		ZM_073_A2_D12_MR
51500	ZM_073_A2_E01	ZM_073_A2_E01_T7C	
51501	ZM_073_A2_E02	ZM_073_A2_E02_T7C	
51502	ZM_073_A2_E03	ZM_073_A2_E03_T7C	
51503	ZM_073_A2_E04	ZM_073_A2_E04_T7C	
51504	ZM_073_A2_E05	ZM_073_A2_E05_T7C	
51505	ZM_073_A2_E06	ZM_073_A2_E06_T7C	
51506	ZM_073_A2_E07	ZM_073_A2_E07_T7C	
51507	ZM_073_A2_E08	ZM_073_A2_E08_T7C	
51508	ZM_073_A2_E10	ZM_073_A2_E10_T7C	
51509	ZM_073_A2_E10		ZM_073_A2_E10_MR
51510	ZM_073_A2_E11	ZM_073_A2_E11_T7C	
51511	ZM_073_A2_E12	ZM_073_A2_E12_T7C	
51512	ZM_073_A2_E12		ZM_073_A2_E12_MR
51513	ZM_073_A2_F01	ZM_073_A2_F01_T7C	
51514	ZM_073_A2_F02	ZM_073_A2_F02_T7C	
51515	ZM_073_A2_F03	ZM_073_A2_F03_T7C	
51516	ZM_073_A2_F03		ZM_073_A2_F03_MR
51517	ZM_073_A2_F04	ZM_073_A2_F04_T7C	
51518	ZM_073_A2_F04		ZM_073_A2_F04_MR
51519	ZM_073_A2_F05	ZM_073_A2_F05_T7C	
51520	ZM_073_A2_F08	ZM_073_A2_F08_T7C	
51521	ZM_073_A2_F08		ZM_073_A2_F08_MR
51522	ZM_073_A2_F09	ZM_073_A2_F09_T7C	
51523	ZM_073_A2_F09		ZM_073_A2_F09_MR
51524	ZM_073_A2_F10	ZM_073_A2_F10_T7C	
51525	ZM_073_A2_F10		ZM_073_A2_F10_MR
51526	ZM_073_A2_F11	ZM_073_A2_F11_T7C	
51527	ZM_073_A2_F11		ZM_073_A2_F11_MR
51528	ZM_073_A2_F12	ZM_073_A2_F12_T7C	
51529	ZM_073_A2_G01	ZM_073_A2_G01_T7C	
51530	ZM_073_A2_G02	ZM_073_A2_G02_T7C	
51531	ZM_073_A2_G02		ZM_073_A2_G02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51532	ZM_073_A2_G03	ZM_073_A2_G03_T7C	
51533	ZM_073_A2_G04	ZM_073_A2_G04_T7C	
51534	ZM_073_A2_G05	ZM_073_A2_G05_T7C	
51535	ZM_073_A2_G06	ZM_073_A2_G06_T7C	
51536	ZM_073_A2_G07	ZM_073_A2_G07_T7C	
51537	ZM_073_A2_G08	ZM_073_A2_G08_T7C	
51538	ZM_073_A2_G08		ZM_073_A2_G08_MR
51539	ZM_073_A2_G09	ZM_073_A2_G09_T7C	
51540	ZM_073_A2_G09		ZM_073_A2_G09_MR
51541	ZM_073_A2_G10	ZM_073_A2_G10_T7C	
51542	ZM_073_A2_G10		ZM_073_A2_G10_MR
51543	ZM_073_A2_G12	ZM_073_A2_G12_T7C	
51544	ZM_073_A2_G12		ZM_073_A2_G12_MR
51545	ZM_073_A2_H01	ZM_073_A2_H01_T7C	
51546	ZM_073_A2_H01		ZM_073_A2_H01_MR
51547	ZM_073_A2_H02	ZM_073_A2_H02_T7C	
51548	ZM_073_A2_H03	ZM_073_A2_H03_T7C	
51549	ZM_073_A2_H03		ZM_073_A2_H03_MR
51550	ZM_073_A2_H04		ZM_073_A2_H04_MR
51551	ZM_073_A2_H05		ZM_073_A2_H05_MR
51552	ZM_073_A2_H06	ZM_073_A2_H06_T7C	
51553	ZM_073_A2_H07	ZM_073_A2_H07_T7C	
51554	ZM_073_A2_H07		ZM_073_A2_H07_MR
51555	ZM_073_A2_H08	ZM_073_A2_H08_T7C	
51556	ZM_073_A2_H09	ZM_073_A2_H09_T7C	
51557	ZM_073_A2_H09		ZM_073_A2_H09_MR
51558	ZM_073_A2_H10	ZM_073_A2_H10_T7C	
51559	ZM_073_A2_H10		ZM_073_A2_H10_MR
51560	ZM_073_A2_H11	ZM_073_A2_H11_T7C	
51561	ZM_073_A2_H12	ZM_073_A2_H12_T7C	
51562	ZM_073_B1_A01	ZM_073_B1_A01_T7C	
51563	ZM_073_B1_A01		ZM_073_B1_A01_MR
51564	ZM_073_B1_A02	ZM_073_B1_A02_T7C	
51565	ZM_073_B1_A02		ZM_073_B1_A02_MR
51566	ZM_073_B1_A03	ZM_073_B1_A03_T7C	
51567	ZM_073_B1_A03		ZM_073_B1_A03_MR
51568	ZM_073_B1_A04	ZM_073_B1_A04_T7C	
51569	ZM_073_B1_A04		ZM_073_B1_A04_MR
51570	ZM_073_B1_A05	ZM_073_B1_A05_T7C	
51571	ZM_073_B1_A05		ZM_073_B1_A05_MR
51572	ZM_073_B1_A06	ZM_073_B1_A06_T7C	
51573	ZM_073_B1_A06		ZM_073_B1_A06_MR
51574	ZM_073_B1_A07	ZM_073_B1_A07_T7C	
51575	ZM_073_B1_A07		ZM_073_B1_A07_MR
51576	ZM_073_B1_A08	ZM_073_B1_A08_T7C	
51577	ZM_073_B1_A09	ZM_073_B1_A09_T7C	
51578	ZM_073_B1_A09		ZM_073_B1_A09_MR
51579	ZM_073_B1_A10	ZM_073_B1_A10_T7C	
51580	ZM_073_B1_A10		ZM_073_B1_A10_MR
51581	ZM_073_B1_A11	ZM_073_B1_A11_T7C	
51582	ZM_073_B1_A11		ZM_073_B1_A11_MR
51583	ZM_073_B1_A12	ZM_073_B1_A12_T7C	
51584	ZM_073_B1_A12		ZM_073_B1_A12_MR
51585	ZM_073_B1_B01	ZM_073_B1_B01_T7C	
51586	ZM_073_B1_B01		ZM_073_B1_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51587	ZM_073_B1_B02	ZM_073_B1_B02_T7C	ZM_073_B1_B02_MR
51588	ZM_073_B1_B02		
51589	ZM_073_B1_B03	ZM_073_B1_B03_T7C	ZM_073_B1_B03_MR
51590	ZM_073_B1_B03		
51591	ZM_073_B1_B04	ZM_073_B1_B04_T7C	ZM_073_B1_B04_MR
51592	ZM_073_B1_B04		
51593	ZM_073_B1_B05	ZM_073_B1_B05_T7C	ZM_073_B1_B05_MR
51594	ZM_073_B1_B05		
51595	ZM_073_B1_B06	ZM_073_B1_B06_T7C	ZM_073_B1_B06_MR
51596	ZM_073_B1_B06		
51597	ZM_073_B1_B07	ZM_073_B1_B07_T7C	ZM_073_B1_B07_MR
51598	ZM_073_B1_B07		
51599	ZM_073_B1_B08	ZM_073_B1_B08_T7C	ZM_073_B1_B08_MR
51600	ZM_073_B1_B08		
51601	ZM_073_B1_B10	ZM_073_B1_B10_T7C	ZM_073_B1_B10_MR
51602	ZM_073_B1_B10		
51603	ZM_073_B1_B11	ZM_073_B1_B11_T7C	ZM_073_B1_B11_MR
51604	ZM_073_B1_B11		
51605	ZM_073_B1_B12	ZM_073_B1_B12_T7C	ZM_073_B1_B12_MR
51606	ZM_073_B1_B12		
51607	ZM_073_B1_C01	ZM_073_B1_C01_T7C	ZM_073_B1_C01_MR
51608	ZM_073_B1_C01		
51609	ZM_073_B1_C02	ZM_073_B1_C02_T7C	
51610	ZM_073_B1_C04	ZM_073_B1_C04_T7C	ZM_073_B1_C04_MR
51611	ZM_073_B1_C04		
51612	ZM_073_B1_C05	ZM_073_B1_C05_T7C	ZM_073_B1_C05_MR
51613	ZM_073_B1_C05		
51614	ZM_073_B1_C06	ZM_073_B1_C06_T7C	ZM_073_B1_C06_MR
51615	ZM_073_B1_C06		
51616	ZM_073_B1_C07	ZM_073_B1_C07_T7C	ZM_073_B1_C07_MR
51617	ZM_073_B1_C07		
51618	ZM_073_B1_C08	ZM_073_B1_C08_T7C	ZM_073_B1_C08_MR
51619	ZM_073_B1_C08		
51620	ZM_073_B1_C09	ZM_073_B1_C09_T7C	ZM_073_B1_C09_MR
51621	ZM_073_B1_C09		
51622	ZM_073_B1_C10	ZM_073_B1_C10_T7C	ZM_073_B1_C10_MR
51623	ZM_073_B1_C10		
51624	ZM_073_B1_C11	ZM_073_B1_C11_T7C	ZM_073_B1_C11_MR
51625	ZM_073_B1_C11		
51626	ZM_073_B1_D01		ZM_073_B1_D01_MR
51627	ZM_073_B1_D02		ZM_073_B1_D02_MR
51628	ZM_073_B1_D03	ZM_073_B1_D03_T7C	ZM_073_B1_D03_MR
51629	ZM_073_B1_D03		
51630	ZM_073_B1_D04	ZM_073_B1_D04_T7C	ZM_073_B1_D04_MR
51631	ZM_073_B1_D04		
51632	ZM_073_B1_D05	ZM_073_B1_D05_T7C	ZM_073_B1_D05_MR
51633	ZM_073_B1_D05		
51634	ZM_073_B1_D06	ZM_073_B1_D06_T7C	ZM_073_B1_D06_MR
51635	ZM_073_B1_D06		
51636	ZM_073_B1_D07	ZM_073_B1_D07_T7C	ZM_073_B1_D07_MR
51637	ZM_073_B1_D07		
51638	ZM_073_B1_D08		ZM_073_B1_D08_MR
51639	ZM_073_B1_D09		ZM_073_B1_D09_MR
51640	ZM_073_B1_D10	ZM_073_B1_D10_T7C	ZM_073_B1_D10_MR
51641	ZM_073_B1_D10		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51642	ZM_073_B1_D12	ZM_073_B1_D12_T7C	ZM_073_B1_D12_MR
51643	ZM_073_B1_D12		
51644	ZM_073_B1_E01	ZM_073_B1_E01_T7C	ZM_073_B1_E01_MR
51645	ZM_073_B1_E01		
51646	ZM_073_B1_E02	ZM_073_B1_E02_T7C	ZM_073_B1_E02_MR
51647	ZM_073_B1_E02		
51648	ZM_073_B1_E03	ZM_073_B1_E03_T7C	ZM_073_B1_E03_MR
51649	ZM_073_B1_E03		
51650	ZM_073_B1_E04	ZM_073_B1_E04_T7C	ZM_073_B1_E04_MR
51651	ZM_073_B1_E04		ZM_073_B1_E05_MR
51652	ZM_073_B1_E05		
51653	ZM_073_B1_E06	ZM_073_B1_E06_T7C	ZM_073_B1_E06_MR
51654	ZM_073_B1_E06		
51655	ZM_073_B1_E07	ZM_073_B1_E07_T7C	ZM_073_B1_E07_MR
51656	ZM_073_B1_E07		
51657	ZM_073_B1_E08	ZM_073_B1_E08_T7C	ZM_073_B1_E08_MR
51658	ZM_073_B1_E08		
51659	ZM_073_B1_E09	ZM_073_B1_E09_T7C	ZM_073_B1_E09_MR
51660	ZM_073_B1_E09		
51661	ZM_073_B1_E10	ZM_073_B1_E10_T7C	ZM_073_B1_E10_MR
51662	ZM_073_B1_E10		
51663	ZM_073_B1_E11	ZM_073_B1_E11_T7C	ZM_073_B1_E11_MR
51664	ZM_073_B1_E11		
51665	ZM_073_B1_E12	ZM_073_B1_E12_T7C	ZM_073_B1_E12_MR
51666	ZM_073_B1_E12		
51667	ZM_073_B1_F01	ZM_073_B1_F01_T7C	ZM_073_B1_F01_MR
51668	ZM_073_B1_F01		
51669	ZM_073_B1_F02	ZM_073_B1_F02_T7C	ZM_073_B1_F02_MR
51670	ZM_073_B1_F02		
51671	ZM_073_B1_F03	ZM_073_B1_F03_T7C	ZM_073_B1_F03_MR
51672	ZM_073_B1_F03		
51673	ZM_073_B1_F04	ZM_073_B1_F04_T7C	ZM_073_B1_F04_MR
51674	ZM_073_B1_F04		
51675	ZM_073_B1_F05	ZM_073_B1_F05_T7C	ZM_073_B1_F05_MR
51676	ZM_073_B1_F05		
51677	ZM_073_B1_F06	ZM_073_B1_F06_T7C	ZM_073_B1_F06_MR
51678	ZM_073_B1_F06		
51679	ZM_073_B1_F07	ZM_073_B1_F07_T7C	ZM_073_B1_F07_MR
51680	ZM_073_B1_F07		
51681	ZM_073_B1_F08	ZM_073_B1_F08_T7C	ZM_073_B1_F08_MR
51682	ZM_073_B1_F08		
51683	ZM_073_B1_F09	ZM_073_B1_F09_T7C	ZM_073_B1_F09_MR
51684	ZM_073_B1_F09		
51685	ZM_073_B1_F10	ZM_073_B1_F10_T7C	ZM_073_B1_F10_MR
51686	ZM_073_B1_F10		
51687	ZM_073_B1_F11	ZM_073_B1_F11_T7C	ZM_073_B1_F11_MR
51688	ZM_073_B1_F11		
51689	ZM_073_B1_F12	ZM_073_B1_F12_T7C	ZM_073_B1_F12_MR
51690	ZM_073_B1_F12		
51691	ZM_073_B1_G01	ZM_073_B1_G01_T7C	ZM_073_B1_G01_MR
51692	ZM_073_B1_G01		
51693	ZM_073_B1_G02	ZM_073_B1_G02_T7C	ZM_073_B1_G02_MR
51694	ZM_073_B1_G02		
51695	ZM_073_B1_G03	ZM_073_B1_G03_T7C	ZM_073_B1_G03_MR
51696	ZM_073_B1_G03		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51697	ZM_073_B1_G04	ZM_073_B1_G04_T7C	
51698	ZM_073_B1_G04		ZM_073_B1_G04_MR
51699	ZM_073_B1_G05		ZM_073_B1_G05_MR
51700	ZM_073_B1_G06	ZM_073_B1_G06_T7C	
51701	ZM_073_B1_G06		ZM_073_B1_G06_MR
51702	ZM_073_B1_G07	ZM_073_B1_G07_T7C	
51703	ZM_073_B1_G08	ZM_073_B1_G08_T7C	
51704	ZM_073_B1_G08		ZM_073_B1_G08_MR
51705	ZM_073_B1_G09	ZM_073_B1_G09_T7C	
51706	ZM_073_B1_G10	ZM_073_B1_G10_T7C	
51707	ZM_073_B1_G10		ZM_073_B1_G10_MR
51708	ZM_073_B1_G11	ZM_073_B1_G11_T7C	
51709	ZM_073_B1_G11		ZM_073_B1_G11_MR
51710	ZM_073_B1_G12	ZM_073_B1_G12_T7C	
51711	ZM_073_B1_G12		ZM_073_B1_G12_MR
51712	ZM_073_B1_H01	ZM_073_B1_H01_T7C	
51713	ZM_073_B1_H01		ZM_073_B1_H01_MR
51714	ZM_073_B1_H02	ZM_073_B1_H02_T7C	
51715	ZM_073_B1_H02		ZM_073_B1_H02_MR
51716	ZM_073_B1_H03		ZM_073_B1_H03_MR
51717	ZM_073_B1_H04		ZM_073_B1_H04_MR
51718	ZM_073_B1_H05	ZM_073_B1_H05_T7C	
51719	ZM_073_B1_H05		ZM_073_B1_H05_MR
51720	ZM_073_B1_H06	ZM_073_B1_H06_T7C	
51721	ZM_073_B1_H06		ZM_073_B1_H06_MR
51722	ZM_073_B1_H07	ZM_073_B1_H07_T7C	
51723	ZM_073_B1_H07		ZM_073_B1_H07_MR
51724	ZM_073_B1_H08	ZM_073_B1_H08_T7C	
51725	ZM_073_B1_H08		ZM_073_B1_H08_MR
51726	ZM_073_B1_H09	ZM_073_B1_H09_T7C	
51727	ZM_073_B1_H09		ZM_073_B1_H09_MR
51728	ZM_073_B1_H10	ZM_073_B1_H10_T7C	
51729	ZM_073_B1_H10		ZM_073_B1_H10_MR
51730	ZM_073_B1_H11	ZM_073_B1_H11_T7C	
51731	ZM_073_B1_H11		ZM_073_B1_H11_MR
51732	ZM_073_B1_H12	ZM_073_B1_H12_T7C	
51733	ZM_073_B1_H12		ZM_073_B1_H12_MR
51734	ZM_073_B2_A01	ZM_073_B2_A01_T7C	
51735	ZM_073_B2_A01		ZM_073_B2_A01_MR
51736	ZM_073_B2_A02	ZM_073_B2_A02_T7C	
51737	ZM_073_B2_A02		ZM_073_B2_A02_MR
51738	ZM_073_B2_A03	ZM_073_B2_A03_T7C	
51739	ZM_073_B2_A03		ZM_073_B2_A03_MR
51740	ZM_073_B2_A04	ZM_073_B2_A04_T7C	
51741	ZM_073_B2_A04		ZM_073_B2_A04_MR
51742	ZM_073_B2_A06	ZM_073_B2_A06_T7C	
51743	ZM_073_B2_A06		ZM_073_B2_A06_MR
51744	ZM_073_B2_A07	ZM_073_B2_A07_T7C	
51745	ZM_073_B2_A07		ZM_073_B2_A07_MR
51746	ZM_073_B2_A08	ZM_073_B2_A08_T7C	
51747	ZM_073_B2_A08		ZM_073_B2_A08_MR
51748	ZM_073_B2_A09	ZM_073_B2_A09_T7C	
51749	ZM_073_B2_A09		ZM_073_B2_A09_MR
51750	ZM_073_B2_A10	ZM_073_B2_A10_T7C	
51751	ZM_073_B2_A10		ZM_073_B2_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51752	ZM_073_B2_A11		ZM_073_B2_A11_MR
51753	ZM_073_B2_A12	ZM_073_B2_A12_T7C	
51754	ZM_073_B2_A12		ZM_073_B2_A12_MR
51755	ZM_073_B2_B01	ZM_073_B2_B01_T7C	
51756	ZM_073_B2_B01		ZM_073_B2_B01_MR
51757	ZM_073_B2_B02	ZM_073_B2_B02_T7C	
51758	ZM_073_B2_B02		ZM_073_B2_B02_MR
51759	ZM_073_B2_B04	ZM_073_B2_B04_T7C	
51760	ZM_073_B2_B04		ZM_073_B2_B04_MR
51761	ZM_073_B2_B05	ZM_073_B2_B05_T7C	
51762	ZM_073_B2_B05		ZM_073_B2_B05_MR
51763	ZM_073_B2_B06	ZM_073_B2_B06_T7C	
51764	ZM_073_B2_B06		ZM_073_B2_B06_MR
51765	ZM_073_B2_B07	ZM_073_B2_B07_T7C	
51766	ZM_073_B2_B07		ZM_073_B2_B07_MR
51767	ZM_073_B2_B08		ZM_073_B2_B08_MR
51768	ZM_073_B2_B09	ZM_073_B2_B09_T7C	
51769	ZM_073_B2_B09		ZM_073_B2_B09_MR
51770	ZM_073_B2_B10	ZM_073_B2_B10_T7C	
51771	ZM_073_B2_B10		ZM_073_B2_B10_MR
51772	ZM_073_B2_B11	ZM_073_B2_B11_T7C	
51773	ZM_073_B2_B11		ZM_073_B2_B11_MR
51774	ZM_073_B2_B12	ZM_073_B2_B12_T7C	
51775	ZM_073_B2_B12		ZM_073_B2_B12_MR
51776	ZM_073_B2_C01	ZM_073_B2_C01_T7C	
51777	ZM_073_B2_C01		ZM_073_B2_C01_MR
51778	ZM_073_B2_C02	ZM_073_B2_C02_T7C	
51779	ZM_073_B2_C02		ZM_073_B2_C02_MR
51780	ZM_073_B2_C03	ZM_073_B2_C03_T7C	
51781	ZM_073_B2_C03		ZM_073_B2_C03_MR
51782	ZM_073_B2_C04	ZM_073_B2_C04_T7C	
51783	ZM_073_B2_C04		ZM_073_B2_C04_MR
51784	ZM_073_B2_C06	ZM_073_B2_C06_T7C	
51785	ZM_073_B2_C06		ZM_073_B2_C06_MR
51786	ZM_073_B2_C07	ZM_073_B2_C07_T7C	
51787	ZM_073_B2_C07		ZM_073_B2_C07_MR
51788	ZM_073_B2_C08	ZM_073_B2_C08_T7C	
51789	ZM_073_B2_C08		ZM_073_B2_C08_MR
51790	ZM_073_B2_C09	ZM_073_B2_C09_T7C	
51791	ZM_073_B2_C09		ZM_073_B2_C09_MR
51792	ZM_073_B2_C10	ZM_073_B2_C10_T7C	
51793	ZM_073_B2_C10		ZM_073_B2_C10_MR
51794	ZM_073_B2_C11	ZM_073_B2_C11_T7C	
51795	ZM_073_B2_C11		ZM_073_B2_C11_MR
51796	ZM_073_B2_C12	ZM_073_B2_C12_T7C	
51797	ZM_073_B2_C12		ZM_073_B2_C12_MR
51798	ZM_073_B2_D01	ZM_073_B2_D01_T7C	
51799	ZM_073_B2_D01		ZM_073_B2_D01_MR
51800	ZM_073_B2_D02	ZM_073_B2_D02_T7C	
51801	ZM_073_B2_D02		ZM_073_B2_D02_MR
51802	ZM_073_B2_D03	ZM_073_B2_D03_T7C	
51803	ZM_073_B2_D03		ZM_073_B2_D03_MR
51804	ZM_073_B2_D04	ZM_073_B2_D04_T7C	
51805	ZM_073_B2_D04		ZM_073_B2_D04_MR
51806	ZM_073_B2_D05	ZM_073_B2_D05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51807	ZM_073_B2_D05		ZM_073_B2_D05_MR
51808	ZM_073_B2_D06	ZM_073_B2_D06_T7C	
51809	ZM_073_B2_D06		ZM_073_B2_D06_MR
51810	ZM_073_B2_D07	ZM_073_B2_D07_T7C	
51811	ZM_073_B2_D07		ZM_073_B2_D07_MR
51812	ZM_073_B2_D08	ZM_073_B2_D08_T7C	
51813	ZM_073_B2_D08		ZM_073_B2_D08_MR
51814	ZM_073_B2_D09	ZM_073_B2_D09_T7C	
51815	ZM_073_B2_D10	ZM_073_B2_D10_T7C	
51816	ZM_073_B2_D10		ZM_073_B2_D10_MR
51817	ZM_073_B2_D11	ZM_073_B2_D11_T7C	
51818	ZM_073_B2_D11		ZM_073_B2_D11_MR
51819	ZM_073_B2_D12	ZM_073_B2_D12_T7C	
51820	ZM_073_B2_D12		ZM_073_B2_D12_MR
51821	ZM_073_B2_E01	ZM_073_B2_E01_T7C	
51822	ZM_073_B2_E01		ZM_073_B2_E01_MR
51823	ZM_073_B2_E02	ZM_073_B2_E02_T7C	
51824	ZM_073_B2_E02		ZM_073_B2_E02_MR
51825	ZM_073_B2_E03	ZM_073_B2_E03_T7C	
51826	ZM_073_B2_E03		ZM_073_B2_E03_MR
51827	ZM_073_B2_E04	ZM_073_B2_E04_T7C	
51828	ZM_073_B2_E04		ZM_073_B2_E04_MR
51829	ZM_073_B2_E05	ZM_073_B2_E05_T7C	
51830	ZM_073_B2_E06	ZM_073_B2_E06_T7C	
51831	ZM_073_B2_E07	ZM_073_B2_E07_T7C	
51832	ZM_073_B2_E08	ZM_073_B2_E08_T7C	
51833	ZM_073_B2_E09	ZM_073_B2_E09_T7C	
51834	ZM_073_B2_E10	ZM_073_B2_E10_T7C	
51835	ZM_073_B2_E11	ZM_073_B2_E11_T7C	
51836	ZM_073_B2_E12	ZM_073_B2_E12_T7C	
51837	ZM_073_B2_F01	ZM_073_B2_F01_T7C	
51838	ZM_073_B2_F02	ZM_073_B2_F02_T7C	
51839	ZM_073_B2_F03	ZM_073_B2_F03_T7C	
51840	ZM_073_B2_F04	ZM_073_B2_F04_T7C	
51841	ZM_073_B2_F05	ZM_073_B2_F05_T7C	
51842	ZM_073_B2_F06	ZM_073_B2_F06_T7C	
51843	ZM_073_B2_F07	ZM_073_B2_F07_T7C	
51844	ZM_073_B2_F08	ZM_073_B2_F08_T7C	
51845	ZM_073_B2_F10	ZM_073_B2_F10_T7C	
51846	ZM_073_B2_F11	ZM_073_B2_F11_T7C	
51847	ZM_073_B2_F12	ZM_073_B2_F12_T7C	
51848	ZM_073_B2_G01	ZM_073_B2_G01_T7C	
51849	ZM_073_B2_G02	ZM_073_B2_G02_T7C	
51850	ZM_073_B2_G03	ZM_073_B2_G03_T7C	
51851	ZM_073_B2_G05	ZM_073_B2_G05_T7C	
51852	ZM_073_B2_G06	ZM_073_B2_G06_T7C	
51853	ZM_073_B2_G07	ZM_073_B2_G07_T7C	
51854	ZM_073_B2_G08	ZM_073_B2_G08_T7C	
51855	ZM_073_B2_G09	ZM_073_B2_G09_T7C	
51856	ZM_073_B2_G10	ZM_073_B2_G10_T7C	
51857	ZM_073_B2_G11	ZM_073_B2_G11_T7C	
51858	ZM_073_B2_G12	ZM_073_B2_G12_T7C	
51859	ZM_073_B2_H01	ZM_073_B2_H01_T7C	
51860	ZM_073_B2_H02	ZM_073_B2_H02_T7C	
51861	ZM_073_B2_H03	ZM_073_B2_H03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51862	ZM_073_B2_H04	ZM_073_B2_H04_T7C	
51863	ZM_073_B2_H05	ZM_073_B2_H05_T7C	
51864	ZM_073_B2_H06	ZM_073_B2_H06_T7C	
51865	ZM_073_B2_H07	ZM_073_B2_H07_T7C	
51866	ZM_073_B2_H08	ZM_073_B2_H08_T7C	
51867	ZM_073_B2_H09	ZM_073_B2_H09_T7C	
51868	ZM_073_B2_H10	ZM_073_B2_H10_T7C	
51869	ZM_073_B2_H11	ZM_073_B2_H11_T7C	
51870	ZM_073_B2_H12	ZM_073_B2_H12_T7C	
51871	ZM_074_A1_A01	ZM_074_A1_A01_T7C	
51872	ZM_074_A1_A01		ZM_074_A1_A01_MR
51873	ZM_074_A1_A02	ZM_074_A1_A02_T7C	
51874	ZM_074_A1_A03	ZM_074_A1_A03_T7C	
51875	ZM_074_A1_A04	ZM_074_A1_A04_T7C	
51876	ZM_074_A1_A04		ZM_074_A1_A04_MR
51877	ZM_074_A1_A05	ZM_074_A1_A05_T7C	
51878	ZM_074_A1_A05		ZM_074_A1_A05_MR
51879	ZM_074_A1_A06	ZM_074_A1_A06_T7C	
51880	ZM_074_A1_A07	ZM_074_A1_A07_T7C	
51881	ZM_074_A1_A07		ZM_074_A1_A07_MR
51882	ZM_074_A1_A08	ZM_074_A1_A08_T7C	
51883	ZM_074_A1_A09		ZM_074_A1_A09_MR
51884	ZM_074_A1_A10	ZM_074_A1_A10_T7C	
51885	ZM_074_A1_A10		ZM_074_A1_A10_MR
51886	ZM_074_A1_A11	ZM_074_A1_A11_T7C	
51887	ZM_074_A1_A12	ZM_074_A1_A12_T7C	
51888	ZM_074_A1_A12		ZM_074_A1_A12_MR
51889	ZM_074_A1_B02	ZM_074_A1_B02_T7C	
51890	ZM_074_A1_B02		ZM_074_A1_B02_MR
51891	ZM_074_A1_B03	ZM_074_A1_B03_T7C	
51892	ZM_074_A1_B03		ZM_074_A1_B03_MR
51893	ZM_074_A1_B04	ZM_074_A1_B04_T7C	
51894	ZM_074_A1_B04		ZM_074_A1_B04_MR
51895	ZM_074_A1_B05	ZM_074_A1_B05_T7C	
51896	ZM_074_A1_B05		ZM_074_A1_B05_MR
51897	ZM_074_A1_B06	ZM_074_A1_B06_T7C	
51898	ZM_074_A1_B06		ZM_074_A1_B06_MR
51899	ZM_074_A1_B07	ZM_074_A1_B07_T7C	
51900	ZM_074_A1_B07		ZM_074_A1_B07_MR
51901	ZM_074_A1_B08	ZM_074_A1_B08_T7C	
51902	ZM_074_A1_B08		ZM_074_A1_B08_MR
51903	ZM_074_A1_B09	ZM_074_A1_B09_T7C	
51904	ZM_074_A1_B09		ZM_074_A1_B09_MR
51905	ZM_074_A1_B10	ZM_074_A1_B10_T7C	
51906	ZM_074_A1_B10		ZM_074_A1_B10_MR
51907	ZM_074_A1_B11	ZM_074_A1_B11_T7C	
51908	ZM_074_A1_B11		ZM_074_A1_B11_MR
51909	ZM_074_A1_B12	ZM_074_A1_B12_T7C	
51910	ZM_074_A1_B12		ZM_074_A1_B12_MR
51911	ZM_074_A1_C01	ZM_074_A1_C01_T7C	
51912	ZM_074_A1_C01		ZM_074_A1_C01_MR
51913	ZM_074_A1_C02		ZM_074_A1_C02_MR
51914	ZM_074_A1_C03	ZM_074_A1_C03_T7C	
51915	ZM_074_A1_C03		ZM_074_A1_C03_MR
51916	ZM_074_A1_C04	ZM_074_A1_C04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51917	ZM_074_A1_C04		ZM_074_A1_C04_MR
51918	ZM_074_A1_C05	ZM_074_A1_C05_T7C	
51919	ZM_074_A1_C05		ZM_074_A1_C05_MR
51920	ZM_074_A1_C06	ZM_074_A1_C06_T7C	
51921	ZM_074_A1_C07	ZM_074_A1_C07_T7C	
51922	ZM_074_A1_C07		ZM_074_A1_C07_MR
51923	ZM_074_A1_C08	ZM_074_A1_C08_T7C	
51924	ZM_074_A1_C08		ZM_074_A1_C08_MR
51925	ZM_074_A1_C09		ZM_074_A1_C09_MR
51926	ZM_074_A1_C10	ZM_074_A1_C10_T7C	
51927	ZM_074_A1_C10		ZM_074_A1_C10_MR
51928	ZM_074_A1_C11	ZM_074_A1_C11_T7C	
51929	ZM_074_A1_C11		ZM_074_A1_C11_MR
51930	ZM_074_A1_C12	ZM_074_A1_C12_T7C	
51931	ZM_074_A1_C12		ZM_074_A1_C12_MR
51932	ZM_074_A1_D01		ZM_074_A1_D01_MR
51933	ZM_074_A1_D02	ZM_074_A1_D02_T7C	
51934	ZM_074_A1_D02		ZM_074_A1_D02_MR
51935	ZM_074_A1_D03	ZM_074_A1_D03_T7C	
51936	ZM_074_A1_D03		ZM_074_A1_D03_MR
51937	ZM_074_A1_D04	ZM_074_A1_D04_T7C	
51938	ZM_074_A1_D04		ZM_074_A1_D04_MR
51939	ZM_074_A1_D05	ZM_074_A1_D05_T7C	
51940	ZM_074_A1_D05		ZM_074_A1_D05_MR
51941	ZM_074_A1_D06	ZM_074_A1_D06_T7C	
51942	ZM_074_A1_D07	ZM_074_A1_D07_T7C	
51943	ZM_074_A1_D07		ZM_074_A1_D07_MR
51944	ZM_074_A1_D08	ZM_074_A1_D08_T7C	
51945	ZM_074_A1_D08		ZM_074_A1_D08_MR
51946	ZM_074_A1_D09	ZM_074_A1_D09_T7C	
51947	ZM_074_A1_D09		ZM_074_A1_D09_MR
51948	ZM_074_A1_D10	ZM_074_A1_D10_T7C	
51949	ZM_074_A1_D10		ZM_074_A1_D10_MR
51950	ZM_074_A1_D11	ZM_074_A1_D11_T7C	
51951	ZM_074_A1_D11		ZM_074_A1_D11_MR
51952	ZM_074_A1_D12	ZM_074_A1_D12_T7C	
51953	ZM_074_A1_D12		ZM_074_A1_D12_MR
51954	ZM_074_A1_E01		ZM_074_A1_E01_MR
51955	ZM_074_A1_E02	ZM_074_A1_E02_T7C	
51956	ZM_074_A1_E02		ZM_074_A1_E02_MR
51957	ZM_074_A1_E04	ZM_074_A1_E04_T7C	
51958	ZM_074_A1_E04		ZM_074_A1_E04_MR
51959	ZM_074_A1_E05	ZM_074_A1_E05_T7C	
51960	ZM_074_A1_E05		ZM_074_A1_E05_MR
51961	ZM_074_A1_E06	ZM_074_A1_E06_T7C	
51962	ZM_074_A1_E06		ZM_074_A1_E06_MR
51963	ZM_074_A1_E07	ZM_074_A1_E07_T7C	
51964	ZM_074_A1_E07		ZM_074_A1_E07_MR
51965	ZM_074_A1_E08		ZM_074_A1_E08_MR
51966	ZM_074_A1_E09	ZM_074_A1_E09_T7C	
51967	ZM_074_A1_E09		ZM_074_A1_E09_MR
51968	ZM_074_A1_E10	ZM_074_A1_E10_T7C	
51969	ZM_074_A1_E10		ZM_074_A1_E10_MR
51970	ZM_074_A1_E11	ZM_074_A1_E11_T7C	
51971	ZM_074_A1_E11		ZM_074_A1_E11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
51972	ZM_074_A1_E12	ZM_074_A1_E12_T7C	
51973	ZM_074_A1_E12		ZM_074_A1_E12_MR
51974	ZM_074_A1_F01	ZM_074_A1_F01_T7C	
51975	ZM_074_A1_F01		ZM_074_A1_F01_MR
51976	ZM_074_A1_F02	ZM_074_A1_F02_T7C	
51977	ZM_074_A1_F02		ZM_074_A1_F02_MR
51978	ZM_074_A1_F03	ZM_074_A1_F03_T7C	
51979	ZM_074_A1_F03		ZM_074_A1_F03_MR
51980	ZM_074_A1_F04	ZM_074_A1_F04_T7C	
51981	ZM_074_A1_F04		ZM_074_A1_F04_MR
51982	ZM_074_A1_F05		ZM_074_A1_F05_MR
51983	ZM_074_A1_F06	ZM_074_A1_F06_T7C	
51984	ZM_074_A1_F06		ZM_074_A1_F06_MR
51985	ZM_074_A1_F07	ZM_074_A1_F07_T7C	
51986	ZM_074_A1_F08	ZM_074_A1_F08_T7C	
51987	ZM_074_A1_F08		ZM_074_A1_F08_MR
51988	ZM_074_A1_F10	ZM_074_A1_F10_T7C	
51989	ZM_074_A1_F10		ZM_074_A1_F10_MR
51990	ZM_074_A1_F11		ZM_074_A1_F11_MR
51991	ZM_074_A1_F12	ZM_074_A1_F12_T7C	
51992	ZM_074_A1_F12		ZM_074_A1_F12_MR
51993	ZM_074_A1_G01	ZM_074_A1_G01_T7C	
51994	ZM_074_A1_G02	ZM_074_A1_G02_T7C	
51995	ZM_074_A1_G02		ZM_074_A1_G02_MR
51996	ZM_074_A1_G03	ZM_074_A1_G03_T7C	
51997	ZM_074_A1_G03		ZM_074_A1_G03_MR
51998	ZM_074_A1_G04	ZM_074_A1_G04_T7C	
51999	ZM_074_A1_G04		ZM_074_A1_G04_MR
52000	ZM_074_A1_G05	ZM_074_A1_G05_T7C	
52001	ZM_074_A1_G05		ZM_074_A1_G05_MR
52002	ZM_074_A1_G06		ZM_074_A1_G06_MR
52003	ZM_074_A1_G07	ZM_074_A1_G07_T7C	
52004	ZM_074_A1_G08	ZM_074_A1_G08_T7C	
52005	ZM_074_A1_G08		ZM_074_A1_G08_MR
52006	ZM_074_A1_G09		ZM_074_A1_G09_MR
52007	ZM_074_A1_G10	ZM_074_A1_G10_T7C	
52008	ZM_074_A1_G10		ZM_074_A1_G10_MR
52009	ZM_074_A1_G11	ZM_074_A1_G11_T7C	
52010	ZM_074_A1_G11		ZM_074_A1_G11_MR
52011	ZM_074_A1_G12		ZM_074_A1_G12_MR
52012	ZM_074_A1_H01	ZM_074_A1_H01_T7C	
52013	ZM_074_A1_H01		ZM_074_A1_H01_MR
52014	ZM_074_A1_H02	ZM_074_A1_H02_T7C	
52015	ZM_074_A1_H02		ZM_074_A1_H02_MR
52016	ZM_074_A1_H03	ZM_074_A1_H03_T7C	
52017	ZM_074_A1_H03		ZM_074_A1_H03_MR
52018	ZM_074_A1_H04	ZM_074_A1_H04_T7C	
52019	ZM_074_A1_H04		ZM_074_A1_H04_MR
52020	ZM_074_A1_H05		ZM_074_A1_H05_MR
52021	ZM_074_A1_H06	ZM_074_A1_H06_T7C	
52022	ZM_074_A1_H06		ZM_074_A1_H06_MR
52023	ZM_074_A1_H07	ZM_074_A1_H07_T7C	
52024	ZM_074_A1_H07		ZM_074_A1_H07_MR
52025	ZM_074_A1_H09	ZM_074_A1_H09_T7C	
52026	ZM_074_A1_H09		ZM_074_A1_H09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52027	ZM_074_A1_H10	ZM_074_A1_H10_T7C	
52028	ZM_074_A1_H10		ZM_074_A1_H10_MR
52029	ZM_074_A1_H11	ZM_074_A1_H11_T7C	
52030	ZM_074_A1_H11		ZM_074_A1_H11_MR
52031	ZM_074_A1_H12		ZM_074_A1_H12_MR
52032	ZM_075_A1_A01	ZM_075_A1_A01_T7C	
52033	ZM_075_A1_A02		ZM_075_A1_A02_MR
52034	ZM_075_A1_A03	ZM_075_A1_A03_T7C	
52035	ZM_075_A1_A03		ZM_075_A1_A03_MR
52036	ZM_075_A1_A04	ZM_075_A1_A04_T7C	
52037	ZM_075_A1_A04		ZM_075_A1_A04_MR
52038	ZM_075_A1_A05	ZM_075_A1_A05_T7C	
52039	ZM_075_A1_A05		ZM_075_A1_A05_MR
52040	ZM_075_A1_A06	ZM_075_A1_A06_T7C	
52041	ZM_075_A1_A06		ZM_075_A1_A06_MR
52042	ZM_075_A1_A07	ZM_075_A1_A07_T7C	
52043	ZM_075_A1_A07		ZM_075_A1_A07_MR
52044	ZM_075_A1_A08	ZM_075_A1_A08_T7C	
52045	ZM_075_A1_A08		ZM_075_A1_A08_MR
52046	ZM_075_A1_A09	ZM_075_A1_A09_T7C	
52047	ZM_075_A1_A09		ZM_075_A1_A09_MR
52048	ZM_075_A1_A10	ZM_075_A1_A10_T7C	
52049	ZM_075_A1_A10		ZM_075_A1_A10_MR
52050	ZM_075_A1_A11	ZM_075_A1_A11_T7C	
52051	ZM_075_A1_A11		ZM_075_A1_A11_MR
52052	ZM_075_A1_B01	ZM_075_A1_B01_T7C	
52053	ZM_075_A1_B01		ZM_075_A1_B01_MR
52054	ZM_075_A1_B03	ZM_075_A1_B03_T7C	
52055	ZM_075_A1_B03		ZM_075_A1_B03_MR
52056	ZM_075_A1_B04	ZM_075_A1_B04_T7C	
52057	ZM_075_A1_B04		ZM_075_A1_B04_MR
52058	ZM_075_A1_B05	ZM_075_A1_B05_T7C	
52059	ZM_075_A1_B05		ZM_075_A1_B05_MR
52060	ZM_075_A1_B06	ZM_075_A1_B06_T7C	
52061	ZM_075_A1_B06		ZM_075_A1_B06_MR
52062	ZM_075_A1_B07	ZM_075_A1_B07_T7C	
52063	ZM_075_A1_B07		ZM_075_A1_B07_MR
52064	ZM_075_A1_B08	ZM_075_A1_B08_T7C	
52065	ZM_075_A1_B08		ZM_075_A1_B08_MR
52066	ZM_075_A1_B09	ZM_075_A1_B09_T7C	
52067	ZM_075_A1_B10	ZM_075_A1_B10_T7C	
52068	ZM_075_A1_B10		ZM_075_A1_B10_MR
52069	ZM_075_A1_B11	ZM_075_A1_B11_T7C	
52070	ZM_075_A1_B11		ZM_075_A1_B11_MR
52071	ZM_075_A1_B12	ZM_075_A1_B12_T7C	
52072	ZM_075_A1_B12		ZM_075_A1_B12_MR
52073	ZM_075_A1_C01	ZM_075_A1_C01_T7C	
52074	ZM_075_A1_C01		ZM_075_A1_C01_MR
52075	ZM_075_A1_C02	ZM_075_A1_C02_T7C	
52076	ZM_075_A1_C02		ZM_075_A1_C02_MR
52077	ZM_075_A1_C03	ZM_075_A1_C03_T7C	
52078	ZM_075_A1_C03		ZM_075_A1_C03_MR
52079	ZM_075_A1_C04	ZM_075_A1_C04_T7C	
52080	ZM_075_A1_C04		ZM_075_A1_C04_MR
52081	ZM_075_A1_C05	ZM_075_A1_C05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52082	ZM_075_A1_C05		ZM_075_A1_C05_MR
52083	ZM_075_A1_C06	ZM_075_A1_C06_T7C	
52084	ZM_075_A1_C06		ZM_075_A1_C06_MR
52085	ZM_075_A1_C07		ZM_075_A1_C07_MR
52086	ZM_075_A1_C08	ZM_075_A1_C08_T7C	
52087	ZM_075_A1_C08		ZM_075_A1_C08_MR
52088	ZM_075_A1_C09	ZM_075_A1_C09_T7C	
52089	ZM_075_A1_C10	ZM_075_A1_C10_T7C	
52090	ZM_075_A1_C10		ZM_075_A1_C10_MR
52091	ZM_075_A1_C11	ZM_075_A1_C11_T7C	
52092	ZM_075_A1_C11		ZM_075_A1_C11_MR
52093	ZM_075_A1_C12	ZM_075_A1_C12_T7C	
52094	ZM_075_A1_C12		ZM_075_A1_C12_MR
52095	ZM_075_A1_D01	ZM_075_A1_D01_T7C	
52096	ZM_075_A1_D01		ZM_075_A1_D01_MR
52097	ZM_075_A1_D02		ZM_075_A1_D02_MR
52098	ZM_075_A1_D03	ZM_075_A1_D03_T7C	
52099	ZM_075_A1_D03		ZM_075_A1_D03_MR
52100	ZM_075_A1_D04	ZM_075_A1_D04_T7C	
52101	ZM_075_A1_D04		ZM_075_A1_D04_MR
52102	ZM_075_A1_D05	ZM_075_A1_D05_T7C	
52103	ZM_075_A1_D05		ZM_075_A1_D05_MR
52104	ZM_075_A1_D06	ZM_075_A1_D06_T7C	
52105	ZM_075_A1_D06		ZM_075_A1_D06_MR
52106	ZM_075_A1_D07	ZM_075_A1_D07_T7C	
52107	ZM_075_A1_D07		ZM_075_A1_D07_MR
52108	ZM_075_A1_D08	ZM_075_A1_D08_T7C	
52109	ZM_075_A1_D08		ZM_075_A1_D08_MR
52110	ZM_075_A1_D09	ZM_075_A1_D09_T7C	
52111	ZM_075_A1_D09		ZM_075_A1_D09_MR
52112	ZM_075_A1_D10		ZM_075_A1_D10_MR
52113	ZM_075_A1_D11	ZM_075_A1_D11_T7C	
52114	ZM_075_A1_D11		ZM_075_A1_D11_MR
52115	ZM_075_A1_D12	ZM_075_A1_D12_T7C	ZM_075_A1_D12
	ZM_075_A1_D12_MR		
52117	ZM_075_A1_E01	ZM_075_A1_E01_T7C	
52118	ZM_075_A1_E01		ZM_075_A1_E01_MR
52119	ZM_075_A1_E02	ZM_075_A1_E02_T7C	
52120	ZM_075_A1_E02		ZM_075_A1_E02_MR
52121	ZM_075_A1_E03	ZM_075_A1_E03_T7C	
52122	ZM_075_A1_E03		ZM_075_A1_E03_MR
52123	ZM_075_A1_E04	ZM_075_A1_E04_T7C	
52124	ZM_075_A1_E04		ZM_075_A1_E04_MR
52125	ZM_075_A1_E05	ZM_075_A1_E05_T7C	
52126	ZM_075_A1_E05		ZM_075_A1_E05_MR
52127	ZM_075_A1_E06	ZM_075_A1_E06_T7C	
52128	ZM_075_A1_E06		ZM_075_A1_E06_MR
52129	ZM_075_A1_E07	ZM_075_A1_E07_T7C	
52130	ZM_075_A1_E07		ZM_075_A1_E07_MR
52131	ZM_075_A1_E08		ZM_075_A1_E08_MR
52132	ZM_075_A1_E09	ZM_075_A1_E09_T7C	
52133	ZM_075_A1_E09		ZM_075_A1_E09_MR
52134	ZM_075_A1_E10	ZM_075_A1_E10_T7C	
52135	ZM_075_A1_E10		ZM_075_A1_E10_MR
52136	ZM_075_A1_E11	ZM_075_A1_E11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52137	ZM_075_A1_E11		ZM_075_A1_E11_MR
52138	ZM_075_A1_E12	ZM_075_A1_E12_T7C	
52139	ZM_075_A1_E12		ZM_075_A1_E12_MR
52140	ZM_075_A1_F01	ZM_075_A1_F01_T7C	
52141	ZM_075_A1_F01		ZM_075_A1_F01_MR
52142	ZM_075_A1_F02	ZM_075_A1_F02_T7C	
52143	ZM_075_A1_F02		ZM_075_A1_F02_MR
52144	ZM_075_A1_F03	ZM_075_A1_F03_T7C	
52145	ZM_075_A1_F04	ZM_075_A1_F04_T7C	
52146	ZM_075_A1_F04		ZM_075_A1_F04_MR
52147	ZM_075_A1_F05	ZM_075_A1_F05_T7C	
52148	ZM_075_A1_F07	ZM_075_A1_F07_T7C	
52149	ZM_075_A1_F07		ZM_075_A1_F07_MR
52150	ZM_075_A1_F09	ZM_075_A1_F09_T7C	
52151	ZM_075_A1_F09		ZM_075_A1_F09_MR
52152	ZM_075_A1_F11	ZM_075_A1_F11_T7C	
52153	ZM_075_A1_F11		ZM_075_A1_F11_MR
52154	ZM_075_A1_F12	ZM_075_A1_F12_T7C	
52155	ZM_075_A1_F12		ZM_075_A1_F12_MR
52156	ZM_075_A1_G01	ZM_075_A1_G01_T7C	
52157	ZM_075_A1_G01		ZM_075_A1_G01_MR
52158	ZM_075_A1_G02	ZM_075_A1_G02_T7C	
52159	ZM_075_A1_G02		ZM_075_A1_G02_MR
52160	ZM_075_A1_G03	ZM_075_A1_G03_T7C	
52161	ZM_075_A1_G04		ZM_075_A1_G04_MR
52162	ZM_075_A1_G05	ZM_075_A1_G05_T7C	
52163	ZM_075_A1_G06	ZM_075_A1_G06_T7C	
52164	ZM_075_A1_G07	ZM_075_A1_G07_T7C	
52165	ZM_075_A1_G07		ZM_075_A1_G07_MR
52166	ZM_075_A1_G09	ZM_075_A1_G09_T7C	
52167	ZM_075_A1_G11	ZM_075_A1_G11_T7C	
52168	ZM_075_A1_G11		ZM_075_A1_G11_MR
52169	ZM_075_A1_G12	ZM_075_A1_G12_T7C	
52170	ZM_075_A1_G12		ZM_075_A1_G12_MR
52171	ZM_075_A1_H01	ZM_075_A1_H01_T7C	
52172	ZM_075_A1_H01		ZM_075_A1_H01_MR
52173	ZM_075_A1_H02	ZM_075_A1_H02_T7C	
52174	ZM_075_A1_H02		ZM_075_A1_H02_MR
52175	ZM_075_A1_H03	ZM_075_A1_H03_T7C	
52176	ZM_075_A1_H04	ZM_075_A1_H04_T7C	
52177	ZM_075_A1_H04		ZM_075_A1_H04_MR
52178	ZM_075_A1_H06	ZM_075_A1_H06_T7C	
52179	ZM_075_A1_H07	ZM_075_A1_H07_T7C	
52180	ZM_075_A1_H07		ZM_075_A1_H07_MR
52181	ZM_075_A1_H08	ZM_075_A1_H08_T7C	
52182	ZM_075_A1_H09	ZM_075_A1_H09_T7C	
52183	ZM_075_A1_H09		ZM_075_A1_H09_MR
52184	ZM_075_A1_H10	ZM_075_A1_H10_T7C	
52185	ZM_075_A1_H10		ZM_075_A1_H10_MR
52186	ZM_075_A1_H11	ZM_075_A1_H11_T7C	
52187	ZM_075_A1_H11		ZM_075_A1_H11_MR
52188	ZM_075_A2_A02	ZM_075_A2_A02_T7C	
52189	ZM_075_A2_A02		ZM_075_A2_A02_MR
52190	ZM_075_A2_A03	ZM_075_A2_A03_T7C	
52191	ZM_075_A2_A03		ZM_075_A2_A03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52192	ZM_075_A2_A04	ZM_075_A2_A04_T7C	
52193	ZM_075_A2_A04		ZM_075_A2_A04_MR
52194	ZM_075_A2_A05	ZM_075_A2_A05_T7C	
52195	ZM_075_A2_A05		ZM_075_A2_A05_MR
52196	ZM_075_A2_A07	ZM_075_A2_A07_T7C	
52197	ZM_075_A2_A07		ZM_075_A2_A07_MR
52198	ZM_075_A2_A08	ZM_075_A2_A08_T7C	
52199	ZM_075_A2_A08		ZM_075_A2_A08_MR
52200	ZM_075_A2_A09	ZM_075_A2_A09_T7C	
52201	ZM_075_A2_A09		ZM_075_A2_A09_MR
52202	ZM_075_A2_A10	ZM_075_A2_A10_T7C	
52203	ZM_075_A2_A10		ZM_075_A2_A10_MR
52204	ZM_075_A2_A11	ZM_075_A2_A11_T7C	
52205	ZM_075_A2_A11		ZM_075_A2_A11_MR
52206	ZM_075_A2_A12	ZM_075_A2_A12_T7C	
52207	ZM_075_A2_A12		ZM_075_A2_A12_MR
52208	ZM_075_A2_B02	ZM_075_A2_B02_T7C	
52209	ZM_075_A2_B02		ZM_075_A2_B02_MR
52210	ZM_075_A2_B03		ZM_075_A2_B03_MR
52211	ZM_075_A2_B04	ZM_075_A2_B04_T7C	
52212	ZM_075_A2_B04		ZM_075_A2_B04_MR
52213	ZM_075_A2_B05	ZM_075_A2_B05_T7C	
52214	ZM_075_A2_B05		ZM_075_A2_B05_MR
52215	ZM_075_A2_B06		ZM_075_A2_B06_MR
52216	ZM_075_A2_B07	ZM_075_A2_B07_T7C	
52217	ZM_075_A2_B07		ZM_075_A2_B07_MR
52218	ZM_075_A2_B08	ZM_075_A2_B08_T7C	
52219	ZM_075_A2_B08		ZM_075_A2_B08_MR
52220	ZM_075_A2_B09	ZM_075_A2_B09_T7C	
52221	ZM_075_A2_B09		ZM_075_A2_B09_MR
52222	ZM_075_A2_B10	ZM_075_A2_B10_T7C	
52223	ZM_075_A2_B11	ZM_075_A2_B11_T7C	
52224	ZM_075_A2_B12		ZM_075_A2_B12_MR
52225	ZM_075_A2_C02	ZM_075_A2_C02_T7C	
52226	ZM_075_A2_C02		ZM_075_A2_C02_MR
52227	ZM_075_A2_C03		ZM_075_A2_C03_MR
52228	ZM_075_A2_C04	ZM_075_A2_C04_T7C	
52229	ZM_075_A2_C04		ZM_075_A2_C04_MR
52230	ZM_075_A2_C05	ZM_075_A2_C05_T7C	
52231	ZM_075_A2_C05		ZM_075_A2_C05_MR
52232	ZM_075_A2_C07	ZM_075_A2_C07_T7C	
52233	ZM_075_A2_C07		ZM_075_A2_C07_MR
52234	ZM_075_A2_C08	ZM_075_A2_C08_T7C	
52235	ZM_075_A2_C08		ZM_075_A2_C08_MR
52236	ZM_075_A2_C09	ZM_075_A2_C09_T7C	
52237	ZM_075_A2_C09		ZM_075_A2_C09_MR
52238	ZM_075_A2_C10	ZM_075_A2_C10_T7C	
52239	ZM_075_A2_C10		ZM_075_A2_C10_MR
52240	ZM_075_A2_C11	ZM_075_A2_C11_T7C	
52241	ZM_075_A2_C11		ZM_075_A2_C11_MR
52242	ZM_075_A2_C12	ZM_075_A2_C12_T7C	
52243	ZM_075_A2_C12		ZM_075_A2_C12_MR
52244	ZM_075_A2_D02	ZM_075_A2_D02_T7C	
52245	ZM_075_A2_D02		ZM_075_A2_D02_MR
52246	ZM_075_A2_D03	ZM_075_A2_D03_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52247	ZM_075_A2_D03		ZM_075_A2_D03_MR
52248	ZM_075_A2_D04	ZM_075_A2_D04_T7C	
52249	ZM_075_A2_D04		ZM_075_A2_D04_MR
52250	ZM_075_A2_D05	ZM_075_A2_D05_T7C	
52251	ZM_075_A2_D05		ZM_075_A2_D05_MR
52252	ZM_075_A2_D06	ZM_075_A2_D06_T7C	
52253	ZM_075_A2_D06		ZM_075_A2_D06_MR
52254	ZM_075_A2_D07	ZM_075_A2_D07_T7C	
52255	ZM_075_A2_D07		ZM_075_A2_D07_MR
52256	ZM_075_A2_D08	ZM_075_A2_D08_T7C	
52257	ZM_075_A2_D08		ZM_075_A2_D08_MR
52258	ZM_075_A2_D09		ZM_075_A2_D09_MR
52259	ZM_075_A2_D10	ZM_075_A2_D10_T7C	
52260	ZM_075_A2_D10		ZM_075_A2_D10_MR
52261	ZM_075_A2_D11	ZM_075_A2_D11_T7C	
52262	ZM_075_A2_D11		ZM_075_A2_D11_MR
52263	ZM_075_A2_D12	ZM_075_A2_D12_T7C	
52264	ZM_075_A2_D12		ZM_075_A2_D12_MR
52265	ZM_075_A2_E01	ZM_075_A2_E01_T7C	
52266	ZM_075_A2_E01		ZM_075_A2_E01_MR
52267	ZM_075_A2_E02	ZM_075_A2_E02_T7C	
52268	ZM_075_A2_E02		ZM_075_A2_E02_MR
52269	ZM_075_A2_E03	ZM_075_A2_E03_T7C	
52270	ZM_075_A2_E03		ZM_075_A2_E03_MR
52271	ZM_075_A2_E04	ZM_075_A2_E04_T7C	
52272	ZM_075_A2_E04		ZM_075_A2_E04_MR
52273	ZM_075_A2_E05	ZM_075_A2_E05_T7C	
52274	ZM_075_A2_E05		ZM_075_A2_E05_MR
52275	ZM_075_A2_E06	ZM_075_A2_E06_T7C	
52276	ZM_075_A2_E06		ZM_075_A2_E06_MR
52277	ZM_075_A2_E07	ZM_075_A2_E07_T7C	
52278	ZM_075_A2_E07		ZM_075_A2_E07_MR
52279	ZM_075_A2_E08	ZM_075_A2_E08_T7C	
52280	ZM_075_A2_E08		ZM_075_A2_E08_MR
52281	ZM_075_A2_E09	ZM_075_A2_E09_T7C	
52282	ZM_075_A2_E09		ZM_075_A2_E09_MR
52283	ZM_075_A2_E10	ZM_075_A2_E10_T7C	
52284	ZM_075_A2_E10		ZM_075_A2_E10_MR
52285	ZM_075_A2_E11	ZM_075_A2_E11_T7C	
52286	ZM_075_A2_E11		ZM_075_A2_E11_MR
52287	ZM_075_A2_E12	ZM_075_A2_E12_T7C	
52288	ZM_075_A2_E12		ZM_075_A2_E12_MR
52289	ZM_075_A2_F01	ZM_075_A2_F01_T7C	
52290	ZM_075_A2_F01		ZM_075_A2_F01_MR
52291	ZM_075_A2_F02	ZM_075_A2_F02_T7C	
52292	ZM_075_A2_F02		ZM_075_A2_F02_MR
52293	ZM_075_A2_F03	ZM_075_A2_F03_T7C	
52294	ZM_075_A2_F03		ZM_075_A2_F03_MR
52295	ZM_075_A2_F04	ZM_075_A2_F04_T7C	
52296	ZM_075_A2_F04		ZM_075_A2_F04_MR
52297	ZM_075_A2_F05		ZM_075_A2_F05_MR
52298	ZM_075_A2_F06		ZM_075_A2_F06_MR
52299	ZM_075_A2_F07	ZM_075_A2_F07_T7C	
52300	ZM_075_A2_F07		ZM_075_A2_F07_MR
52301	ZM_075_A2_F08	ZM_075_A2_F08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52302	ZM_075_A2_F08		ZM_075_A2_F08_MR
52303	ZM_075_A2_F09	ZM_075_A2_F09_T7C	
52304	ZM_075_A2_F09		ZM_075_A2_F09_MR
52305	ZM_075_A2_F10	ZM_075_A2_F10_T7C	
52306	ZM_075_A2_F10		ZM_075_A2_F10_MR
52307	ZM_075_A2_F11	ZM_075_A2_F11_T7C	
52308	ZM_075_A2_F11		ZM_075_A2_F11_MR
52309	ZM_075_A2_F12	ZM_075_A2_F12_T7C	
52310	ZM_075_A2_G01	ZM_075_A2_G01_T7C	
52311	ZM_075_A2_G01		ZM_075_A2_G01_MR
52312	ZM_075_A2_G02	ZM_075_A2_G02_T7C	
52313	ZM_075_A2_G02		ZM_075_A2_G02_MR
52314	ZM_075_A2_G03	ZM_075_A2_G03_T7C	
52315	ZM_075_A2_G03		ZM_075_A2_G03_MR
52316	ZM_075_A2_G04	ZM_075_A2_G04_T7C	
52317	ZM_075_A2_G04		ZM_075_A2_G04_MR
52318	ZM_075_A2_G05	ZM_075_A2_G05_T7C	
52319	ZM_075_A2_G05		ZM_075_A2_G05_MR
52320	ZM_075_A2_G07	ZM_075_A2_G07_T7C	
52321	ZM_075_A2_G07		ZM_075_A2_G07_MR
52322	ZM_075_A2_G08	ZM_075_A2_G08_T7C	
52323	ZM_075_A2_G08		ZM_075_A2_G08_MR
52324	ZM_075_A2_G09		ZM_075_A2_G09_MR
52325	ZM_075_A2_G10	ZM_075_A2_G10_T7C	
52326	ZM_075_A2_G10		ZM_075_A2_G10_MR
52327	ZM_075_A2_G11	ZM_075_A2_G11_T7C	
52328	ZM_075_A2_G11		ZM_075_A2_G11_MR
52329	ZM_075_A2_G12	ZM_075_A2_G12_T7C	
52330	ZM_075_A2_G12		ZM_075_A2_G12_MR
52331	ZM_075_A2_H01	ZM_075_A2_H01_T7C	
52332	ZM_075_A2_H01		ZM_075_A2_H01_MR
52333	ZM_075_A2_H02		ZM_075_A2_H02_MR
52334	ZM_075_A2_H03	ZM_075_A2_H03_T7C	
52335	ZM_075_A2_H03		ZM_075_A2_H03_MR
52336	ZM_075_A2_H04	ZM_075_A2_H04_T7C	
52337	ZM_075_A2_H04		ZM_075_A2_H04_MR
52338	ZM_075_A2_H05	ZM_075_A2_H05_T7C	
52339	ZM_075_A2_H05		ZM_075_A2_H05_MR
52340	ZM_075_A2_H06	ZM_075_A2_H06_T7C	
52341	ZM_075_A2_H06		ZM_075_A2_H06_MR
52342	ZM_075_A2_H07	ZM_075_A2_H07_T7C	
52343	ZM_075_A2_H07		ZM_075_A2_H07_MR
52344	ZM_075_A2_H08		ZM_075_A2_H08_MR
52345	ZM_075_A2_H09	ZM_075_A2_H09_T7C	
52346	ZM_075_A2_H09		ZM_075_A2_H09_MR
52347	ZM_075_A2_H10		ZM_075_A2_H10_MR
52348	ZM_075_A2_H11	ZM_075_A2_H11_T7C	
52349	ZM_075_A2_H11		ZM_075_A2_H11_MR
52350	ZM_075_B1_A01	ZM_075_B1_A01_T7C	
52351	ZM_075_B1_A01		ZM_075_B1_A01_MR
52352	ZM_075_B1_A02		ZM_075_B1_A02_MR
52353	ZM_075_B1_A03	ZM_075_B1_A03_T7C	
52354	ZM_075_B1_A03		ZM_075_B1_A03_MR
52355	ZM_075_B1_A04	ZM_075_B1_A04_T7C	
52356	ZM_075_B1_A04		ZM_075_B1_A04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52357	ZM_075_B1_A05	ZM_075_B1_A05_T7C	
52358	ZM_075_B1_A05		ZM_075_B1_A05_MR
52359	ZM_075_B1_A06	ZM_075_B1_A06_T7C	
52360	ZM_075_B1_A06		ZM_075_B1_A06_MR
52361	ZM_075_B1_A07	ZM_075_B1_A07_T7C	
52362	ZM_075_B1_A07		ZM_075_B1_A07_MR
52363	ZM_075_B1_A08	ZM_075_B1_A08_T7C	
52364	ZM_075_B1_A08		ZM_075_B1_A08_MR
52365	ZM_075_B1_A09	ZM_075_B1_A09_T7C	
52366	ZM_075_B1_A09		ZM_075_B1_A09_MR
52367	ZM_075_B1_A10	ZM_075_B1_A10_T7C	
52368	ZM_075_B1_A10		ZM_075_B1_A10_MR
52369	ZM_075_B1_A11	ZM_075_B1_A11_T7C	
52370	ZM_075_B1_A11		ZM_075_B1_A11_MR
52371	ZM_075_B1_A12	ZM_075_B1_A12_T7C	
52372	ZM_075_B1_A12		ZM_075_B1_A12_MR
52373	ZM_075_B1_B01	ZM_075_B1_B01_T7C	
52374	ZM_075_B1_B01		ZM_075_B1_B01_MR
52375	ZM_075_B1_B02	ZM_075_B1_B02_T7C	
52376	ZM_075_B1_B02		ZM_075_B1_B02_MR
52377	ZM_075_B1_B03	ZM_075_B1_B03_T7C	
52378	ZM_075_B1_B03		ZM_075_B1_B03_MR
52379	ZM_075_B1_B04	ZM_075_B1_B04_T7C	
52380	ZM_075_B1_B04		ZM_075_B1_B04_MR
52381	ZM_075_B1_B07	ZM_075_B1_B07_T7C	
52382	ZM_075_B1_B07		ZM_075_B1_B07_MR
52383	ZM_075_B1_B08	ZM_075_B1_B08_T7C	
52384	ZM_075_B1_B08		ZM_075_B1_B08_MR
52385	ZM_075_B1_B09	ZM_075_B1_B09_T7C	
52386	ZM_075_B1_B09		ZM_075_B1_B09_MR
52387	ZM_075_B1_B10	ZM_075_B1_B10_T7C	
52388	ZM_075_B1_B10		ZM_075_B1_B10_MR
52389	ZM_075_B1_B11	ZM_075_B1_B11_T7C	
52390	ZM_075_B1_B12	ZM_075_B1_B12_T7C	
52391	ZM_075_B1_B12		ZM_075_B1_B12_MR
52392	ZM_075_B1_C01	ZM_075_B1_C01_T7C	
52393	ZM_075_B1_C01		ZM_075_B1_C01_MR
52394	ZM_075_B1_C02		ZM_075_B1_C02_MR
52395	ZM_075_B1_C03	ZM_075_B1_C03_T7C	
52396	ZM_075_B1_C03		ZM_075_B1_C03_MR
52397	ZM_075_B1_C04	ZM_075_B1_C04_T7C	
52398	ZM_075_B1_C04		ZM_075_B1_C04_MR
52399	ZM_075_B1_C06	ZM_075_B1_C06_T7C	
52400	ZM_075_B1_C06		ZM_075_B1_C06_MR
52401	ZM_075_B1_C07	ZM_075_B1_C07_T7C	
52402	ZM_075_B1_C08	ZM_075_B1_C08_T7C	
52403	ZM_075_B1_C08		ZM_075_B1_C08_MR
52404	ZM_075_B1_C09	ZM_075_B1_C09_T7C	
52405	ZM_075_B1_C10	ZM_075_B1_C10_T7C	
52406	ZM_075_B1_C10		ZM_075_B1_C10_MR
52407	ZM_075_B1_C11	ZM_075_B1_C11_T7C	
52408	ZM_075_B1_C11		ZM_075_B1_C11_MR
52409	ZM_075_B1_C12	ZM_075_B1_C12_T7C	
52410	ZM_075_B1_C12		ZM_075_B1_C12_MR
52411	ZM_075_B1_D01		ZM_075_B1_D01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52412	ZM_075_B1_D02		ZM_075_B1_D02_MR
52413	ZM_075_B1_D03		ZM_075_B1_D03_MR
52414	ZM_075_B1_D04		ZM_075_B1_D04_MR
52415	ZM_075_B1_D05	ZM_075_B1_D05_T7C	
52416	ZM_075_B1_D05		ZM_075_B1_D05_MR
52417	ZM_075_B1_D06		ZM_075_B1_D06_MR
52418	ZM_075_B1_D07	ZM_075_B1_D07_T7C	
52419	ZM_075_B1_D08		ZM_075_B1_D08_MR
52420	ZM_075_B1_D09		ZM_075_B1_D09_MR
52421	ZM_075_B1_D10	ZM_075_B1_D10_T7C	
52422	ZM_075_B1_D11		ZM_075_B1_D11_MR
52423	ZM_075_B1_D12		ZM_075_B1_D12_MR
52424	ZM_075_B1_E01	ZM_075_B1_E01_T7C	
52425	ZM_075_B1_E01		ZM_075_B1_E01_MR
52426	ZM_075_B1_E02	ZM_075_B1_E02_T7C	
52427	ZM_075_B1_E02		ZM_075_B1_E02_MR
52428	ZM_075_B1_E03	ZM_075_B1_E03_T7C	
52429	ZM_075_B1_E03		ZM_075_B1_E03_MR
52430	ZM_075_B1_E04	ZM_075_B1_E04_T7C	
52431	ZM_075_B1_E04		ZM_075_B1_E04_MR
52432	ZM_075_B1_E05	ZM_075_B1_E05_T7C	
52433	ZM_075_B1_E05		ZM_075_B1_E05_MR
52434	ZM_075_B1_E08	ZM_075_B1_E08_T7C	
52435	ZM_075_B1_E09	ZM_075_B1_E09_T7C	
52436	ZM_075_B1_E09		ZM_075_B1_E09_MR
52437	ZM_075_B1_E10	ZM_075_B1_E10_T7C	
52438	ZM_075_B1_E12	ZM_075_B1_E12_T7C	
52439	ZM_075_B1_E12		ZM_075_B1_E12_MR
52440	ZM_075_B1_F02	ZM_075_B1_F02_T7C	
52441	ZM_075_B1_F02		ZM_075_B1_F02_MR
52442	ZM_075_B1_F03	ZM_075_B1_F03_T7C	
52443	ZM_075_B1_F03		ZM_075_B1_F03_MR
52444	ZM_075_B1_F04	ZM_075_B1_F04_T7C	
52445	ZM_075_B1_F04		ZM_075_B1_F04_MR
52446	ZM_075_B1_F06	ZM_075_B1_F06_T7C	
52447	ZM_075_B1_F06		ZM_075_B1_F06_MR
52448	ZM_075_B1_F07		ZM_075_B1_F07_MR
52449	ZM_075_B1_F08	ZM_075_B1_F08_T7C	
52450	ZM_075_B1_F08		ZM_075_B1_F08_MR
52451	ZM_075_B1_F09	ZM_075_B1_F09_T7C	
52452	ZM_075_B1_F09		ZM_075_B1_F09_MR
52453	ZM_075_B1_F11	ZM_075_B1_F11_T7C	
52454	ZM_075_B1_F12	ZM_075_B1_F12_T7C	
52455	ZM_075_B1_F12		ZM_075_B1_F12_MR
52456	ZM_075_B1_G01	ZM_075_B1_G01_T7C	
52457	ZM_075_B1_G01		ZM_075_B1_G01_MR
52458	ZM_075_B1_G02		ZM_075_B1_G02_MR
52459	ZM_075_B1_G03	ZM_075_B1_G03_T7C	
52460	ZM_075_B1_G03		ZM_075_B1_G03_MR
52461	ZM_075_B1_G04	ZM_075_B1_G04_T7C	
52462	ZM_075_B1_G04		ZM_075_B1_G04_MR
52463	ZM_075_B1_G05		ZM_075_B1_G05_MR
52464	ZM_075_B1_G06	ZM_075_B1_G06_T7C	
52465	ZM_075_B1_G06		ZM_075_B1_G06_MR
52466	ZM_075_B1_G07	ZM_075_B1_G07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52467	ZM_075_B1_G07		ZM_075_B1_G07_MR
52468	ZM_075_B1_G08	ZM_075_B1_G08_T7C	
52469	ZM_075_B1_G08		ZM_075_B1_G08_MR
52470	ZM_075_B1_G09	ZM_075_B1_G09_T7C	
52471	ZM_075_B1_G09		ZM_075_B1_G09_MR
52472	ZM_075_B1_G10	ZM_075_B1_G10_T7C	
52473	ZM_075_B1_G10		ZM_075_B1_G10_MR
52474	ZM_075_B1_G12	ZM_075_B1_G12_T7C	
52475	ZM_075_B1_G12		ZM_075_B1_G12_MR
52476	ZM_075_B1_H01	ZM_075_B1_H01_T7C	
52477	ZM_075_B1_H01		ZM_075_B1_H01_MR
52478	ZM_075_B1_H03	ZM_075_B1_H03_T7C	
52479	ZM_075_B1_H03		ZM_075_B1_H03_MR
52480	ZM_075_B1_H04	ZM_075_B1_H04_T7C	
52481	ZM_075_B1_H04		ZM_075_B1_H04_MR
52482	ZM_075_B1_H05	ZM_075_B1_H05_T7C	
52483	ZM_075_B1_H06		ZM_075_B1_H06_MR
52484	ZM_075_B1_H07	ZM_075_B1_H07_T7C	
52485	ZM_075_B1_H07		ZM_075_B1_H07_MR
52486	ZM_075_B1_H08	ZM_075_B1_H08_T7C	
52487	ZM_075_B1_H08		ZM_075_B1_H08_MR
52488	ZM_075_B1_H09	ZM_075_B1_H09_T7C	
52489	ZM_075_B1_H09		ZM_075_B1_H09_MR
52490	ZM_075_B1_H10	ZM_075_B1_H10_T7C	
52491	ZM_075_B1_H10		ZM_075_B1_H10_MR
52492	ZM_075_B1_H11	ZM_075_B1_H11_T7C	
52493	ZM_075_B1_H11		ZM_075_B1_H11_MR
52494	ZM_075_B1_H12	ZM_075_B1_H12_T7C	
52495	ZM_075_B1_H12		ZM_075_B1_H12_MR
52496	ZM_075_B2_A01		ZM_075_B2_A01_MR
52497	ZM_075_B2_A02		ZM_075_B2_A02_MR
52498	ZM_075_B2_A03		ZM_075_B2_A03_MR
52499	ZM_075_B2_A04		ZM_075_B2_A04_MR
52500	ZM_075_B2_A05		ZM_075_B2_A05_MR
52501	ZM_075_B2_A06		ZM_075_B2_A06_MR
52502	ZM_075_B2_A07		ZM_075_B2_A07_MR
52503	ZM_075_B2_A08		ZM_075_B2_A08_MR
52504	ZM_075_B2_A09		ZM_075_B2_A09_MR
52505	ZM_075_B2_A10		ZM_075_B2_A10_MR
52506	ZM_075_B2_A11		ZM_075_B2_A11_MR
52507	ZM_075_B2_A12		ZM_075_B2_A12_MR
52508	ZM_075_B2_B01		ZM_075_B2_B01_MR
52509	ZM_075_B2_B02		ZM_075_B2_B02_MR
52510	ZM_075_B2_B03		ZM_075_B2_B03_MR
52511	ZM_075_B2_B04		ZM_075_B2_B04_MR
52512	ZM_075_B2_B05		ZM_075_B2_B05_MR
52513	ZM_075_B2_B06		ZM_075_B2_B06_MR
52514	ZM_075_B2_B07		ZM_075_B2_B07_MR
52515	ZM_075_B2_B08		ZM_075_B2_B08_MR
52516	ZM_075_B2_B10		ZM_075_B2_B10_MR
52517	ZM_075_B2_B11		ZM_075_B2_B11_MR
52518	ZM_075_B2_C01		ZM_075_B2_C01_MR
52519	ZM_075_B2_C02		ZM_075_B2_C02_MR
52520	ZM_075_B2_C03		ZM_075_B2_C03_MR
52521	ZM_075_B2_C04		ZM_075_B2_C04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52522	ZM_075_B2_C05		ZM_075_B2_C05_MR
52523	ZM_075_B2_C06		ZM_075_B2_C06_MR
52524	ZM_075_B2_C07		ZM_075_B2_C07_MR
52525	ZM_075_B2_C08		ZM_075_B2_C08_MR
52526	ZM_075_B2_C09		ZM_075_B2_C09_MR
52527	ZM_075_B2_C10		ZM_075_B2_C10_MR
52528	ZM_075_B2_C11		ZM_075_B2_C11_MR
52529	ZM_075_B2_C12		ZM_075_B2_C12_MR
52530	ZM_075_B2_D01		ZM_075_B2_D01_MR
52531	ZM_075_B2_D02		ZM_075_B2_D02_MR
52532	ZM_075_B2_D03		ZM_075_B2_D03_MR
52533	ZM_075_B2_D04		ZM_075_B2_D04_MR
52534	ZM_075_B2_D05		ZM_075_B2_D05_MR
52535	ZM_075_B2_D06		ZM_075_B2_D06_MR
52536	ZM_075_B2_D07		ZM_075_B2_D07_MR
52537	ZM_075_B2_D08		ZM_075_B2_D08_MR
52538	ZM_075_B2_D09		ZM_075_B2_D09_MR
52539	ZM_075_B2_D10		ZM_075_B2_D10_MR
52540	ZM_075_B2_D11		ZM_075_B2_D11_MR
52541	ZM_075_B2_D12		ZM_075_B2_D12_MR
52542	ZM_075_B2_E01		ZM_075_B2_E01_MR
52543	ZM_075_B2_E02		ZM_075_B2_E02_MR
52544	ZM_075_B2_E03		ZM_075_B2_E03_MR
52545	ZM_075_B2_E04		ZM_075_B2_E04_MR
52546	ZM_075_B2_E05		ZM_075_B2_E05_MR
52547	ZM_075_B2_E06		ZM_075_B2_E06_MR
52548	ZM_075_B2_E07		ZM_075_B2_E07_MR
52549	ZM_075_B2_E08		ZM_075_B2_E08_MR
52550	ZM_075_B2_E09		ZM_075_B2_E09_MR
52551	ZM_075_B2_E10		ZM_075_B2_E10_MR
52552	ZM_075_B2_E11		ZM_075_B2_E11_MR
52553	ZM_075_B2_E12		ZM_075_B2_E12_MR
52554	ZM_075_B2_F01		ZM_075_B2_F01_MR
52555	ZM_075_B2_F02		ZM_075_B2_F02_MR
52556	ZM_075_B2_F03		ZM_075_B2_F03_MR
52557	ZM_075_B2_F04		ZM_075_B2_F04_MR
52558	ZM_075_B2_F05		ZM_075_B2_F05_MR
52559	ZM_075_B2_F06		ZM_075_B2_F06_MR
52560	ZM_075_B2_F07		ZM_075_B2_F07_MR
52561	ZM_075_B2_F08		ZM_075_B2_F08_MR
52562	ZM_075_B2_F09		ZM_075_B2_F09_MR
52563	ZM_075_B2_F10		ZM_075_B2_F10_MR
52564	ZM_075_B2_F11		ZM_075_B2_F11_MR
52565	ZM_075_B2_F12		ZM_075_B2_F12_MR
52566	ZM_075_B2_G01		ZM_075_B2_G01_MR
52567	ZM_075_B2_G02		ZM_075_B2_G02_MR
52568	ZM_075_B2_G03		ZM_075_B2_G03_MR
52569	ZM_075_B2_G04		ZM_075_B2_G04_MR
52570	ZM_075_B2_G05		ZM_075_B2_G05_MR
52571	ZM_075_B2_G06		ZM_075_B2_G06_MR
52572	ZM_075_B2_G07		ZM_075_B2_G07_MR
52573	ZM_075_B2_G08		ZM_075_B2_G08_MR
52574	ZM_075_B2_G09		ZM_075_B2_G09_MR
52575	ZM_075_B2_G10		ZM_075_B2_G10_MR
52576	ZM_075_B2_G11		ZM_075_B2_G11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52577	ZM_075_B2_G12		ZM_075_B2_G12_MR
52578	ZM_075_B2_H02		ZM_075_B2_H02_MR
52579	ZM_075_B2_H03		ZM_075_B2_H03_MR
52580	ZM_075_B2_H04		ZM_075_B2_H04_MR
52581	ZM_075_B2_H05		ZM_075_B2_H05_MR
52582	ZM_075_B2_H06		ZM_075_B2_H06_MR
52583	ZM_075_B2_H07		ZM_075_B2_H07_MR
52584	ZM_075_B2_H08		ZM_075_B2_H08_MR
52585	ZM_075_B2_H09		ZM_075_B2_H09_MR
52586	ZM_075_B2_H10		ZM_075_B2_H10_MR
52587	ZM_075_B2_H11		ZM_075_B2_H11_MR
52588	ZM_075_B2_H12		ZM_075_B2_H12_MR
52589	ZM_076_A1_A01	ZM_076_A1_A01_T7C	
52590	ZM_076_A1_A01		ZM_076_A1_A01_MR
52591	ZM_076_A1_A02	ZM_076_A1_A02_T7C	
52592	ZM_076_A1_A03	ZM_076_A1_A03_T7C	
52593	ZM_076_A1_A04	ZM_076_A1_A04_T7C	
52594	ZM_076_A1_A05	ZM_076_A1_A05_T7C	
52595	ZM_076_A1_A05		ZM_076_A1_A05_MR
52596	ZM_076_A1_A06	ZM_076_A1_A06_T7C	
52597	ZM_076_A1_A07	ZM_076_A1_A07_T7C	
52598	ZM_076_A1_A08	ZM_076_A1_A08_T7C	
52599	ZM_076_A1_A08		ZM_076_A1_A08_MR
52600	ZM_076_A1_A09	ZM_076_A1_A09_T7C	
52601	ZM_076_A1_A10	ZM_076_A1_A10_T7C	
52602	ZM_076_A1_A11	ZM_076_A1_A11_T7C	
52603	ZM_076_A1_A12	ZM_076_A1_A12_T7C	
52604	ZM_076_A1_B01	ZM_076_A1_B01_T7C	
52605	ZM_076_A1_B02	ZM_076_A1_B02_T7C	
52606	ZM_076_A1_B03	ZM_076_A1_B03_T7C	
52607	ZM_076_A1_B05	ZM_076_A1_B05_T7C	
52608	ZM_076_A1_B05		ZM_076_A1_B05_MR
52609	ZM_076_A1_B07	ZM_076_A1_B07_T7C	
52610	ZM_076_A1_B08	ZM_076_A1_B08_T7C	
52611	ZM_076_A1_B09	ZM_076_A1_B09_T7C	
52612	ZM_076_A1_B10	ZM_076_A1_B10_T7C	
52613	ZM_076_A1_B10		ZM_076_A1_B10_MR
52614	ZM_076_A1_B11	ZM_076_A1_B11_T7C	
52615	ZM_076_A1_B12	ZM_076_A1_B12_T7C	
52616	ZM_076_A1_C01	ZM_076_A1_C01_T7C	
52617	ZM_076_A1_C02	ZM_076_A1_C02_T7C	
52618	ZM_076_A1_C03	ZM_076_A1_C03_T7C	
52619	ZM_076_A1_C04	ZM_076_A1_C04_T7C	
52620	ZM_076_A1_C05	ZM_076_A1_C05_T7C	
52621	ZM_076_A1_C05		ZM_076_A1_C05_MR
52622	ZM_076_A1_C06	ZM_076_A1_C06_T7C	
52623	ZM_076_A1_C07	ZM_076_A1_C07_T7C	
52624	ZM_076_A1_C08	ZM_076_A1_C08_T7C	
52625	ZM_076_A1_C09	ZM_076_A1_C09_T7C	
52626	ZM_076_A1_C10	ZM_076_A1_C10_T7C	
52627	ZM_076_A1_C10		ZM_076_A1_C10_MR
52628	ZM_076_A1_C11	ZM_076_A1_C11_T7C	
52629	ZM_076_A1_C12	ZM_076_A1_C12_T7C	
52630	ZM_076_A1_D01	ZM_076_A1_D01_T7C	
52631	ZM_076_A1_D02	ZM_076_A1_D02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52632	ZM_076_A1_D04	ZM_076_A1_D04_T7C	
52633	ZM_076_A1_D05	ZM_076_A1_D05_T7C	
52634	ZM_076_A1_D06	ZM_076_A1_D06_T7C	
52635	ZM_076_A1_D07	ZM_076_A1_D07_T7C	
52636	ZM_076_A1_D08	ZM_076_A1_D08_T7C	
52637	ZM_076_A1_D08		ZM_076_A1_D08_MR
52638	ZM_076_A1_D09	ZM_076_A1_D09_T7C	
52639	ZM_076_A1_D10	ZM_076_A1_D10_T7C	
52640	ZM_076_A1_D11	ZM_076_A1_D11_T7C	
52641	ZM_076_A1_D12	ZM_076_A1_D12_T7C	
52642	ZM_076_A1_E01	ZM_076_A1_E01_T7C	
52643	ZM_076_A1_E02	ZM_076_A1_E02_T7C	
52644	ZM_076_A1_E02		ZM_076_A1_E02_MR
52645	ZM_076_A1_E03	ZM_076_A1_E03_T7C	
52646	ZM_076_A1_E04	ZM_076_A1_E04_T7C	
52647	ZM_076_A1_E05	ZM_076_A1_E05_T7C	
52648	ZM_076_A1_E06	ZM_076_A1_E06_T7C	
52649	ZM_076_A1_E07	ZM_076_A1_E07_T7C	
52650	ZM_076_A1_E08	ZM_076_A1_E08_T7C	
52651	ZM_076_A1_E08		ZM_076_A1_E08_MR
52652	ZM_076_A1_E09		ZM_076_A1_E09_MR
52653	ZM_076_A1_E10	ZM_076_A1_E10_T7C	
52654	ZM_076_A1_E10		ZM_076_A1_E10_MR
52655	ZM_076_A1_E11	ZM_076_A1_E11_T7C	
52656	ZM_076_A1_E12	ZM_076_A1_E12_T7C	
52657	ZM_076_A1_F01	ZM_076_A1_F01_T7C	
52658	ZM_076_A1_F02	ZM_076_A1_F02_T7C	
52659	ZM_076_A1_F03	ZM_076_A1_F03_T7C	
52660	ZM_076_A1_F04	ZM_076_A1_F04_T7C	
52661	ZM_076_A1_F04		ZM_076_A1_F04_MR
52662	ZM_076_A1_F05	ZM_076_A1_F05_T7C	
52663	ZM_076_A1_F06	ZM_076_A1_F06_T7C	
52664	ZM_076_A1_F08	ZM_076_A1_F08_T7C	
52665	ZM_076_A1_F09	ZM_076_A1_F09_T7C	
52666	ZM_076_A1_F10		ZM_076_A1_F10_MR
52667	ZM_076_A1_F11	ZM_076_A1_F11_T7C	
52668	ZM_076_A1_F12	ZM_076_A1_F12_T7C	
52669	ZM_076_A1_F12		ZM_076_A1_F12_MR
52670	ZM_076_A1_G01	ZM_076_A1_G01_T7C	
52671	ZM_076_A1_G02	ZM_076_A1_G02_T7C	
52672	ZM_076_A1_G04	ZM_076_A1_G04_T7C	
52673	ZM_076_A1_G05	ZM_076_A1_G05_T7C	
52674	ZM_076_A1_G05		ZM_076_A1_G05_MR
52675	ZM_076_A1_G07	ZM_076_A1_G07_T7C	
52676	ZM_076_A1_G08	ZM_076_A1_G08_T7C	
52677	ZM_076_A1_G09	ZM_076_A1_G09_T7C	
52678	ZM_076_A1_G10	ZM_076_A1_G10_T7C	
52679	ZM_076_A1_G11	ZM_076_A1_G11_T7C	
52680	ZM_076_A1_G12	ZM_076_A1_G12_T7C	
52681	ZM_076_A1_H01	ZM_076_A1_H01_T7C	
52682	ZM_076_A1_H02	ZM_076_A1_H02_T7C	
52683	ZM_076_A1_H03	ZM_076_A1_H03_T7C	
52684	ZM_076_A1_H04	ZM_076_A1_H04_T7C	
52685	ZM_076_A1_H05	ZM_076_A1_H05_T7C	
52686	ZM_076_A1_H07	ZM_076_A1_H07_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52687	ZM_076_A1_H07		ZM_076_A1_H07_MR
52688	ZM_076_A1_H08	ZM_076_A1_H08_T7C	
52689	ZM_076_A1_H09	ZM_076_A1_H09_T7C	
52690	ZM_076_A1_H10		ZM_076_A1_H10_MR
52691	ZM_076_A1_H11	ZM_076_A1_H11_T7C	
52692	ZM_076_A1_H12	ZM_076_A1_H12_T7C	
52693	ZM_076_A2_A07	ZM_076_A2_A07_T7	
52694	ZM_076_A2_A10	ZM_076_A2_A10_T7	
52695	ZM_076_B1_A01	ZM_076_B1_A01_T7C	
52696	ZM_076_B1_A01		ZM_076_B1_A01_MR
52697	ZM_076_B1_A02	ZM_076_B1_A02_T7C	
52698	ZM_076_B1_A02		ZM_076_B1_A02_MR
52699	ZM_076_B1_A03	ZM_076_B1_A03_T7C	
52700	ZM_076_B1_A04	ZM_076_B1_A04_T7C	
52701	ZM_076_B1_A04		ZM_076_B1_A04_MR
52702	ZM_076_B1_A05		ZM_076_B1_A05_MR
52703	ZM_076_B1_A08	ZM_076_B1_A08_T7C	
52704	ZM_076_B1_A11	ZM_076_B1_A11_T7C	
52705	ZM_076_B1_A11		ZM_076_B1_A11_MR
52706	ZM_076_B1_A12		ZM_076_B1_A12_MR
52707	ZM_076_B1_B01	ZM_076_B1_B01_T7C	
52708	ZM_076_B1_B01		ZM_076_B1_B01_MR
52709	ZM_076_B1_B02	ZM_076_B1_B02_T7C	
52710	ZM_076_B1_B02		ZM_076_B1_B02_MR
52711	ZM_076_B1_B04	ZM_076_B1_B04_T7C	
52712	ZM_076_B1_B04		ZM_076_B1_B04_MR
52713	ZM_076_B1_B05	ZM_076_B1_B05_T7C	
52714	ZM_076_B1_B05		ZM_076_B1_B05_MR
52715	ZM_076_B1_B06	ZM_076_B1_B06_T7C	
52716	ZM_076_B1_B06		ZM_076_B1_B06_MR
52717	ZM_076_B1_B07	ZM_076_B1_B07_T7C	
52718	ZM_076_B1_B07		ZM_076_B1_B07_MR
52719	ZM_076_B1_B08	ZM_076_B1_B08_T7C	
52720	ZM_076_B1_B08		ZM_076_B1_B08_MR
52721	ZM_076_B1_B09		ZM_076_B1_B09_MR
52722	ZM_076_B1_B10	ZM_076_B1_B10_T7C	
52723	ZM_076_B1_B10		ZM_076_B1_B10_MR
52724	ZM_076_B1_B11		ZM_076_B1_B11_MR
52725	ZM_076_B1_B12	ZM_076_B1_B12_T7C	
52726	ZM_076_B1_B12		ZM_076_B1_B12_MR
52727	ZM_076_B1_C01	ZM_076_B1_C01_T7C	
52728	ZM_076_B1_C01		ZM_076_B1_C01_MR
52729	ZM_076_B1_C02		ZM_076_B1_C02_MR
52730	ZM_076_B1_C04	ZM_076_B1_C04_T7C	
52731	ZM_076_B1_C04		ZM_076_B1_C04_MR
52732	ZM_076_B1_C05		ZM_076_B1_C05_MR
52733	ZM_076_B1_C06	ZM_076_B1_C06_T7C	
52734	ZM_076_B1_C06		ZM_076_B1_C06_MR
52735	ZM_076_B1_C07	ZM_076_B1_C07_T7C	
52736	ZM_076_B1_C07		ZM_076_B1_C07_MR
52737	ZM_076_B1_C09		ZM_076_B1_C09_MR
52738	ZM_076_B1_C10		ZM_076_B1_C10_MR
52739	ZM_076_B1_C11		ZM_076_B1_C11_MR
52740	ZM_076_B1_C12		ZM_076_B1_C12_MR
52741	ZM_076_B1_D01	ZM_076_B1_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52742	ZM_076_B1_D01		ZM_076_B1_D01_MR
52743	ZM_076_B1_D02	ZM_076_B1_D02_T7C	
52744	ZM_076_B1_D04	ZM_076_B1_D04_T7C	
52745	ZM_076_B1_D04		ZM_076_B1_D04_MR
52746	ZM_076_B1_D05		ZM_076_B1_D05_MR
52747	ZM_076_B1_D08	ZM_076_B1_D08_T7C	
52748	ZM_076_B1_D10	ZM_076_B1_D10_T7C	
52749	ZM_076_B1_D10		ZM_076_B1_D10_MR
52750	ZM_076_B1_D11	ZM_076_B1_D11_T7C	
52751	ZM_076_B1_D12	ZM_076_B1_D12_T7C	
52752	ZM_076_B1_E01	ZM_076_B1_E01_T7C	
52753	ZM_076_B1_E01		ZM_076_B1_E01_MR
52754	ZM_076_B1_E02		ZM_076_B1_E02_MR
52755	ZM_076_B1_E04	ZM_076_B1_E04_T7C	
52756	ZM_076_B1_E04		ZM_076_B1_E04_MR
52757	ZM_076_B1_E07	ZM_076_B1_E07_T7C	
52758	ZM_076_B1_E07		ZM_076_B1_E07_MR
52759	ZM_076_B1_E08	ZM_076_B1_E08_T7C	
52760	ZM_076_B1_E08		ZM_076_B1_E08_MR
52761	ZM_076_B1_E09	ZM_076_B1_E09_T7C	
52762	ZM_076_B1_E09		ZM_076_B1_E09_MR
52763	ZM_076_B1_E10	ZM_076_B1_E10_T7C	
52764	ZM_076_B1_E10		ZM_076_B1_E10_MR
52765	ZM_076_B1_E11		ZM_076_B1_E11_MR
52766	ZM_076_B1_E12		ZM_076_B1_E12_MR
52767	ZM_076_B1_F01	ZM_076_B1_F01_T7C	
52768	ZM_076_B1_F01		ZM_076_B1_F01_MR
52769	ZM_076_B1_F02	ZM_076_B1_F02_T7C	
52770	ZM_076_B1_F02		ZM_076_B1_F02_MR
52771	ZM_076_B1_F03		ZM_076_B1_F03_MR
52772	ZM_076_B1_F04		ZM_076_B1_F04_MR
52773	ZM_076_B1_F06	ZM_076_B1_F06_T7C	
52774	ZM_076_B1_F07	ZM_076_B1_F07_T7C	
52775	ZM_076_B1_F07		ZM_076_B1_F07_MR
52776	ZM_076_B1_F08		ZM_076_B1_F08_MR
52777	ZM_076_B1_F09		ZM_076_B1_F09_MR
52778	ZM_076_B1_F10		ZM_076_B1_F10_MR
52779	ZM_076_B1_F11	ZM_076_B1_F11_T7C	
52780	ZM_076_B1_F11		ZM_076_B1_F11_MR
52781	ZM_076_B1_F12		ZM_076_B1_F12_MR
52782	ZM_076_B1_G01	ZM_076_B1_G01_T7C	
52783	ZM_076_B1_G01		ZM_076_B1_G01_MR
52784	ZM_076_B1_G02	ZM_076_B1_G02_T7C	
52785	ZM_076_B1_G02		ZM_076_B1_G02_MR
52786	ZM_076_B1_G03	ZM_076_B1_G03_T7C	
52787	ZM_076_B1_G04		ZM_076_B1_G04_MR
52788	ZM_076_B1_G05	ZM_076_B1_G05_T7C	
52789	ZM_076_B1_G05		ZM_076_B1_G05_MR
52790	ZM_076_B1_G06	ZM_076_B1_G06_T7C	
52791	ZM_076_B1_G06		ZM_076_B1_G06_MR
52792	ZM_076_B1_G07	ZM_076_B1_G07_T7C	
52793	ZM_076_B1_G07		ZM_076_B1_G07_MR
52794	ZM_076_B1_G08	ZM_076_B1_G08_T7C	
52795	ZM_076_B1_G08		ZM_076_B1_G08_MR
52796	ZM_076_B1_G09	ZM_076_B1_G09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52797	ZM_076_B1_G10	ZM_076_B1_G10_T7C	
52798	ZM_076_B1_G10		ZM_076_B1_G10_MR
52799	ZM_076_B1_G11	ZM_076_B1_G11_T7C	
52800	ZM_076_B1_G11		ZM_076_B1_G11_MR
52801	ZM_076_B1_G12		ZM_076_B1_G12_MR
52802	ZM_076_B1_H01	ZM_076_B1_H01_T7C	
52803	ZM_076_B1_H01		ZM_076_B1_H01_MR
52804	ZM_076_B1_H02	ZM_076_B1_H02_T7C	
52805	ZM_076_B1_H03	ZM_076_B1_H03_T7C	
52806	ZM_076_B1_H03		ZM_076_B1_H03_MR
52807	ZM_076_B1_H04	ZM_076_B1_H04_T7C	
52808	ZM_076_B1_H04		ZM_076_B1_H04_MR
52809	ZM_076_B1_H05	ZM_076_B1_H05_T7C	
52810	ZM_076_B1_H05		ZM_076_B1_H05_MR
52811	ZM_076_B1_H06	ZM_076_B1_H06_T7C	
52812	ZM_076_B1_H07	ZM_076_B1_H07_T7C	
52813	ZM_076_B1_H07		ZM_076_B1_H07_MR
52814	ZM_076_B1_H08	ZM_076_B1_H08_T7C	
52815	ZM_076_B1_H08		ZM_076_B1_H08_MR
52816	ZM_076_B1_H09	ZM_076_B1_H09_T7C	
52817	ZM_076_B1_H09		ZM_076_B1_H09_MR
52818	ZM_076_B1_H11	ZM_076_B1_H11_T7C	
52819	ZM_076_B1_H11		ZM_076_B1_H11_MR
52820	ZM_076_B1_H12	ZM_076_B1_H12_T7C	
52821	ZM_076_B1_H12		ZM_076_B1_H12_MR
52822	ZM_076_B2_A01	ZM_076_B2_A01_T7C	
52823	ZM_076_B2_A03	ZM_076_B2_A03_T7C	
52824	ZM_076_B2_A04	ZM_076_B2_A04_T7C	
52825	ZM_076_B2_A05	ZM_076_B2_A05_T7C	
52826	ZM_076_B2_A07	ZM_076_B2_A07_T7C	
52827	ZM_076_B2_A08	ZM_076_B2_A08_T7C	
52828	ZM_076_B2_A09	ZM_076_B2_A09_T7C	
52829	ZM_076_B2_A10	ZM_076_B2_A10_T7C	
52830	ZM_076_B2_A11	ZM_076_B2_A11_T7C	
52831	ZM_076_B2_A12	ZM_076_B2_A12_T7C	
52832	ZM_076_B2_B01	ZM_076_B2_B01_T7C	
52833	ZM_076_B2_B02	ZM_076_B2_B02_T7C	
52834	ZM_076_B2_B03	ZM_076_B2_B03_T7C	
52835	ZM_076_B2_B04	ZM_076_B2_B04_T7C	
52836	ZM_076_B2_B05	ZM_076_B2_B05_T7C	
52837	ZM_076_B2_B06	ZM_076_B2_B06_T7C	
52838	ZM_076_B2_B07	ZM_076_B2_B07_T7C	
52839	ZM_076_B2_B08	ZM_076_B2_B08_T7C	
52840	ZM_076_B2_B10	ZM_076_B2_B10_T7C	
52841	ZM_076_B2_B11	ZM_076_B2_B11_T7C	
52842	ZM_076_B2_B12	ZM_076_B2_B12_T7C	
52843	ZM_076_B2_C01	ZM_076_B2_C01_T7C	
52844	ZM_076_B2_C07	ZM_076_B2_C07_T7C	
52845	ZM_076_B2_C08	ZM_076_B2_C08_T7C	
52846	ZM_076_B2_C12	ZM_076_B2_C12_T7C	
52847	ZM_076_B2_D01	ZM_076_B2_D01_T7C	
52848	ZM_076_B2_D02	ZM_076_B2_D02_T7C	
52849	ZM_076_B2_D03	ZM_076_B2_D03_T7C	
52850	ZM_076_B2_D04	ZM_076_B2_D04_T7C	
52851	ZM_076_B2_D06	ZM_076_B2_D06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52852	ZM_076_B2_D07	ZM_076_B2_D07_T7C	
52853	ZM_076_B2_D08	ZM_076_B2_D08_T7C	
52854	ZM_076_B2_D09	ZM_076_B2_D09_T7C	
52855	ZM_076_B2_D10	ZM_076_B2_D10_T7C	
52856	ZM_076_B2_D11	ZM_076_B2_D11_T7C	
52857	ZM_076_B2_D12	ZM_076_B2_D12_T7C	
52858	ZM_076_B2_E01	ZM_076_B2_E01_T7C	
52859	ZM_076_B2_E02	ZM_076_B2_E02_T7C	
52860	ZM_076_B2_E04	ZM_076_B2_E04_T7C	
52861	ZM_076_B2_E05	ZM_076_B2_E05_T7C	
52862	ZM_076_B2_E07	ZM_076_B2_E07_T7C	
52863	ZM_076_B2_E08	ZM_076_B2_E08_T7C	
52864	ZM_076_B2_E09	ZM_076_B2_E09_T7C	
52865	ZM_076_B2_E10	ZM_076_B2_E10_T7C	
52866	ZM_076_B2_E11	ZM_076_B2_E11_T7C	
52867	ZM_076_B2_E12	ZM_076_B2_E12_T7C	
52868	ZM_076_B2_F01	ZM_076_B2_F01_T7C	
52869	ZM_076_B2_F04	ZM_076_B2_F04_T7C	
52870	ZM_076_B2_F06	ZM_076_B2_F06_T7C	
52871	ZM_076_B2_F07	ZM_076_B2_F07_T7C	
52872	ZM_076_B2_F08	ZM_076_B2_F08_T7C	
52873	ZM_076_B2_F09	ZM_076_B2_F09_T7C	
52874	ZM_076_B2_F10	ZM_076_B2_F10_T7C	
52875	ZM_076_B2_F11	ZM_076_B2_F11_T7C	
52876	ZM_076_B2_F12	ZM_076_B2_F12_T7C	
52877	ZM_076_B2_G01	ZM_076_B2_G01_T7C	
52878	ZM_076_B2_G02	ZM_076_B2_G02_T7C	
52879	ZM_076_B2_G03	ZM_076_B2_G03_T7C	
52880	ZM_076_B2_G07	ZM_076_B2_G07_T7C	
52881	ZM_076_B2_G08	ZM_076_B2_G08_T7C	
52882	ZM_076_B2_G09	ZM_076_B2_G09_T7C	
52883	ZM_076_B2_G10	ZM_076_B2_G10_T7C	
52884	ZM_076_B2_G11	ZM_076_B2_G11_T7C	
52885	ZM_076_B2_G12	ZM_076_B2_G12_T7C	
52886	ZM_076_B2_H02	ZM_076_B2_H02_T7C	
52887	ZM_076_B2_H05	ZM_076_B2_H05_T7C	
52888	ZM_076_B2_H06	ZM_076_B2_H06_T7C	
52889	ZM_076_B2_H07	ZM_076_B2_H07_T7C	
52890	ZM_076_B2_H08	ZM_076_B2_H08_T7C	
52891	ZM_076_B2_H09	ZM_076_B2_H09_T7C	
52892	ZM_076_B2_H10	ZM_076_B2_H10_T7C	
52893	ZM_076_B2_H11	ZM_076_B2_H11_T7C	
52894	ZM_076_B2_H12	ZM_076_B2_H12_T7C	
52895	ZM_077_A2_A01		ZM_077_A2_A01_MR
52896	ZM_077_A2_A02		ZM_077_A2_A02_MR
52897	ZM_077_A2_A03		ZM_077_A2_A03_MR
52898	ZM_077_A2_A04		ZM_077_A2_A04_MR
52899	ZM_077_A2_A05		ZM_077_A2_A05_MR
52900	ZM_077_A2_A06		ZM_077_A2_A06_MR
52901	ZM_077_A2_A07		ZM_077_A2_A07_MR
52902	ZM_077_A2_A09		ZM_077_A2_A09_MR
52903	ZM_077_A2_A10		ZM_077_A2_A10_MR
52904	ZM_077_A2_A12		ZM_077_A2_A12_MR
52905	ZM_077_A2_B01		ZM_077_A2_B01_MR
52906	ZM_077_A2_B02		ZM_077_A2_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52907	ZM_077_A2_B03		ZM_077_A2_B03_MR
52908	ZM_077_A2_B04		ZM_077_A2_B04_MR
52909	ZM_077_A2_B05		ZM_077_A2_B05_MR
52910	ZM_077_A2_B07		ZM_077_A2_B07_MR
52911	ZM_077_A2_B08		ZM_077_A2_B08_MR
52912	ZM_077_A2_B09		ZM_077_A2_B09_MR
52913	ZM_077_A2_B10		ZM_077_A2_B10_MR
52914	ZM_077_A2_B12		ZM_077_A2_B12_MR
52915	ZM_077_A2_C01		ZM_077_A2_C01_MR
52916	ZM_077_A2_C02		ZM_077_A2_C02_MR
52917	ZM_077_A2_C03		ZM_077_A2_C03_MR
52918	ZM_077_A2_C04		ZM_077_A2_C04_MR
52919	ZM_077_A2_C05		ZM_077_A2_C05_MR
52920	ZM_077_A2_C06		ZM_077_A2_C06_MR
52921	ZM_077_A2_C07		ZM_077_A2_C07_MR
52922	ZM_077_A2_C08		ZM_077_A2_C08_MR
52923	ZM_077_A2_C09		ZM_077_A2_C09_MR
52924	ZM_077_A2_C10		ZM_077_A2_C10_MR
52925	ZM_077_A2_C11		ZM_077_A2_C11_MR
52926	ZM_077_A2_C12		ZM_077_A2_C12_MR
52927	ZM_077_A2_D02		ZM_077_A2_D02_MR
52928	ZM_077_A2_D03		ZM_077_A2_D03_MR
52929	ZM_077_A2_D04		ZM_077_A2_D04_MR
52930	ZM_077_A2_D05		ZM_077_A2_D05_MR
52931	ZM_077_A2_D06		ZM_077_A2_D06_MR
52932	ZM_077_A2_D07		ZM_077_A2_D07_MR
52933	ZM_077_A2_D09		ZM_077_A2_D09_MR
52934	ZM_077_A2_D10		ZM_077_A2_D10_MR
52935	ZM_077_A2_D12		ZM_077_A2_D12_MR
52936	ZM_077_A2_E01		ZM_077_A2_E01_MR
52937	ZM_077_A2_E02		ZM_077_A2_E02_MR
52938	ZM_077_A2_E03		ZM_077_A2_E03_MR
52939	ZM_077_A2_E04		ZM_077_A2_E04_MR
52940	ZM_077_A2_E05		ZM_077_A2_E05_MR
52941	ZM_077_A2_E06		ZM_077_A2_E06_MR
52942	ZM_077_A2_E07		ZM_077_A2_E07_MR
52943	ZM_077_A2_E08		ZM_077_A2_E08_MR
52944	ZM_077_A2_E09		ZM_077_A2_E09_MR
52945	ZM_077_A2_E10		ZM_077_A2_E10_MR
52946	ZM_077_A2_E11		ZM_077_A2_E11_MR
52947	ZM_077_A2_E12		ZM_077_A2_E12_MR
52948	ZM_077_A2_F01		ZM_077_A2_F01_MR
52949	ZM_077_A2_F02		ZM_077_A2_F02_MR
52950	ZM_077_A2_F03		ZM_077_A2_F03_MR
52951	ZM_077_A2_F04		ZM_077_A2_F04_MR
52952	ZM_077_A2_F05		ZM_077_A2_F05_MR
52953	ZM_077_A2_F06		ZM_077_A2_F06_MR
52954	ZM_077_A2_F09		ZM_077_A2_F09_MR
52955	ZM_077_A2_F10		ZM_077_A2_F10_MR
52956	ZM_077_A2_F11		ZM_077_A2_F11_MR
52957	ZM_077_A2_F12		ZM_077_A2_F12_MR
52958	ZM_077_A2_G01		ZM_077_A2_G01_MR
52959	ZM_077_A2_G02		ZM_077_A2_G02_MR
52960	ZM_077_A2_G03		ZM_077_A2_G03_MR
52961	ZM_077_A2_G04		ZM_077_A2_G04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
52962	ZM_077_A2_G05		ZM_077_A2_G05_MR
52963	ZM_077_A2_G06		ZM_077_A2_G06_MR
52964	ZM_077_A2_G07		ZM_077_A2_G07_MR
52965	ZM_077_A2_G08		ZM_077_A2_G08_MR
52966	ZM_077_A2_G09		ZM_077_A2_G09_MR
52967	ZM_077_A2_G10		ZM_077_A2_G10_MR
52968	ZM_077_A2_G11		ZM_077_A2_G11_MR
52969	ZM_077_A2_G12		ZM_077_A2_G12_MR
52970	ZM_077_A2_H01		ZM_077_A2_H01_MR
52971	ZM_077_A2_H02		ZM_077_A2_H02_MR
52972	ZM_077_A2_H03		ZM_077_A2_H03_MR
52973	ZM_077_A2_H04		ZM_077_A2_H04_MR
52974	ZM_077_A2_H05		ZM_077_A2_H05_MR
52975	ZM_077_A2_H06		ZM_077_A2_H06_MR
52976	ZM_077_A2_H07		ZM_077_A2_H07_MR
52977	ZM_077_A2_H08		ZM_077_A2_H08_MR
52978	ZM_077_A2_H09		ZM_077_A2_H09_MR
52979	ZM_077_A2_H11		ZM_077_A2_H11_MR
52980	ZM_077_A2_H12		ZM_077_A2_H12_MR
52981	ZM_077_B1_A01		ZM_077_B1_A01_MR
52982	ZM_077_B1_A02		ZM_077_B1_A02_MR
52983	ZM_077_B1_A03		ZM_077_B1_A03_MR
52984	ZM_077_B1_A04		ZM_077_B1_A04_MR
52985	ZM_077_B1_A05		ZM_077_B1_A05_MR
52986	ZM_077_B1_A06		ZM_077_B1_A06_MR
52987	ZM_077_B1_A07		ZM_077_B1_A07_MR
52988	ZM_077_B1_A08		ZM_077_B1_A08_MR
52989	ZM_077_B1_A09		ZM_077_B1_A09_MR
52990	ZM_077_B1_A10		ZM_077_B1_A10_MR
52991	ZM_077_B1_A11	ZM_077_B1_A11_T7	
52992	ZM_077_B1_A11		ZM_077_B1_A11_MR
52993	ZM_077_B1_A12		ZM_077_B1_A12_MR
52994	ZM_077_B1_B01	ZM_077_B1_B01_T7	
52995	ZM_077_B1_B01		ZM_077_B1_B01_MR
52996	ZM_077_B1_B02	ZM_077_B1_B02_T7	
52997	ZM_077_B1_B02		ZM_077_B1_B02_MR
52998	ZM_077_B1_B03	ZM_077_B1_B03_T7	
52999	ZM_077_B1_B03		ZM_077_B1_B03_MR
53000	ZM_077_B1_B04	ZM_077_B1_B04_T7	
53001	ZM_077_B1_B04		ZM_077_B1_B04_MR
53002	ZM_077_B1_B05	ZM_077_B1_B05_T7	
53003	ZM_077_B1_B05		ZM_077_B1_B05_MR
53004	ZM_077_B1_B06	ZM_077_B1_B06_T7	
53005	ZM_077_B1_B06		ZM_077_B1_B06_MR
53006	ZM_077_B1_B07	ZM_077_B1_B07_T7	
53007	ZM_077_B1_B07		ZM_077_B1_B07_MR
53008	ZM_077_B1_B08	ZM_077_B1_B08_T7	
53009	ZM_077_B1_B08		ZM_077_B1_B08_MR
53010	ZM_077_B1_B09		ZM_077_B1_B09_MR
53011	ZM_077_B1_B10	ZM_077_B1_B10_T7	
53012	ZM_077_B1_B10		ZM_077_B1_B10_MR
53013	ZM_077_B1_B11	ZM_077_B1_B11_T7	
53014	ZM_077_B1_B11		ZM_077_B1_B11_MR
53015	ZM_077_B1_B12	ZM_077_B1_B12_T7	
53016	ZM_077_B1_B12		ZM_077_B1_B12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53017	ZM_077_B1_C01	ZM_077_B1_C01_T7	
53018	ZM_077_B1_C01		ZM_077_B1_C01_MR
53019	ZM_077_B1_C03	ZM_077_B1_C03_T7	
53020	ZM_077_B1_C03		ZM_077_B1_C03_MR
53021	ZM_077_B1_C04	ZM_077_B1_C04_T7	
53022	ZM_077_B1_C04		ZM_077_B1_C04_MR
53023	ZM_077_B1_C05	ZM_077_B1_C05_T7	
53024	ZM_077_B1_C05		ZM_077_B1_C05_MR
53025	ZM_077_B1_C06	ZM_077_B1_C06_T7	
53026	ZM_077_B1_C07	ZM_077_B1_C07_T7	
53027	ZM_077_B1_C08	ZM_077_B1_C08_T7	
53028	ZM_077_B1_C08		ZM_077_B1_C08_MR
53029	ZM_077_B1_C09		ZM_077_B1_C09_MR
53030	ZM_077_B1_C10	ZM_077_B1_C10_T7	
53031	ZM_077_B1_C10		ZM_077_B1_C10_MR
53032	ZM_077_B1_C11	ZM_077_B1_C11_T7	
53033	ZM_077_B1_C11		ZM_077_B1_C11_MR
53034	ZM_077_B1_C12	ZM_077_B1_C12_T7	
53035	ZM_077_B1_C12		ZM_077_B1_C12_MR
53036	ZM_077_B1_D01	ZM_077_B1_D01_T7	
53037	ZM_077_B1_D01		ZM_077_B1_D01_MR
53038	ZM_077_B1_D02	ZM_077_B1_D02_T7	
53039	ZM_077_B1_D02		ZM_077_B1_D02_MR
53040	ZM_077_B1_D03	ZM_077_B1_D03_T7	
53041	ZM_077_B1_D03		ZM_077_B1_D03_MR
53042	ZM_077_B1_D04	ZM_077_B1_D04_T7	
53043	ZM_077_B1_D04		ZM_077_B1_D04_MR
53044	ZM_077_B1_D05	ZM_077_B1_D05_T7	
53045	ZM_077_B1_D05		ZM_077_B1_D05_MR
53046	ZM_077_B1_D06	ZM_077_B1_D06_T7	
53047	ZM_077_B1_D06		ZM_077_B1_D06_MR
53048	ZM_077_B1_D07	ZM_077_B1_D07_T7	
53049	ZM_077_B1_D07		ZM_077_B1_D07_MR
53050	ZM_077_B1_D08	ZM_077_B1_D08_T7	
53051	ZM_077_B1_D08		ZM_077_B1_D08_MR
53052	ZM_077_B1_D09	ZM_077_B1_D09_T7	
53053	ZM_077_B1_D09		ZM_077_B1_D09_MR
53054	ZM_077_B1_D10	ZM_077_B1_D10_T7	
53055	ZM_077_B1_D10		ZM_077_B1_D10_MR
53056	ZM_077_B1_D11	ZM_077_B1_D11_T7	
53057	ZM_077_B1_D12	ZM_077_B1_D12_T7	
53058	ZM_077_B1_D12		ZM_077_B1_D12_MR
53059	ZM_077_B1_E01	ZM_077_B1_E01_T7	
53060	ZM_077_B1_E01		ZM_077_B1_E01_MR
53061	ZM_077_B1_E02	ZM_077_B1_E02_T7	
53062	ZM_077_B1_E02		ZM_077_B1_E02_MR
53063	ZM_077_B1_E03	ZM_077_B1_E03_T7	
53064	ZM_077_B1_E03		ZM_077_B1_E03_MR
53065	ZM_077_B1_E04	ZM_077_B1_E04_T7	
53066	ZM_077_B1_E04		ZM_077_B1_E04_MR
53067	ZM_077_B1_E05	ZM_077_B1_E05_T7	
53068	ZM_077_B1_E05		ZM_077_B1_E05_MR
53069	ZM_077_B1_E06		ZM_077_B1_E06_MR
53070	ZM_077_B1_E07	ZM_077_B1_E07_T7	
53071	ZM_077_B1_E07		ZM_077_B1_E07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53072	ZM_077_B1_E08	ZM_077_B1_E08_T7	
53073	ZM_077_B1_E08		ZM_077_B1_E08_MR
53074	ZM_077_B1_E09	ZM_077_B1_E09_T7	
53075	ZM_077_B1_E09		ZM_077_B1_E09_MR
53076	ZM_077_B1_E10	ZM_077_B1_E10_T7	
53077	ZM_077_B1_E10		ZM_077_B1_E10_MR
53078	ZM_077_B1_E11	ZM_077_B1_E11_T7	
53079	ZM_077_B1_E11		ZM_077_B1_E11_MR
53080	ZM_077_B1_E12	ZM_077_B1_E12_T7	
53081	ZM_077_B1_E12		ZM_077_B1_E12_MR
53082	ZM_077_B1_F01	ZM_077_B1_F01_T7	
53083	ZM_077_B1_F01		ZM_077_B1_F01_MR
53084	ZM_077_B1_F02	ZM_077_B1_F02_T7	
53085	ZM_077_B1_F02		ZM_077_B1_F02_MR
53086	ZM_077_B1_F03	ZM_077_B1_F03_T7	
53087	ZM_077_B1_F03		ZM_077_B1_F03_MR
53088	ZM_077_B1_F04	ZM_077_B1_F04_T7	
53089	ZM_077_B1_F04		ZM_077_B1_F04_MR
53090	ZM_077_B1_F05	ZM_077_B1_F05_T7	
53091	ZM_077_B1_F05		ZM_077_B1_F05_MR
53092	ZM_077_B1_F06	ZM_077_B1_F06_T7	
53093	ZM_077_B1_F06		ZM_077_B1_F06_MR
53094	ZM_077_B1_F07		ZM_077_B1_F07_MR
53095	ZM_077_B1_F08	ZM_077_B1_F08_T7	
53096	ZM_077_B1_F08		ZM_077_B1_F08_MR
53097	ZM_077_B1_F09	ZM_077_B1_F09_T7	
53098	ZM_077_B1_F09		ZM_077_B1_F09_MR
53099	ZM_077_B1_F10	ZM_077_B1_F10_T7	
53100	ZM_077_B1_F10		ZM_077_B1_F10_MR
53101	ZM_077_B1_F11	ZM_077_B1_F11_T7	
53102	ZM_077_B1_F11		ZM_077_B1_F11_MR
53103	ZM_077_B1_F12	ZM_077_B1_F12_T7	
53104	ZM_077_B1_F12		ZM_077_B1_F12_MR
53105	ZM_077_B1_G01	ZM_077_B1_G01_T7	
53106	ZM_077_B1_G01		ZM_077_B1_G01_MR
53107	ZM_077_B1_G02	ZM_077_B1_G02_T7	
53108	ZM_077_B1_G02		ZM_077_B1_G02_MR
53109	ZM_077_B1_G04	ZM_077_B1_G04_T7	
53110	ZM_077_B1_G04		ZM_077_B1_G04_MR
53111	ZM_077_B1_G05	ZM_077_B1_G05_T7	
53112	ZM_077_B1_G05		ZM_077_B1_G05_MR
53113	ZM_077_B1_G06	ZM_077_B1_G06_T7	
53114	ZM_077_B1_G06		ZM_077_B1_G06_MR
53115	ZM_077_B1_G07	ZM_077_B1_G07_T7	
53116	ZM_077_B1_G07		ZM_077_B1_G07_MR
53117	ZM_077_B1_G08	ZM_077_B1_G08_T7	
53118	ZM_077_B1_G08		ZM_077_B1_G08_MR
53119	ZM_077_B1_G09	ZM_077_B1_G09_T7	
53120	ZM_077_B1_G09		ZM_077_B1_G09_MR
53121	ZM_077_B1_G10	ZM_077_B1_G10_T7	
53122	ZM_077_B1_G10		ZM_077_B1_G10_MR
53123	ZM_077_B1_G11	ZM_077_B1_G11_T7	
53124	ZM_077_B1_G11		ZM_077_B1_G11_MR
53125	ZM_077_B1_G12	ZM_077_B1_G12_T7	
53126	ZM_077_B1_G12		ZM_077_B1_G12_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53127	ZM_077_B1_H01	ZM_077_B1_H01_T7	
53128	ZM_077_B1_H01		ZM_077_B1_H01_MR
53129	ZM_077_B1_H02	ZM_077_B1_H02_T7	
53130	ZM_077_B1_H02		ZM_077_B1_H02_MR
53131	ZM_077_B1_H03	ZM_077_B1_H03_T7	
53132	ZM_077_B1_H03		ZM_077_B1_H03_MR
53133	ZM_077_B1_H04	ZM_077_B1_H04_T7	
53134	ZM_077_B1_H04		ZM_077_B1_H04_MR
53135	ZM_077_B1_H05	ZM_077_B1_H05_T7	
53136	ZM_077_B1_H05		ZM_077_B1_H05_MR
53137	ZM_077_B1_H06	ZM_077_B1_H06_T7	
53138	ZM_077_B1_H06		ZM_077_B1_H06_MR
53139	ZM_077_B1_H07	ZM_077_B1_H07_T7	
53140	ZM_077_B1_H07		ZM_077_B1_H07_MR
53141	ZM_077_B1_H09	ZM_077_B1_H09_T7	
53142	ZM_077_B1_H09		ZM_077_B1_H09_MR
53143	ZM_077_B1_H10	ZM_077_B1_H10_T7	
53144	ZM_077_B1_H10		ZM_077_B1_H10_MR
53145	ZM_077_B1_H11		ZM_077_B1_H11_MR
53146	ZM_077_B1_H12	ZM_077_B1_H12_T7	
53147	ZM_077_B1_H12		ZM_077_B1_H12_MR
53148	ZM_077_B2_A01		ZM_077_B2_A01_MR
53149	ZM_077_B2_A02		ZM_077_B2_A02_MR
53150	ZM_077_B2_A04		ZM_077_B2_A04_MR
53151	ZM_077_B2_A05		ZM_077_B2_A05_MR
53152	ZM_077_B2_A06		ZM_077_B2_A06_MR
53153	ZM_077_B2_A08		ZM_077_B2_A08_MR
53154	ZM_077_B2_A09		ZM_077_B2_A09_MR
53155	ZM_077_B2_A11		ZM_077_B2_A11_MR
53156	ZM_077_B2_A12		ZM_077_B2_A12_MR
53157	ZM_077_B2_B01		ZM_077_B2_B01_MR
53158	ZM_077_B2_B04		ZM_077_B2_B04_MR
53159	ZM_077_B2_B05		ZM_077_B2_B05_MR
53160	ZM_077_B2_B06		ZM_077_B2_B06_MR
53161	ZM_077_B2_B07		ZM_077_B2_B07_MR
53162	ZM_077_B2_B08		ZM_077_B2_B08_MR
53163	ZM_077_B2_B09		ZM_077_B2_B09_MR
53164	ZM_077_B2_B10		ZM_077_B2_B10_MR
53165	ZM_077_B2_B11		ZM_077_B2_B11_MR
53166	ZM_077_B2_B12		ZM_077_B2_B12_MR
53167	ZM_077_B2_C01		ZM_077_B2_C01_MR
53168	ZM_077_B2_C02		ZM_077_B2_C02_MR
53169	ZM_077_B2_C03		ZM_077_B2_C03_MR
53170	ZM_077_B2_C04		ZM_077_B2_C04_MR
53171	ZM_077_B2_C06		ZM_077_B2_C06_MR
53172	ZM_077_B2_C07		ZM_077_B2_C07_MR
53173	ZM_077_B2_C08		ZM_077_B2_C08_MR
53174	ZM_077_B2_C09		ZM_077_B2_C09_MR
53175	ZM_077_B2_C11		ZM_077_B2_C11_MR
53176	ZM_077_B2_C12		ZM_077_B2_C12_MR
53177	ZM_077_B2_D02		ZM_077_B2_D02_MR
53178	ZM_077_B2_D03		ZM_077_B2_D03_MR
53179	ZM_077_B2_D04		ZM_077_B2_D04_MR
53180	ZM_077_B2_D06		ZM_077_B2_D06_MR
53181	ZM_077_B2_D07		ZM_077_B2_D07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53182	ZM_077_B2_D09		ZM_077_B2_D09_MR
53183	ZM_077_B2_D10		ZM_077_B2_D10_MR
53184	ZM_077_B2_D11		ZM_077_B2_D11_MR
53185	ZM_077_B2_D12		ZM_077_B2_D12_MR
53186	ZM_077_B2_E01		ZM_077_B2_E01_MR
53187	ZM_077_B2_E02		ZM_077_B2_E02_MR
53188	ZM_077_B2_E04		ZM_077_B2_E04_MR
53189	ZM_077_B2_E06		ZM_077_B2_E06_MR
53190	ZM_077_B2_E07		ZM_077_B2_E07_MR
53191	ZM_077_B2_E08		ZM_077_B2_E08_MR
53192	ZM_077_B2_E09		ZM_077_B2_E09_MR
53193	ZM_077_B2_E10		ZM_077_B2_E10_MR
53194	ZM_077_B2_E11		ZM_077_B2_E11_MR
53195	ZM_077_B2_F01		ZM_077_B2_F01_MR
53196	ZM_077_B2_F02		ZM_077_B2_F02_MR
53197	ZM_077_B2_F03		ZM_077_B2_F03_MR
53198	ZM_077_B2_F05		ZM_077_B2_F05_MR
53199	ZM_077_B2_F06		ZM_077_B2_F06_MR
53200	ZM_077_B2_F07		ZM_077_B2_F07_MR
53201	ZM_077_B2_F08		ZM_077_B2_F08_MR
53202	ZM_077_B2_F09		ZM_077_B2_F09_MR
53203	ZM_077_B2_F10		ZM_077_B2_F10_MR
53204	ZM_077_B2_F11		ZM_077_B2_F11_MR
53205	ZM_077_B2_F12		ZM_077_B2_F12_MR
53206	ZM_077_B2_G01		ZM_077_B2_G01_MR
53207	ZM_077_B2_G02		ZM_077_B2_G02_MR
53208	ZM_077_B2_G03		ZM_077_B2_G03_MR
53209	ZM_077_B2_G04		ZM_077_B2_G04_MR
53210	ZM_077_B2_G06		ZM_077_B2_G06_MR
53211	ZM_077_B2_G07		ZM_077_B2_G07_MR
53212	ZM_077_B2_G09		ZM_077_B2_G09_MR
53213	ZM_077_B2_G10		ZM_077_B2_G10_MR
53214	ZM_077_B2_G11		ZM_077_B2_G11_MR
53215	ZM_077_B2_G12		ZM_077_B2_G12_MR
53216	ZM_077_B2_H01		ZM_077_B2_H01_MR
53217	ZM_077_B2_H02		ZM_077_B2_H02_MR
53218	ZM_077_B2_H03		ZM_077_B2_H03_MR
53219	ZM_077_B2_H04		ZM_077_B2_H04_MR
53220	ZM_077_B2_H06		ZM_077_B2_H06_MR
53221	ZM_077_B2_H07		ZM_077_B2_H07_MR
53222	ZM_077_B2_H09		ZM_077_B2_H09_MR
53223	ZM_077_B2_H10		ZM_077_B2_H10_MR
53224	ZM_077_B2_H11		ZM_077_B2_H11_MR
53225	ZM_077_B2_H12		ZM_077_B2_H12_MR
53226	ZM_078_A1_A01	ZM_078_A1_A01_T7	
53227	ZM_078_A1_A01		ZM_078_A1_A01_MR
53228	ZM_078_A1_A02	ZM_078_A1_A02_T7	
53229	ZM_078_A1_A02		ZM_078_A1_A02_MR
53230	ZM_078_A1_A03	ZM_078_A1_A03_T7	
53231	ZM_078_A1_A03		ZM_078_A1_A03_MR
53232	ZM_078_A1_A04	ZM_078_A1_A04_T7	
53233	ZM_078_A1_A04		ZM_078_A1_A04_MR
53234	ZM_078_A1_A05	ZM_078_A1_A05_T7	
53235	ZM_078_A1_A05		ZM_078_A1_A05_MR
53236	ZM_078_A1_A06	ZM_078_A1_A06_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53237	ZM_078_A1_A06		ZM_078_A1_A06_MR
53238	ZM_078_A1_A07	ZM_078_A1_A07_T7	
53239	ZM_078_A1_A07		ZM_078_A1_A07_MR
53240	ZM_078_A1_A08	ZM_078_A1_A08_T7	
53241	ZM_078_A1_A09	ZM_078_A1_A09_T7	
53242	ZM_078_A1_A09		ZM_078_A1_A09_MR
53243	ZM_078_A1_A10	ZM_078_A1_A10_T7	
53244	ZM_078_A1_A10		ZM_078_A1_A10_MR
53245	ZM_078_A1_A11	ZM_078_A1_A11_T7	
53246	ZM_078_A1_A11		ZM_078_A1_A11_MR
53247	ZM_078_A1_B01	ZM_078_A1_B01_T7	
53248	ZM_078_A1_B01		ZM_078_A1_B01_MR
53249	ZM_078_A1_B02	ZM_078_A1_B02_T7	
53250	ZM_078_A1_B02		ZM_078_A1_B02_MR
53251	ZM_078_A1_B03	ZM_078_A1_B03_T7	
53252	ZM_078_A1_B03		ZM_078_A1_B03_MR
53253	ZM_078_A1_B06	ZM_078_A1_B06_T7	
53254	ZM_078_A1_B06		ZM_078_A1_B06_MR
53255	ZM_078_A1_B07	ZM_078_A1_B07_T7	
53256	ZM_078_A1_B07		ZM_078_A1_B07_MR
53257	ZM_078_A1_B08	ZM_078_A1_B08_T7	
53258	ZM_078_A1_B08		ZM_078_A1_B08_MR
53259	ZM_078_A1_B09	ZM_078_A1_B09_T7	
53260	ZM_078_A1_B09		ZM_078_A1_B09_MR
53261	ZM_078_A1_B10	ZM_078_A1_B10_T7	
53262	ZM_078_A1_B10		ZM_078_A1_B10_MR
53263	ZM_078_A1_B11	ZM_078_A1_B11_T7	
53264	ZM_078_A1_B11		ZM_078_A1_B11_MR
53265	ZM_078_A1_B12		ZM_078_A1_B12_MR
53266	ZM_078_A1_C01	ZM_078_A1_C01_T7	
53267	ZM_078_A1_C01		ZM_078_A1_C01_MR
53268	ZM_078_A1_C02	ZM_078_A1_C02_T7	
53269	ZM_078_A1_C02		ZM_078_A1_C02_MR
53270	ZM_078_A1_C03	ZM_078_A1_C03_T7	
53271	ZM_078_A1_C03		ZM_078_A1_C03_MR
53272	ZM_078_A1_C04	ZM_078_A1_C04_T7	
53273	ZM_078_A1_C04		ZM_078_A1_C04_MR
53274	ZM_078_A1_C05	ZM_078_A1_C05_T7	
53275	ZM_078_A1_C06	ZM_078_A1_C06_T7	
53276	ZM_078_A1_C06		ZM_078_A1_C06_MR
53277	ZM_078_A1_C07	ZM_078_A1_C07_T7	
53278	ZM_078_A1_C07		ZM_078_A1_C07_MR
53279	ZM_078_A1_C08	ZM_078_A1_C08_T7	
53280	ZM_078_A1_C08		ZM_078_A1_C08_MR
53281	ZM_078_A1_C09	ZM_078_A1_C09_T7	
53282	ZM_078_A1_C09		ZM_078_A1_C09_MR
53283	ZM_078_A1_C10	ZM_078_A1_C10_T7	
53284	ZM_078_A1_C10		ZM_078_A1_C10_MR
53285	ZM_078_A1_C11	ZM_078_A1_C11_T7	
53286	ZM_078_A1_C11		ZM_078_A1_C11_MR
53287	ZM_078_A1_C12	ZM_078_A1_C12_T7	
53288	ZM_078_A1_D01	ZM_078_A1_D01_T7	
53289	ZM_078_A1_D01		ZM_078_A1_D01_MR
53290	ZM_078_A1_D02	ZM_078_A1_D02_T7	
53291	ZM_078_A1_D02		ZM_078_A1_D02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53292	ZM_078_A1_D03	ZM_078_A1_D03_T7	
53293	ZM_078_A1_D03		ZM_078_A1_D03_MR
53294	ZM_078_A1_D04	ZM_078_A1_D04_T7	
53295	ZM_078_A1_D04		ZM_078_A1_D04_MR
53296	ZM_078_A1_D05	ZM_078_A1_D05_T7	
53297	ZM_078_A1_D05		ZM_078_A1_D05_MR
53298	ZM_078_A1_D06	ZM_078_A1_D06_T7	
53299	ZM_078_A1_D06		ZM_078_A1_D06_MR
53300	ZM_078_A1_D07	ZM_078_A1_D07_T7	
53301	ZM_078_A1_D07		ZM_078_A1_D07_MR
53302	ZM_078_A1_D08	ZM_078_A1_D08_T7	
53303	ZM_078_A1_D08		ZM_078_A1_D08_MR
53304	ZM_078_A1_D09	ZM_078_A1_D09_T7	
53305	ZM_078_A1_D10	ZM_078_A1_D10_T7	
53306	ZM_078_A1_D10		ZM_078_A1_D10_MR
53307	ZM_078_A1_D11	ZM_078_A1_D11_T7	
53308	ZM_078_A1_D12	ZM_078_A1_D12_T7	
53309	ZM_078_A1_E01	ZM_078_A1_E01_T7	
53310	ZM_078_A1_E01		ZM_078_A1_E01_MR
53311	ZM_078_A1_E02	ZM_078_A1_E02_T7	
53312	ZM_078_A1_E02		ZM_078_A1_E02_MR
53313	ZM_078_A1_E03	ZM_078_A1_E03_T7	
53314	ZM_078_A1_E03		ZM_078_A1_E03_MR
53315	ZM_078_A1_E04	ZM_078_A1_E04_T7	
53316	ZM_078_A1_E04		ZM_078_A1_E04_MR
53317	ZM_078_A1_E05	ZM_078_A1_E05_T7	
53318	ZM_078_A1_E05		ZM_078_A1_E05_MR
53319	ZM_078_A1_E06	ZM_078_A1_E06_T7	
53320	ZM_078_A1_E06		ZM_078_A1_E06_MR
53321	ZM_078_A1_E07	ZM_078_A1_E07_T7	
53322	ZM_078_A1_E07		ZM_078_A1_E07_MR
53323	ZM_078_A1_E08	ZM_078_A1_E08_T7	
53324	ZM_078_A1_E08		ZM_078_A1_E08_MR
53325	ZM_078_A1_E09	ZM_078_A1_E09_T7	
53326	ZM_078_A1_E09		ZM_078_A1_E09_MR
53327	ZM_078_A1_E10	ZM_078_A1_E10_T7	
53328	ZM_078_A1_E10		ZM_078_A1_E10_MR
53329	ZM_078_A1_E11	ZM_078_A1_E11_T7	
53330	ZM_078_A1_E11		ZM_078_A1_E11_MR
53331	ZM_078_A1_E12	ZM_078_A1_E12_T7	
53332	ZM_078_A1_E12		ZM_078_A1_E12_MR
53333	ZM_078_A1_F01	ZM_078_A1_F01_T7	
53334	ZM_078_A1_F01		ZM_078_A1_F01_MR
53335	ZM_078_A1_F02	ZM_078_A1_F02_T7	
53336	ZM_078_A1_F02		ZM_078_A1_F02_MR
53337	ZM_078_A1_F03	ZM_078_A1_F03_T7	
53338	ZM_078_A1_F03		ZM_078_A1_F03_MR
53339	ZM_078_A1_F04	ZM_078_A1_F04_T7	
53340	ZM_078_A1_F04		ZM_078_A1_F04_MR
53341	ZM_078_A1_F05	ZM_078_A1_F05_T7	
53342	ZM_078_A1_F05		ZM_078_A1_F05_MR
53343	ZM_078_A1_F06	ZM_078_A1_F06_T7	
53344	ZM_078_A1_F06		ZM_078_A1_F06_MR
53345	ZM_078_A1_F07	ZM_078_A1_F07_T7	
53346	ZM_078_A1_F07		ZM_078_A1_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53347	ZM_078_A1_F09	ZM_078_A1_F09_T7	
53348	ZM_078_A1_F10	ZM_078_A1_F10_T7	
53349	ZM_078_A1_F10		ZM_078_A1_F10_MR
53350	ZM_078_A1_F11	ZM_078_A1_F11_T7	
53351	ZM_078_A1_F11		ZM_078_A1_F11_MR
53352	ZM_078_A1_F12	ZM_078_A1_F12_T7	
53353	ZM_078_A1_G01	ZM_078_A1_G01_T7	
53354	ZM_078_A1_G01		ZM_078_A1_G01_MR
53355	ZM_078_A1_G02	ZM_078_A1_G02_T7	
53356	ZM_078_A1_G02		ZM_078_A1_G02_MR
53357	ZM_078_A1_G03		ZM_078_A1_G03_MR
53358	ZM_078_A1_G04	ZM_078_A1_G04_T7	
53359	ZM_078_A1_G04		ZM_078_A1_G04_MR
53360	ZM_078_A1_G05	ZM_078_A1_G05_T7	
53361	ZM_078_A1_G05		ZM_078_A1_G05_MR
53362	ZM_078_A1_G06	ZM_078_A1_G06_T7	
53363	ZM_078_A1_G06		ZM_078_A1_G06_MR
53364	ZM_078_A1_G07	ZM_078_A1_G07_T7	
53365	ZM_078_A1_G07		ZM_078_A1_G07_MR
53366	ZM_078_A1_G08	ZM_078_A1_G08_T7	
53367	ZM_078_A1_G08		ZM_078_A1_G08_MR
53368	ZM_078_A1_G09	ZM_078_A1_G09_T7	
53369	ZM_078_A1_G10	ZM_078_A1_G10_T7	
53370	ZM_078_A1_G11	ZM_078_A1_G11_T7	
53371	ZM_078_A1_G11		ZM_078_A1_G11_MR
53372	ZM_078_A1_G12	ZM_078_A1_G12_T7	
53373	ZM_078_A1_G12		ZM_078_A1_G12_MR
53374	ZM_078_A1_H01	ZM_078_A1_H01_T7	
53375	ZM_078_A1_H01		ZM_078_A1_H01_MR
53376	ZM_078_A1_H02	ZM_078_A1_H02_T7	
53377	ZM_078_A1_H02		ZM_078_A1_H02_MR
53378	ZM_078_A1_H03	ZM_078_A1_H03_T7	
53379	ZM_078_A1_H03		ZM_078_A1_H03_MR
53380	ZM_078_A1_H04	ZM_078_A1_H04_T7	
53381	ZM_078_A1_H04		ZM_078_A1_H04_MR
53382	ZM_078_A1_H05	ZM_078_A1_H05_T7	
53383	ZM_078_A1_H06	ZM_078_A1_H06_T7	
53384	ZM_078_A1_H07	ZM_078_A1_H07_T7	
53385	ZM_078_A1_H07		ZM_078_A1_H07_MR
53386	ZM_078_A1_H08	ZM_078_A1_H08_T7	
53387	ZM_078_A1_H08		ZM_078_A1_H08_MR
53388	ZM_078_A1_H09	ZM_078_A1_H09_T7	
53389	ZM_078_A1_H09		ZM_078_A1_H09_MR
53390	ZM_078_A1_H10	ZM_078_A1_H10_T7	
53391	ZM_078_A1_H10		ZM_078_A1_H10_MR
53392	ZM_078_A1_H11	ZM_078_A1_H11_T7	
53393	ZM_078_A1_H11		ZM_078_A1_H11_MR
53394	ZM_078_A1_H12	ZM_078_A1_H12_T7	
53395	ZM_078_A2_A01		ZM_078_A2_A01_MR
53396	ZM_078_A2_A02	ZM_078_A2_A02_T7C	
53397	ZM_078_A2_A02		ZM_078_A2_A02_MR
53398	ZM_078_A2_A03	ZM_078_A2_A03_T7C	
53399	ZM_078_A2_A03		ZM_078_A2_A03_MR
53400	ZM_078_A2_A05	ZM_078_A2_A05_T7C	
53401	ZM_078_A2_A05		ZM_078_A2_A05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53402	ZM_078_A2_A06	ZM_078_A2_A06_T7C	
53403	ZM_078_A2_A07	ZM_078_A2_A07_T7C	
53404	ZM_078_A2_A07		ZM_078_A2_A07_MR
53405	ZM_078_A2_A08		ZM_078_A2_A08_MR
53406	ZM_078_A2_A09	ZM_078_A2_A09_T7C	
53407	ZM_078_A2_A11	ZM_078_A2_A11_T7C	
53408	ZM_078_A2_A11		ZM_078_A2_A11_MR
53409	ZM_078_A2_B01		ZM_078_A2_B01_MR
53410	ZM_078_A2_B02	ZM_078_A2_B02_T7C	
53411	ZM_078_A2_B02		ZM_078_A2_B02_MR
53412	ZM_078_A2_B03	ZM_078_A2_B03_T7C	
53413	ZM_078_A2_B03		ZM_078_A2_B03_MR
53414	ZM_078_A2_B04	ZM_078_A2_B04_T7C	
53415	ZM_078_A2_B04		ZM_078_A2_B04_MR
53416	ZM_078_A2_B05	ZM_078_A2_B05_T7C	
53417	ZM_078_A2_B05		ZM_078_A2_B05_MR
53418	ZM_078_A2_B06		ZM_078_A2_B06_MR
53419	ZM_078_A2_B07	ZM_078_A2_B07_T7C	
53420	ZM_078_A2_B07		ZM_078_A2_B07_MR
53421	ZM_078_A2_B08	ZM_078_A2_B08_T7C	
53422	ZM_078_A2_B08		ZM_078_A2_B08_MR
53423	ZM_078_A2_B09	ZM_078_A2_B09_T7C	
53424	ZM_078_A2_B09		ZM_078_A2_B09_MR
53425	ZM_078_A2_B10	ZM_078_A2_B10_T7C	
53426	ZM_078_A2_B10		ZM_078_A2_B10_MR
53427	ZM_078_A2_C01	ZM_078_A2_C01_T7C	
53428	ZM_078_A2_C01		ZM_078_A2_C01_MR
53429	ZM_078_A2_C02	ZM_078_A2_C02_T7C	
53430	ZM_078_A2_C02		ZM_078_A2_C02_MR
53431	ZM_078_A2_C04	ZM_078_A2_C04_T7C	
53432	ZM_078_A2_C04		ZM_078_A2_C04_MR
53433	ZM_078_A2_C05	ZM_078_A2_C05_T7C	
53434	ZM_078_A2_C05		ZM_078_A2_C05_MR
53435	ZM_078_A2_C06	ZM_078_A2_C06_T7C	
53436	ZM_078_A2_C06		ZM_078_A2_C06_MR
53437	ZM_078_A2_C07	ZM_078_A2_C07_T7C	
53438	ZM_078_A2_C07		ZM_078_A2_C07_MR
53439	ZM_078_A2_C08	ZM_078_A2_C08_T7C	
53440	ZM_078_A2_C08		ZM_078_A2_C08_MR
53441	ZM_078_A2_C09	ZM_078_A2_C09_T7C	
53442	ZM_078_A2_C09		ZM_078_A2_C09_MR
53443	ZM_078_A2_C10	ZM_078_A2_C10_T7C	
53444	ZM_078_A2_C10		ZM_078_A2_C10_MR
53445	ZM_078_A2_C11	ZM_078_A2_C11_T7C	
53446	ZM_078_A2_C11		ZM_078_A2_C11_MR
53447	ZM_078_A2_C12	ZM_078_A2_C12_T7C	
53448	ZM_078_A2_C12		ZM_078_A2_C12_MR
53449	ZM_078_A2_D01		ZM_078_A2_D01_MR
53450	ZM_078_A2_D02	ZM_078_A2_D02_T7C	
53451	ZM_078_A2_D02		ZM_078_A2_D02_MR
53452	ZM_078_A2_D03	ZM_078_A2_D03_T7C	
53453	ZM_078_A2_D03		ZM_078_A2_D03_MR
53454	ZM_078_A2_D04	ZM_078_A2_D04_T7C	
53455	ZM_078_A2_D04		ZM_078_A2_D04_MR
53456	ZM_078_A2_D05	ZM_078_A2_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53457	ZM_078_A2_D05		ZM_078_A2_D05_MR
53458	ZM_078_A2_D06	ZM_078_A2_D06_T7C	
53459	ZM_078_A2_D06		ZM_078_A2_D06_MR
53460	ZM_078_A2_D07	ZM_078_A2_D07_T7C	
53461	ZM_078_A2_D07		ZM_078_A2_D07_MR
53462	ZM_078_A2_D08		ZM_078_A2_D08_MR
53463	ZM_078_A2_D09	ZM_078_A2_D09_T7C	
53464	ZM_078_A2_D09		ZM_078_A2_D09_MR
53465	ZM_078_A2_D10		ZM_078_A2_D10_MR
53466	ZM_078_A2_D11	ZM_078_A2_D11_T7C	
53467	ZM_078_A2_D11		ZM_078_A2_D11_MR
53468	ZM_078_A2_D12	ZM_078_A2_D12_T7C	
53469	ZM_078_A2_D12		ZM_078_A2_D12_MR
53470	ZM_078_A2_E01		ZM_078_A2_E01_MR
53471	ZM_078_A2_E02		ZM_078_A2_E02_MR
53472	ZM_078_A2_E03	ZM_078_A2_E03_T7C	
53473	ZM_078_A2_E03		ZM_078_A2_E03_MR
53474	ZM_078_A2_E05	ZM_078_A2_E05_T7C	
53475	ZM_078_A2_E06	ZM_078_A2_E06_T7C	
53476	ZM_078_A2_E07		ZM_078_A2_E07_MR
53477	ZM_078_A2_E08	ZM_078_A2_E08_T7C	
53478	ZM_078_A2_E08		ZM_078_A2_E08_MR
53479	ZM_078_A2_E09	ZM_078_A2_E09_T7C	
53480	ZM_078_A2_E09		ZM_078_A2_E09_MR
53481	ZM_078_A2_E10	ZM_078_A2_E10_T7C	
53482	ZM_078_A2_E10		ZM_078_A2_E10_MR
53483	ZM_078_A2_E11	ZM_078_A2_E11_T7C	
53484	ZM_078_A2_E11		ZM_078_A2_E11_MR
53485	ZM_078_A2_E12	ZM_078_A2_E12_T7C	
53486	ZM_078_A2_E12		ZM_078_A2_E12_MR
53487	ZM_078_A2_F01	ZM_078_A2_F01_T7C	
53488	ZM_078_A2_F01		ZM_078_A2_F01_MR
53489	ZM_078_A2_F02	ZM_078_A2_F02_T7C	
53490	ZM_078_A2_F02		ZM_078_A2_F02_MR
53491	ZM_078_A2_F03	ZM_078_A2_F03_T7C	
53492	ZM_078_A2_F03		ZM_078_A2_F03_MR
53493	ZM_078_A2_F04	ZM_078_A2_F04_T7C	
53494	ZM_078_A2_F04		ZM_078_A2_F04_MR
53495	ZM_078_A2_F05		ZM_078_A2_F05_MR
53496	ZM_078_A2_F06	ZM_078_A2_F06_T7C	
53497	ZM_078_A2_F06		ZM_078_A2_F06_MR
53498	ZM_078_A2_F07	ZM_078_A2_F07_T7C	
53499	ZM_078_A2_F07		ZM_078_A2_F07_MR
53500	ZM_078_A2_F08	ZM_078_A2_F08_T7C	
53501	ZM_078_A2_F08		ZM_078_A2_F08_MR
53502	ZM_078_A2_F09		ZM_078_A2_F09_MR
53503	ZM_078_A2_F10	ZM_078_A2_F10_T7C	
53504	ZM_078_A2_F10		ZM_078_A2_F10_MR
53505	ZM_078_A2_F11	ZM_078_A2_F11_T7C	
53506	ZM_078_A2_F11		ZM_078_A2_F11_MR
53507	ZM_078_A2_F12		ZM_078_A2_F12_MR
53508	ZM_078_A2_G01		ZM_078_A2_G01_MR
53509	ZM_078_A2_G02		ZM_078_A2_G02_MR
53510	ZM_078_A2_G03	ZM_078_A2_G03_T7C	
53511	ZM_078_A2_G03		ZM_078_A2_G03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53512	ZM_078_A2_G04	ZM_078_A2_G04_T7C	
53513	ZM_078_A2_G04		ZM_078_A2_G04_MR
53514	ZM_078_A2_G05	ZM_078_A2_G05_T7C	
53515	ZM_078_A2_G05		ZM_078_A2_G05_MR
53516	ZM_078_A2_G06	ZM_078_A2_G06_T7C	
53517	ZM_078_A2_G06		ZM_078_A2_G06_MR
53518	ZM_078_A2_G07	ZM_078_A2_G07_T7C	
53519	ZM_078_A2_G08		ZM_078_A2_G08_MR
53520	ZM_078_A2_G09	ZM_078_A2_G09_T7C	
53521	ZM_078_A2_G10		ZM_078_A2_G10_MR
53522	ZM_078_A2_G11	ZM_078_A2_G11_T7C	
53523	ZM_078_A2_G12	ZM_078_A2_G12_T7C	
53524	ZM_078_A2_G12		ZM_078_A2_G12_MR
53525	ZM_078_A2_H01		ZM_078_A2_H01_MR
53526	ZM_078_A2_H02		ZM_078_A2_H02_MR
53527	ZM_078_A2_H03	ZM_078_A2_H03_T7C	
53528	ZM_078_A2_H03		ZM_078_A2_H03_MR
53529	ZM_078_A2_H04	ZM_078_A2_H04_T7C	
53530	ZM_078_A2_H04		ZM_078_A2_H04_MR
53531	ZM_078_A2_H05		ZM_078_A2_H05_MR
53532	ZM_078_A2_H06		ZM_078_A2_H06_MR
53533	ZM_078_A2_H07		ZM_078_A2_H07_MR
53534	ZM_078_A2_H08	ZM_078_A2_H08_T7C	
53535	ZM_078_A2_H08		ZM_078_A2_H08_MR
53536	ZM_078_A2_H09	ZM_078_A2_H09_T7C	
53537	ZM_078_A2_H09		ZM_078_A2_H09_MR
53538	ZM_078_A2_H10	ZM_078_A2_H10_T7C	
53539	ZM_078_A2_H10		ZM_078_A2_H10_MR
53540	ZM_078_A2_H11	ZM_078_A2_H11_T7C	
53541	ZM_078_A2_H11		ZM_078_A2_H11_MR
53542	ZM_078_A2_H12	ZM_078_A2_H12_T7C	
53543	ZM_078_A2_H12		ZM_078_A2_H12_MR
53544	ZM_078_B2_A01		ZM_078_B2_A01_MR
53545	ZM_078_B2_A02		ZM_078_B2_A02_MR
53546	ZM_078_B2_A03	ZM_078_B2_A03_T7C	
53547	ZM_078_B2_A03		ZM_078_B2_A03_MR
53548	ZM_078_B2_A04	ZM_078_B2_A04_T7C	
53549	ZM_078_B2_A04		ZM_078_B2_A04_MR
53550	ZM_078_B2_A05	ZM_078_B2_A05_T7C	
53551	ZM_078_B2_A05		ZM_078_B2_A05_MR
53552	ZM_078_B2_A06		ZM_078_B2_A06_MR
53553	ZM_078_B2_A07	ZM_078_B2_A07_T7C	
53554	ZM_078_B2_A07		ZM_078_B2_A07_MR
53555	ZM_078_B2_A08	ZM_078_B2_A08_T7C	
53556	ZM_078_B2_A08		ZM_078_B2_A08_MR
53557	ZM_078_B2_A09	ZM_078_B2_A09_T7C	
53558	ZM_078_B2_A09		ZM_078_B2_A09_MR
53559	ZM_078_B2_A10	ZM_078_B2_A10_T7C	
53560	ZM_078_B2_A10		ZM_078_B2_A10_MR
53561	ZM_078_B2_A11	ZM_078_B2_A11_T7C	
53562	ZM_078_B2_A11		ZM_078_B2_A11_MR
53563	ZM_078_B2_A12	ZM_078_B2_A12_T7C	
53564	ZM_078_B2_A12		ZM_078_B2_A12_MR
53565	ZM_078_B2_B01	ZM_078_B2_B01_T7C	
53566	ZM_078_B2_B01		ZM_078_B2_B01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53567	ZM_078_B2_B02	ZM_078_B2_B02_T7C	
53568	ZM_078_B2_B02		ZM_078_B2_B02_MR
53569	ZM_078_B2_B03	ZM_078_B2_B03_T7C	
53570	ZM_078_B2_B03		ZM_078_B2_B03_MR
53571	ZM_078_B2_B04	ZM_078_B2_B04_T7C	
53572	ZM_078_B2_B04		ZM_078_B2_B04_MR
53573	ZM_078_B2_B05	ZM_078_B2_B05_T7C	
53574	ZM_078_B2_B06	ZM_078_B2_B06_T7C	
53575	ZM_078_B2_B06		ZM_078_B2_B06_MR
53576	ZM_078_B2_B07	ZM_078_B2_B07_T7C	
53577	ZM_078_B2_B07		ZM_078_B2_B07_MR
53578	ZM_078_B2_B08	ZM_078_B2_B08_T7C	
53579	ZM_078_B2_B08		ZM_078_B2_B08_MR
53580	ZM_078_B2_B10	ZM_078_B2_B10_T7C	
53581	ZM_078_B2_B10		ZM_078_B2_B10_MR
53582	ZM_078_B2_B11	ZM_078_B2_B11_T7C	
53583	ZM_078_B2_B11		ZM_078_B2_B11_MR
53584	ZM_078_B2_B12	ZM_078_B2_B12_T7C	
53585	ZM_078_B2_B12		ZM_078_B2_B12_MR
53586	ZM_078_B2_C01	ZM_078_B2_C01_T7C	
53587	ZM_078_B2_C01		ZM_078_B2_C01_MR
53588	ZM_078_B2_C02	ZM_078_B2_C02_T7C	
53589	ZM_078_B2_C02		ZM_078_B2_C02_MR
53590	ZM_078_B2_C03	ZM_078_B2_C03_T7C	
53591	ZM_078_B2_C03		ZM_078_B2_C03_MR
53592	ZM_078_B2_C04	ZM_078_B2_C04_T7C	
53593	ZM_078_B2_C04		ZM_078_B2_C04_MR
53594	ZM_078_B2_C05	ZM_078_B2_C05_T7C	
53595	ZM_078_B2_C05		ZM_078_B2_C05_MR
53596	ZM_078_B2_C06	ZM_078_B2_C06_T7C	
53597	ZM_078_B2_C06		ZM_078_B2_C06_MR
53598	ZM_078_B2_C07	ZM_078_B2_C07_T7C	
53599	ZM_078_B2_C07		ZM_078_B2_C07_MR
53600	ZM_078_B2_C08	ZM_078_B2_C08_T7C	
53601	ZM_078_B2_C08		ZM_078_B2_C08_MR
53602	ZM_078_B2_C09	ZM_078_B2_C09_T7C	
53603	ZM_078_B2_C09		ZM_078_B2_C09_MR
53604	ZM_078_B2_C10	ZM_078_B2_C10_T7C	
53605	ZM_078_B2_C10		ZM_078_B2_C10_MR
53606	ZM_078_B2_C11	ZM_078_B2_C11_T7C	
53607	ZM_078_B2_C11		ZM_078_B2_C11_MR
53608	ZM_078_B2_C12	ZM_078_B2_C12_T7C	
53609	ZM_078_B2_C12		ZM_078_B2_C12_MR
53610	ZM_078_B2_D01	ZM_078_B2_D01_T7C	
53611	ZM_078_B2_D01		ZM_078_B2_D01_MR
53612	ZM_078_B2_D02	ZM_078_B2_D02_T7C	
53613	ZM_078_B2_D02		ZM_078_B2_D02_MR
53614	ZM_078_B2_D03	ZM_078_B2_D03_T7C	
53615	ZM_078_B2_D03		ZM_078_B2_D03_MR
53616	ZM_078_B2_D04	ZM_078_B2_D04_T7C	
53617	ZM_078_B2_D04		ZM_078_B2_D04_MR
53618	ZM_078_B2_D05	ZM_078_B2_D05_T7C	
53619	ZM_078_B2_D05		ZM_078_B2_D05_MR
53620	ZM_078_B2_D06	ZM_078_B2_D06_T7C	
53621	ZM_078_B2_D06		ZM_078_B2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53622	ZM_078_B2_D07	ZM_078_B2_D07_T7C	
53623	ZM_078_B2_D07		ZM_078_B2_D07_MR
53624	ZM_078_B2_D08	ZM_078_B2_D08_T7C	
53625	ZM_078_B2_D08		ZM_078_B2_D08_MR
53626	ZM_078_B2_D09	ZM_078_B2_D09_T7C	
53627	ZM_078_B2_D09		ZM_078_B2_D09_MR
53628	ZM_078_B2_D10	ZM_078_B2_D10_T7C	
53629	ZM_078_B2_D10		ZM_078_B2_D10_MR
53630	ZM_078_B2_D11	ZM_078_B2_D11_T7C	
53631	ZM_078_B2_D11		ZM_078_B2_D11_MR
53632	ZM_078_B2_E01	ZM_078_B2_E01_T7C	
53633	ZM_078_B2_E01		ZM_078_B2_E01_MR
53634	ZM_078_B2_E02	ZM_078_B2_E02_T7C	
53635	ZM_078_B2_E02		ZM_078_B2_E02_MR
53636	ZM_078_B2_E03	ZM_078_B2_E03_T7C	
53637	ZM_078_B2_E03		ZM_078_B2_E03_MR
53638	ZM_078_B2_E04	ZM_078_B2_E04_T7C	
53639	ZM_078_B2_E04		ZM_078_B2_E04_MR
53640	ZM_078_B2_E05	ZM_078_B2_E05_T7C	
53641	ZM_078_B2_E05		ZM_078_B2_E05_MR
53642	ZM_078_B2_E06	ZM_078_B2_E06_T7C	
53643	ZM_078_B2_E06		ZM_078_B2_E06_MR
53644	ZM_078_B2_E08	ZM_078_B2_E08_T7C	
53645	ZM_078_B2_E08		ZM_078_B2_E08_MR
53646	ZM_078_B2_E09	ZM_078_B2_E09_T7C	
53647	ZM_078_B2_E09		ZM_078_B2_E09_MR
53648	ZM_078_B2_E10	ZM_078_B2_E10_T7C	
53649	ZM_078_B2_E10		ZM_078_B2_E10_MR
53650	ZM_078_B2_E11	ZM_078_B2_E11_T7C	
53651	ZM_078_B2_E11		ZM_078_B2_E11_MR
53652	ZM_078_B2_F01	ZM_078_B2_F01_T7C	
53653	ZM_078_B2_F01		ZM_078_B2_F01_MR
53654	ZM_078_B2_F02	ZM_078_B2_F02_T7C	
53655	ZM_078_B2_F02		ZM_078_B2_F02_MR
53656	ZM_078_B2_F03	ZM_078_B2_F03_T7C	
53657	ZM_078_B2_F03		ZM_078_B2_F03_MR
53658	ZM_078_B2_F04	ZM_078_B2_F04_T7C	
53659	ZM_078_B2_F04		ZM_078_B2_F04_MR
53660	ZM_078_B2_F05	ZM_078_B2_F05_T7C	
53661	ZM_078_B2_F05		ZM_078_B2_F05_MR
53662	ZM_078_B2_F06	ZM_078_B2_F06_T7C	
53663	ZM_078_B2_F06		ZM_078_B2_F06_MR
53664	ZM_078_B2_F07	ZM_078_B2_F07_T7C	
53665	ZM_078_B2_F07		ZM_078_B2_F07_MR
53666	ZM_078_B2_F08	ZM_078_B2_F08_T7C	
53667	ZM_078_B2_F08		ZM_078_B2_F08_MR
53668	ZM_078_B2_F09	ZM_078_B2_F09_T7C	
53669	ZM_078_B2_F09		ZM_078_B2_F09_MR
53670	ZM_078_B2_F10	ZM_078_B2_F10_T7C	
53671	ZM_078_B2_F10		ZM_078_B2_F10_MR
53672	ZM_078_B2_F11	ZM_078_B2_F11_T7C	
53673	ZM_078_B2_F11		ZM_078_B2_F11_MR
53674	ZM_078_B2_F12	ZM_078_B2_F12_T7C	
53675	ZM_078_B2_F12		ZM_078_B2_F12_MR
53676	ZM_078_B2_G01	ZM_078_B2_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53677	ZM_078_B2_G01		ZM_078_B2_G01_MR
53678	ZM_078_B2_G02	ZM_078_B2_G02_T7C	
53679	ZM_078_B2_G02		ZM_078_B2_G02_MR
53680	ZM_078_B2_G03	ZM_078_B2_G03_T7C	
53681	ZM_078_B2_G03		ZM_078_B2_G03_MR
53682	ZM_078_B2_G04	ZM_078_B2_G04_T7C	
53683	ZM_078_B2_G04		ZM_078_B2_G04_MR
53684	ZM_078_B2_G05	ZM_078_B2_G05_T7C	
53685	ZM_078_B2_G05		ZM_078_B2_G05_MR
53686	ZM_078_B2_G06	ZM_078_B2_G06_T7C	
53687	ZM_078_B2_G06		ZM_078_B2_G06_MR
53688	ZM_078_B2_G07	ZM_078_B2_G07_T7C	
53689	ZM_078_B2_G07		ZM_078_B2_G07_MR
53690	ZM_078_B2_G08	ZM_078_B2_G08_T7C	
53691	ZM_078_B2_G08		ZM_078_B2_G08_MR
53692	ZM_078_B2_G09	ZM_078_B2_G09_T7C	
53693	ZM_078_B2_G09		ZM_078_B2_G09_MR
53694	ZM_078_B2_G10	ZM_078_B2_G10_T7C	
53695	ZM_078_B2_G10		ZM_078_B2_G10_MR
53696	ZM_078_B2_G11	ZM_078_B2_G11_T7C	
53697	ZM_078_B2_G11		ZM_078_B2_G11_MR
53698	ZM_078_B2_G12	ZM_078_B2_G12_T7C	
53699	ZM_078_B2_G12		ZM_078_B2_G12_MR
53700	ZM_078_B2_H01	ZM_078_B2_H01_T7C	
53701	ZM_078_B2_H01		ZM_078_B2_H01_MR
53702	ZM_078_B2_H02	ZM_078_B2_H02_T7C	
53703	ZM_078_B2_H02		ZM_078_B2_H02_MR
53704	ZM_078_B2_H03	ZM_078_B2_H03_T7C	
53705	ZM_078_B2_H03		ZM_078_B2_H03_MR
53706	ZM_078_B2_H04	ZM_078_B2_H04_T7C	
53707	ZM_078_B2_H04		ZM_078_B2_H04_MR
53708	ZM_078_B2_H05		ZM_078_B2_H05_MR
53709	ZM_078_B2_H06	ZM_078_B2_H06_T7C	
53710	ZM_078_B2_H06		ZM_078_B2_H06_MR
53711	ZM_078_B2_H07	ZM_078_B2_H07_T7C	
53712	ZM_078_B2_H07		ZM_078_B2_H07_MR
53713	ZM_078_B2_H08	ZM_078_B2_H08_T7C	
53714	ZM_078_B2_H08		ZM_078_B2_H08_MR
53715	ZM_078_B2_H09	ZM_078_B2_H09_T7C	
53716	ZM_078_B2_H09		ZM_078_B2_H09_MR
53717	ZM_078_B2_H10	ZM_078_B2_H10_T7C	
53718	ZM_078_B2_H10		ZM_078_B2_H10_MR
53719	ZM_078_B2_H11	ZM_078_B2_H11_T7C	
53720	ZM_078_B2_H11		ZM_078_B2_H11_MR
53721	ZM_078_B2_H12	ZM_078_B2_H12_T7C	
53722	ZM_078_B2_H12		ZM_078_B2_H12_MR
53723	ZM_079_A1_A01	ZM_079_A1_A01_T7	
53724	ZM_079_A1_A01		ZM_079_A1_A01_MR
53725	ZM_079_A1_A02	ZM_079_A1_A02_T7	
53726	ZM_079_A1_A03	ZM_079_A1_A03_T7	
53727	ZM_079_A1_A03		ZM_079_A1_A03_MR
53728	ZM_079_A1_A04	ZM_079_A1_A04_T7	
53729	ZM_079_A1_A04		ZM_079_A1_A04_MR
53730	ZM_079_A1_A05	ZM_079_A1_A05_T7	
53731	ZM_079_A1_A05		ZM_079_A1_A05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53732	ZM_079_A1_A06	ZM_079_A1_A06_T7	
53733	ZM_079_A1_A07	ZM_079_A1_A07_T7	
53734	ZM_079_A1_A07		ZM_079_A1_A07_MR
53735	ZM_079_A1_A08	ZM_079_A1_A08_T7	
53736	ZM_079_A1_A08		ZM_079_A1_A08_MR
53737	ZM_079_A1_A09	ZM_079_A1_A09_T7	
53738	ZM_079_A1_A09		ZM_079_A1_A09_MR
53739	ZM_079_A1_A10	ZM_079_A1_A10_T7	
53740	ZM_079_A1_A10		ZM_079_A1_A10_MR
53741	ZM_079_A1_A11	ZM_079_A1_A11_T7	
53742	ZM_079_A1_A11		ZM_079_A1_A11_MR
53743	ZM_079_A1_A12	ZM_079_A1_A12_T7	
53744	ZM_079_A1_A12		ZM_079_A1_A12_MR
53745	ZM_079_A1_B01	ZM_079_A1_B01_T7	
53746	ZM_079_A1_B01		ZM_079_A1_B01_MR
53747	ZM_079_A1_B02	ZM_079_A1_B02_T7	
53748	ZM_079_A1_B02		ZM_079_A1_B02_MR
53749	ZM_079_A1_B03	ZM_079_A1_B03_T7	
53750	ZM_079_A1_B03		ZM_079_A1_B03_MR
53751	ZM_079_A1_B04	ZM_079_A1_B04_T7	
53752	ZM_079_A1_B05	ZM_079_A1_B05_T7	
53753	ZM_079_A1_B05		ZM_079_A1_B05_MR
53754	ZM_079_A1_B06	ZM_079_A1_B06_T7	
53755	ZM_079_A1_B06		ZM_079_A1_B06_MR
53756	ZM_079_A1_B07	ZM_079_A1_B07_T7	
53757	ZM_079_A1_B07		ZM_079_A1_B07_MR
53758	ZM_079_A1_B08	ZM_079_A1_B08_T7	
53759	ZM_079_A1_B10	ZM_079_A1_B10_T7	
53760	ZM_079_A1_B10		ZM_079_A1_B10_MR
53761	ZM_079_A1_B11	ZM_079_A1_B11_T7	
53762	ZM_079_A1_B11		ZM_079_A1_B11_MR
53763	ZM_079_A1_B12	ZM_079_A1_B12_T7	
53764	ZM_079_A1_B12		ZM_079_A1_B12_MR
53765	ZM_079_A1_C01	ZM_079_A1_C01_T7	
53766	ZM_079_A1_C01		ZM_079_A1_C01_MR
53767	ZM_079_A1_C03	ZM_079_A1_C03_T7	
53768	ZM_079_A1_C03		ZM_079_A1_C03_MR
53769	ZM_079_A1_C04	ZM_079_A1_C04_T7	
53770	ZM_079_A1_C04		ZM_079_A1_C04_MR
53771	ZM_079_A1_C05	ZM_079_A1_C05_T7	
53772	ZM_079_A1_C05		ZM_079_A1_C05_MR
53773	ZM_079_A1_C06	ZM_079_A1_C06_T7	
53774	ZM_079_A1_C06		ZM_079_A1_C06_MR
53775	ZM_079_A1_C07	ZM_079_A1_C07_T7	
53776	ZM_079_A1_C07		ZM_079_A1_C07_MR
53777	ZM_079_A1_C08	ZM_079_A1_C08_T7	
53778	ZM_079_A1_C08		ZM_079_A1_C08_MR
53779	ZM_079_A1_C09	ZM_079_A1_C09_T7	
53780	ZM_079_A1_C09		ZM_079_A1_C09_MR
53781	ZM_079_A1_C10	ZM_079_A1_C10_T7	
53782	ZM_079_A1_C10		ZM_079_A1_C10_MR
53783	ZM_079_A1_C11	ZM_079_A1_C11_T7	
53784	ZM_079_A1_C11		ZM_079_A1_C11_MR
53785	ZM_079_A1_C12	ZM_079_A1_C12_T7	
53786	ZM_079_A1_C12		ZM_079_A1_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53787	ZM_079_A1_D01	ZM_079_A1_D01_T7	ZM_079_A1_D01_MR
53788	ZM_079_A1_D01		
53789	ZM_079_A1_D02	ZM_079_A1_D02_T7	ZM_079_A1_D02_MR
53790	ZM_079_A1_D02		ZM_079_A1_D03_MR
53791	ZM_079_A1_D03		
53792	ZM_079_A1_D04	ZM_079_A1_D04_T7	ZM_079_A1_D04_MR
53793	ZM_079_A1_D04		
53794	ZM_079_A1_D05	ZM_079_A1_D05_T7	ZM_079_A1_D05_MR
53795	ZM_079_A1_D05		
53796	ZM_079_A1_D06	ZM_079_A1_D06_T7	ZM_079_A1_D06_MR
53797	ZM_079_A1_D06		
53798	ZM_079_A1_D07	ZM_079_A1_D07_T7	ZM_079_A1_D07_MR
53799	ZM_079_A1_D07		
53800	ZM_079_A1_D08	ZM_079_A1_D08_T7	ZM_079_A1_D08_MR
53801	ZM_079_A1_D08		
53802	ZM_079_A1_D09	ZM_079_A1_D09_T7	
53803	ZM_079_A1_D10	ZM_079_A1_D10_T7	ZM_079_A1_D10_MR
53804	ZM_079_A1_D10		ZM_079_A1_D11_MR
53805	ZM_079_A1_D11		
53806	ZM_079_A1_D12	ZM_079_A1_D12_T7	ZM_079_A1_E01_MR
53807	ZM_079_A1_E01		
53808	ZM_079_A1_E02	ZM_079_A1_E02_T7	ZM_079_A1_E02_MR
53809	ZM_079_A1_E02		
53810	ZM_079_A1_E03	ZM_079_A1_E03_T7	ZM_079_A1_E03_MR
53811	ZM_079_A1_E03		
53812	ZM_079_A1_E06	ZM_079_A1_E06_T7	ZM_079_A1_E06_MR
53813	ZM_079_A1_E06		
53814	ZM_079_A1_E07	ZM_079_A1_E07_T7	ZM_079_A1_E07_MR
53815	ZM_079_A1_E07		
53816	ZM_079_A1_E08	ZM_079_A1_E08_T7	ZM_079_A1_E08_MR
53817	ZM_079_A1_E08		
53818	ZM_079_A1_E09	ZM_079_A1_E09_T7	ZM_079_A1_E09_MR
53819	ZM_079_A1_E09		
53820	ZM_079_A1_E10	ZM_079_A1_E10_T7	ZM_079_A1_E10_MR
53821	ZM_079_A1_E10		
53822	ZM_079_A1_E11	ZM_079_A1_E11_T7	ZM_079_A1_E11_MR
53823	ZM_079_A1_E11		
53824	ZM_079_A1_F01	ZM_079_A1_F01_T7	ZM_079_A1_F01_MR
53825	ZM_079_A1_F01		
53826	ZM_079_A1_F02	ZM_079_A1_F02_T7	ZM_079_A1_F02_MR
53827	ZM_079_A1_F02		
53828	ZM_079_A1_F03	ZM_079_A1_F03_T7	ZM_079_A1_F03_MR
53829	ZM_079_A1_F03		
53830	ZM_079_A1_F04	ZM_079_A1_F04_T7	ZM_079_A1_F04_MR
53831	ZM_079_A1_F04		
53832	ZM_079_A1_F05	ZM_079_A1_F05_T7	ZM_079_A1_F05_MR
53833	ZM_079_A1_F05		
53834	ZM_079_A1_F06	ZM_079_A1_F06_T7	ZM_079_A1_F06_MR
53835	ZM_079_A1_F06		
53836	ZM_079_A1_F07	ZM_079_A1_F07_T7	ZM_079_A1_F07_MR
53837	ZM_079_A1_F07		
53838	ZM_079_A1_F08	ZM_079_A1_F08_T7	ZM_079_A1_F08_MR
53839	ZM_079_A1_F08		
53840	ZM_079_A1_F09	ZM_079_A1_F09_T7	ZM_079_A1_F09_MR
53841	ZM_079_A1_F09		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53842	ZM_079_A1_F10		ZM_079_A1_F10_MR
53843	ZM_079_A1_F11	ZM_079_A1_F11_T7	
53844	ZM_079_A1_F11		ZM_079_A1_F11_MR
53845	ZM_079_A1_F12	ZM_079_A1_F12_T7	
53846	ZM_079_A1_F12		ZM_079_A1_F12_MR
53847	ZM_079_A1_G01	ZM_079_A1_G01_T7	
53848	ZM_079_A1_G01		ZM_079_A1_G01_MR
53849	ZM_079_A1_G02	ZM_079_A1_G02_T7	
53850	ZM_079_A1_G02		ZM_079_A1_G02_MR
53851	ZM_079_A1_G03	ZM_079_A1_G03_T7	
53852	ZM_079_A1_G03		ZM_079_A1_G03_MR
53853	ZM_079_A1_G04	ZM_079_A1_G04_T7	
53854	ZM_079_A1_G04		ZM_079_A1_G04_MR
53855	ZM_079_A1_G05	ZM_079_A1_G05_T7	
53856	ZM_079_A1_G06	ZM_079_A1_G06_T7	
53857	ZM_079_A1_G06		ZM_079_A1_G06_MR
53858	ZM_079_A1_G07	ZM_079_A1_G07_T7	
53859	ZM_079_A1_G07		ZM_079_A1_G07_MR
53860	ZM_079_A1_G08	ZM_079_A1_G08_T7	
53861	ZM_079_A1_G08		ZM_079_A1_G08_MR
53862	ZM_079_A1_G09	ZM_079_A1_G09_T7	
53863	ZM_079_A1_G09		ZM_079_A1_G09_MR
53864	ZM_079_A1_G10	ZM_079_A1_G10_T7	
53865	ZM_079_A1_G10		ZM_079_A1_G10_MR
53866	ZM_079_A1_G11	ZM_079_A1_G11_T7	
53867	ZM_079_A1_G11		ZM_079_A1_G11_MR
53868	ZM_079_A1_G12	ZM_079_A1_G12_T7	
53869	ZM_079_A1_G12		ZM_079_A1_G12_MR
53870	ZM_079_A1_H01	ZM_079_A1_H01_T7	
53871	ZM_079_A1_H01		ZM_079_A1_H01_MR
53872	ZM_079_A1_H02	ZM_079_A1_H02_T7	
53873	ZM_079_A1_H02		ZM_079_A1_H02_MR
53874	ZM_079_A1_H03	ZM_079_A1_H03_T7	
53875	ZM_079_A1_H03		ZM_079_A1_H03_MR
53876	ZM_079_A1_H04	ZM_079_A1_H04_T7	
53877	ZM_079_A1_H04		ZM_079_A1_H04_MR
53878	ZM_079_A1_H05	ZM_079_A1_H05_T7	
53879	ZM_079_A1_H05		ZM_079_A1_H05_MR
53880	ZM_079_A1_H06	ZM_079_A1_H06_T7	
53881	ZM_079_A1_H06		ZM_079_A1_H06_MR
53882	ZM_079_A1_H07	ZM_079_A1_H07_T7	
53883	ZM_079_A1_H07		ZM_079_A1_H07_MR
53884	ZM_079_A1_H08	ZM_079_A1_H08_T7	
53885	ZM_079_A1_H08		ZM_079_A1_H08_MR
53886	ZM_079_A1_H09	ZM_079_A1_H09_T7	
53887	ZM_079_A1_H10	ZM_079_A1_H10_T7	
53888	ZM_079_A1_H10		ZM_079_A1_H10_MR
53889	ZM_079_A1_H11	ZM_079_A1_H11_T7	
53890	ZM_079_A1_H11		ZM_079_A1_H11_MR
53891	ZM_079_A1_H12	ZM_079_A1_H12_T7	
53892	ZM_079_A2_A01	ZM_079_A2_A01_T7	
53893	ZM_079_A2_A01		ZM_079_A2_A01_MR
53894	ZM_079_A2_A02	ZM_079_A2_A02_T7	
53895	ZM_079_A2_A02		ZM_079_A2_A02_MR
53896	ZM_079_A2_A03	ZM_079_A2_A03_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53897	ZM_079_A2_A03		ZM_079_A2_A03_MR
53898	ZM_079_A2_A04	ZM_079_A2_A04_T7	
53899	ZM_079_A2_A04		ZM_079_A2_A04_MR
53900	ZM_079_A2_A05	ZM_079_A2_A05_T7	
53901	ZM_079_A2_A05		ZM_079_A2_A05_MR
53902	ZM_079_A2_A06	ZM_079_A2_A06_T7	
53903	ZM_079_A2_A07	ZM_079_A2_A07_T7	
53904	ZM_079_A2_A07		ZM_079_A2_A07_MR
53905	ZM_079_A2_A08	ZM_079_A2_A08_T7	
53906	ZM_079_A2_A08		ZM_079_A2_A08_MR
53907	ZM_079_A2_A09	ZM_079_A2_A09_T7	
53908	ZM_079_A2_A09		ZM_079_A2_A09_MR
53909	ZM_079_A2_A10	ZM_079_A2_A10_T7	
53910	ZM_079_A2_A10		ZM_079_A2_A10_MR
53911	ZM_079_A2_A11	ZM_079_A2_A11_T7	
53912	ZM_079_A2_A11		ZM_079_A2_A11_MR
53913	ZM_079_A2_A12	ZM_079_A2_A12_T7	
53914	ZM_079_A2_A12		ZM_079_A2_A12_MR
53915	ZM_079_A2_B01	ZM_079_A2_B01_T7	
53916	ZM_079_A2_B01		ZM_079_A2_B01_MR
53917	ZM_079_A2_B02	ZM_079_A2_B02_T7	
53918	ZM_079_A2_B02		ZM_079_A2_B02_MR
53919	ZM_079_A2_B03	ZM_079_A2_B03_T7	
53920	ZM_079_A2_B03		ZM_079_A2_B03_MR
53921	ZM_079_A2_B04	ZM_079_A2_B04_T7	
53922	ZM_079_A2_B04		ZM_079_A2_B04_MR
53923	ZM_079_A2_B05	ZM_079_A2_B05_T7	
53924	ZM_079_A2_B05		ZM_079_A2_B05_MR
53925	ZM_079_A2_B06	ZM_079_A2_B06_T7	
53926	ZM_079_A2_B06		ZM_079_A2_B06_MR
53927	ZM_079_A2_B08	ZM_079_A2_B08_T7	
53928	ZM_079_A2_B08		ZM_079_A2_B08_MR
53929	ZM_079_A2_B09	ZM_079_A2_B09_T7	
53930	ZM_079_A2_B09		ZM_079_A2_B09_MR
53931	ZM_079_A2_B10	ZM_079_A2_B10_T7	
53932	ZM_079_A2_B10		ZM_079_A2_B10_MR
53933	ZM_079_A2_B11	ZM_079_A2_B11_T7	
53934	ZM_079_A2_B11		ZM_079_A2_B11_MR
53935	ZM_079_A2_B12	ZM_079_A2_B12_T7	
53936	ZM_079_A2_B12		ZM_079_A2_B12_MR
53937	ZM_079_A2_C01	ZM_079_A2_C01_T7	
53938	ZM_079_A2_C02	ZM_079_A2_C02_T7	
53939	ZM_079_A2_C02		ZM_079_A2_C02_MR
53940	ZM_079_A2_C03	ZM_079_A2_C03_T7	
53941	ZM_079_A2_C03		ZM_079_A2_C03_MR
53942	ZM_079_A2_C04	ZM_079_A2_C04_T7	
53943	ZM_079_A2_C04		ZM_079_A2_C04_MR
53944	ZM_079_A2_C05	ZM_079_A2_C05_T7	
53945	ZM_079_A2_C05		ZM_079_A2_C05_MR
53946	ZM_079_A2_C06	ZM_079_A2_C06_T7	
53947	ZM_079_A2_C06		ZM_079_A2_C06_MR
53948	ZM_079_A2_C08	ZM_079_A2_C08_T7	
53949	ZM_079_A2_C08		ZM_079_A2_C08_MR
53950	ZM_079_A2_C09	ZM_079_A2_C09_T7	
53951	ZM_079_A2_C10	ZM_079_A2_C10_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
53952	ZM_079_A2_C10		ZM_079_A2_C10_MR
53953	ZM_079_A2_C11	ZM_079_A2_C11_T7	
53954	ZM_079_A2_C11		ZM_079_A2_C11_MR
53955	ZM_079_A2_C12	ZM_079_A2_C12_T7	
53956	ZM_079_A2_C12		ZM_079_A2_C12_MR
53957	ZM_079_A2_D01	ZM_079_A2_D01_T7	
53958	ZM_079_A2_D01		ZM_079_A2_D01_MR
53959	ZM_079_A2_D02	ZM_079_A2_D02_T7	
53960	ZM_079_A2_D02		ZM_079_A2_D02_MR
53961	ZM_079_A2_D03	ZM_079_A2_D03_T7	
53962	ZM_079_A2_D03		ZM_079_A2_D03_MR
53963	ZM_079_A2_D04	ZM_079_A2_D04_T7	
53964	ZM_079_A2_D04		ZM_079_A2_D04_MR
53965	ZM_079_A2_D05	ZM_079_A2_D05_T7	
53966	ZM_079_A2_D05		ZM_079_A2_D05_MR
53967	ZM_079_A2_D06	ZM_079_A2_D06_T7	
53968	ZM_079_A2_D06		ZM_079_A2_D06_MR
53969	ZM_079_A2_D07	ZM_079_A2_D07_T7	
53970	ZM_079_A2_D07		ZM_079_A2_D07_MR
53971	ZM_079_A2_D08	ZM_079_A2_D08_T7	
53972	ZM_079_A2_D08		ZM_079_A2_D08_MR
53973	ZM_079_A2_D09	ZM_079_A2_D09_T7	
53974	ZM_079_A2_D09		ZM_079_A2_D09_MR
53975	ZM_079_A2_D10	ZM_079_A2_D10_T7	
53976	ZM_079_A2_D10		ZM_079_A2_D10_MR
53977	ZM_079_A2_D11	ZM_079_A2_D11_T7	
53978	ZM_079_A2_D11		ZM_079_A2_D11_MR
53979	ZM_079_A2_D12	ZM_079_A2_D12_T7	
53980	ZM_079_A2_D12		ZM_079_A2_D12_MR
53981	ZM_079_A2_E01	ZM_079_A2_E01_T7	
53982	ZM_079_A2_E02	ZM_079_A2_E02_T7	
53983	ZM_079_A2_E03	ZM_079_A2_E03_T7	
53984	ZM_079_A2_E03		ZM_079_A2_E03_MR
53985	ZM_079_A2_E04	ZM_079_A2_E04_T7	
53986	ZM_079_A2_E04		ZM_079_A2_E04_MR
53987	ZM_079_A2_E05		ZM_079_A2_E05_MR
53988	ZM_079_A2_E06	ZM_079_A2_E06_T7	
53989	ZM_079_A2_E07	ZM_079_A2_E07_T7	
53990	ZM_079_A2_E07		ZM_079_A2_E07_MR
53991	ZM_079_A2_E08	ZM_079_A2_E08_T7	
53992	ZM_079_A2_E08		ZM_079_A2_E08_MR
53993	ZM_079_A2_E09	ZM_079_A2_E09_T7	
53994	ZM_079_A2_E09		ZM_079_A2_E09_MR
53995	ZM_079_A2_E10	ZM_079_A2_E10_T7	
53996	ZM_079_A2_E10		ZM_079_A2_E10_MR
53997	ZM_079_A2_E11		ZM_079_A2_E11_MR
53998	ZM_079_A2_E12		ZM_079_A2_E12_MR
53999	ZM_079_A2_F01	ZM_079_A2_F01_T7	
54000	ZM_079_A2_F01		ZM_079_A2_F01_MR
54001	ZM_079_A2_F02	ZM_079_A2_F02_T7	
54002	ZM_079_A2_F02		ZM_079_A2_F02_MR
54003	ZM_079_A2_F03	ZM_079_A2_F03_T7	
54004	ZM_079_A2_F03		ZM_079_A2_F03_MR
54005	ZM_079_A2_F05	ZM_079_A2_F05_T7	
54006	ZM_079_A2_F05		ZM_079_A2_F05_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54007	ZM_079_A2_F06	ZM_079_A2_F06_T7	
54008	ZM_079_A2_F06		ZM_079_A2_F06_MR
54009	ZM_079_A2_F08	ZM_079_A2_F08_T7	
54010	ZM_079_A2_F08		ZM_079_A2_F08_MR
54011	ZM_079_A2_F09	ZM_079_A2_F09_T7	
54012	ZM_079_A2_F09		ZM_079_A2_F09_MR
54013	ZM_079_A2_F10	ZM_079_A2_F10_T7	
54014	ZM_079_A2_F10		ZM_079_A2_F10_MR
54015	ZM_079_A2_F11	ZM_079_A2_F11_T7	
54016	ZM_079_A2_F11		ZM_079_A2_F11_MR
54017	ZM_079_A2_F12	ZM_079_A2_F12_T7	
54018	ZM_079_A2_F12		ZM_079_A2_F12_MR
54019	ZM_079_A2_G01	ZM_079_A2_G01_T7	
54020	ZM_079_A2_G01		ZM_079_A2_G01_MR
54021	ZM_079_A2_G02	ZM_079_A2_G02_T7	
54022	ZM_079_A2_G02		ZM_079_A2_G02_MR
54023	ZM_079_A2_G03	ZM_079_A2_G03_T7	
54024	ZM_079_A2_G03		ZM_079_A2_G03_MR
54025	ZM_079_A2_G04	ZM_079_A2_G04_T7	
54026	ZM_079_A2_G04		ZM_079_A2_G04_MR
54027	ZM_079_A2_G05	ZM_079_A2_G05_T7	
54028	ZM_079_A2_G05		ZM_079_A2_G05_MR
54029	ZM_079_A2_G06	ZM_079_A2_G06_T7	
54030	ZM_079_A2_G06		ZM_079_A2_G06_MR
54031	ZM_079_A2_G07	ZM_079_A2_G07_T7	
54032	ZM_079_A2_G07		ZM_079_A2_G07_MR
54033	ZM_079_A2_G08	ZM_079_A2_G08_T7	
54034	ZM_079_A2_G08		ZM_079_A2_G08_MR
54035	ZM_079_A2_G09	ZM_079_A2_G09_T7	
54036	ZM_079_A2_G09		ZM_079_A2_G09_MR
54037	ZM_079_A2_G10	ZM_079_A2_G10_T7	
54038	ZM_079_A2_G10		ZM_079_A2_G10_MR
54039	ZM_079_A2_G11		ZM_079_A2_G11_MR
54040	ZM_079_A2_G12	ZM_079_A2_G12_T7	
54041	ZM_079_A2_G12		ZM_079_A2_G12_MR
54042	ZM_079_A2_H01	ZM_079_A2_H01_T7	
54043	ZM_079_A2_H01		ZM_079_A2_H01_MR
54044	ZM_079_A2_H04	ZM_079_A2_H04_T7	
54045	ZM_079_A2_H04		ZM_079_A2_H04_MR
54046	ZM_079_A2_H05	ZM_079_A2_H05_T7	
54047	ZM_079_A2_H05		ZM_079_A2_H05_MR
54048	ZM_079_A2_H06	ZM_079_A2_H06_T7	
54049	ZM_079_A2_H07	ZM_079_A2_H07_T7	
54050	ZM_079_A2_H07		ZM_079_A2_H07_MR
54051	ZM_079_A2_H08	ZM_079_A2_H08_T7	
54052	ZM_079_A2_H08		ZM_079_A2_H08_MR
54053	ZM_079_A2_H09		ZM_079_A2_H09_MR
54054	ZM_079_A2_H10	ZM_079_A2_H10_T7	
54055	ZM_079_A2_H10		ZM_079_A2_H10_MR
54056	ZM_079_A2_H11	ZM_079_A2_H11_T7	
54057	ZM_079_A2_H11		ZM_079_A2_H11_MR
54058	ZM_079_A2_H12		ZM_079_A2_H12_MR
54059	ZM_079_B1_A01	ZM_079_B1_A01_T7C	
54060	ZM_079_B1_A01		ZM_079_B1_A01_MR
54061	ZM_079_B1_A02	ZM_079_B1_A02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54062	ZM_079_B1_A02		ZM_079_B1_A02_MR
54063	ZM_079_B1_A03	ZM_079_B1_A03_T7C	
54064	ZM_079_B1_A03		ZM_079_B1_A03_MR
54065	ZM_079_B1_A04	ZM_079_B1_A04_T7C	
54066	ZM_079_B1_A04		ZM_079_B1_A04_MR
54067	ZM_079_B1_A05	ZM_079_B1_A05_T7C	
54068	ZM_079_B1_A05		ZM_079_B1_A05_MR
54069	ZM_079_B1_A06	ZM_079_B1_A06_T7C	
54070	ZM_079_B1_A06		ZM_079_B1_A06_MR
54071	ZM_079_B1_A07	ZM_079_B1_A07_T7C	
54072	ZM_079_B1_A07		ZM_079_B1_A07_MR
54073	ZM_079_B1_A09	ZM_079_B1_A09_T7C	
54074	ZM_079_B1_A09		ZM_079_B1_A09_MR
54075	ZM_079_B1_A10	ZM_079_B1_A10_T7C	
54076	ZM_079_B1_A10		ZM_079_B1_A10_MR
54077	ZM_079_B1_A11		ZM_079_B1_A11_MR
54078	ZM_079_B1_B01	ZM_079_B1_B01_T7C	
54079	ZM_079_B1_B01		ZM_079_B1_B01_MR
54080	ZM_079_B1_B02	ZM_079_B1_B02_T7C	
54081	ZM_079_B1_B02		ZM_079_B1_B02_MR
54082	ZM_079_B1_B03	ZM_079_B1_B03_T7C	
54083	ZM_079_B1_B03		ZM_079_B1_B03_MR
54084	ZM_079_B1_B04		ZM_079_B1_B04_MR
54085	ZM_079_B1_B05	ZM_079_B1_B05_T7C	
54086	ZM_079_B1_B05		ZM_079_B1_B05_MR
54087	ZM_079_B1_B06		ZM_079_B1_B06_MR
54088	ZM_079_B1_B07	ZM_079_B1_B07_T7C	
54089	ZM_079_B1_B07		ZM_079_B1_B07_MR
54090	ZM_079_B1_B08	ZM_079_B1_B08_T7C	
54091	ZM_079_B1_B08		ZM_079_B1_B08_MR
54092	ZM_079_B1_B09	ZM_079_B1_B09_T7C	
54093	ZM_079_B1_B10	ZM_079_B1_B10_T7C	
54094	ZM_079_B1_B11	ZM_079_B1_B11_T7C	
54095	ZM_079_B1_B11		ZM_079_B1_B11_MR
54096	ZM_079_B1_B12	ZM_079_B1_B12_T7C	
54097	ZM_079_B1_B12		ZM_079_B1_B12_MR
54098	ZM_079_B1_C01	ZM_079_B1_C01_T7C	
54099	ZM_079_B1_C01		ZM_079_B1_C01_MR
54100	ZM_079_B1_C02	ZM_079_B1_C02_T7C	
54101	ZM_079_B1_C02		ZM_079_B1_C02_MR
54102	ZM_079_B1_C03	ZM_079_B1_C03_T7C	
54103	ZM_079_B1_C03		ZM_079_B1_C03_MR
54104	ZM_079_B1_C04	ZM_079_B1_C04_T7C	
54105	ZM_079_B1_C04		ZM_079_B1_C04_MR
54106	ZM_079_B1_C05	ZM_079_B1_C05_T7C	
54107	ZM_079_B1_C05		ZM_079_B1_C05_MR
54108	ZM_079_B1_C06	ZM_079_B1_C06_T7C	
54109	ZM_079_B1_C06		ZM_079_B1_C06_MR
54110	ZM_079_B1_C07	ZM_079_B1_C07_T7C	
54111	ZM_079_B1_C07		ZM_079_B1_C07_MR
54112	ZM_079_B1_C08	ZM_079_B1_C08_T7C	
54113	ZM_079_B1_C08		ZM_079_B1_C08_MR
54114	ZM_079_B1_C09	ZM_079_B1_C09_T7C	
54115	ZM_079_B1_C09		ZM_079_B1_C09_MR
54116	ZM_079_B1_C10	ZM_079_B1_C10_T7C	

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54117	ZM_079_B1_C10		ZM_079_B1_C10_MR
54118	ZM_079_B1_C11	ZM_079_B1_C11_T7C	
54119	ZM_079_B1_C11		ZM_079_B1_C11_MR
54120	ZM_079_B1_C12	ZM_079_B1_C12_T7C	
54121	ZM_079_B1_C12		ZM_079_B1_C12_MR
54122	ZM_079_B1_D01	ZM_079_B1_D01_T7C	
54123	ZM_079_B1_D01		ZM_079_B1_D01_MR
54124	ZM_079_B1_D02		ZM_079_B1_D02_MR
54125	ZM_079_B1_D03	ZM_079_B1_D03_T7C	
54126	ZM_079_B1_D03		ZM_079_B1_D03_MR
54127	ZM_079_B1_D04	ZM_079_B1_D04_T7C	
54128	ZM_079_B1_D04		ZM_079_B1_D04_MR
54129	ZM_079_B1_D05		ZM_079_B1_D05_MR
54130	ZM_079_B1_D06	ZM_079_B1_D06_T7C	
54131	ZM_079_B1_D06		ZM_079_B1_D06_MR
54132	ZM_079_B1_D07	ZM_079_B1_D07_T7C	
54133	ZM_079_B1_D07		ZM_079_B1_D07_MR
54134	ZM_079_B1_D08	ZM_079_B1_D08_T7C	
54135	ZM_079_B1_D08		ZM_079_B1_D08_MR
54136	ZM_079_B1_D09	ZM_079_B1_D09_T7C	
54137	ZM_079_B1_D09		ZM_079_B1_D09_MR
54138	ZM_079_B1_D10	ZM_079_B1_D10_T7C	
54139	ZM_079_B1_D10		ZM_079_B1_D10_MR
54140	ZM_079_B1_D11	ZM_079_B1_D11_T7C	
54141	ZM_079_B1_D11		ZM_079_B1_D11_MR
54142	ZM_079_B1_D12	ZM_079_B1_D12_T7C	
54143	ZM_079_B1_D12		ZM_079_B1_D12_MR
54144	ZM_079_B1_E01		ZM_079_B1_E01_MR
54145	ZM_079_B1_E02	ZM_079_B1_E02_T7C	
54146	ZM_079_B1_E02		ZM_079_B1_E02_MR
54147	ZM_079_B1_E03	ZM_079_B1_E03_T7C	
54148	ZM_079_B1_E03		ZM_079_B1_E03_MR
54149	ZM_079_B1_E04	ZM_079_B1_E04_T7C	
54150	ZM_079_B1_E04		ZM_079_B1_E04_MR
54151	ZM_079_B1_E05		ZM_079_B1_E05_MR
54152	ZM_079_B1_E06	ZM_079_B1_E06_T7C	
54153	ZM_079_B1_E06		ZM_079_B1_E06_MR
54154	ZM_079_B1_E07	ZM_079_B1_E07_T7C	
54155	ZM_079_B1_E07		ZM_079_B1_E07_MR
54156	ZM_079_B1_E08	ZM_079_B1_E08_T7C	
54157	ZM_079_B1_E08		ZM_079_B1_E08_MR
54158	ZM_079_B1_E10	ZM_079_B1_E10_T7C	
54159	ZM_079_B1_E10		ZM_079_B1_E10_MR
54160	ZM_079_B1_E11	ZM_079_B1_E11_T7C	
54161	ZM_079_B1_E11		ZM_079_B1_E11_MR
54162	ZM_079_B1_E12	ZM_079_B1_E12_T7C	
54163	ZM_079_B1_E12		ZM_079_B1_E12_MR
54164	ZM_079_B1_F01	ZM_079_B1_F01_T7C	
54165	ZM_079_B1_F01		ZM_079_B1_F01_MR
54166	ZM_079_B1_F02	ZM_079_B1_F02_T7C	
54167	ZM_079_B1_F02		ZM_079_B1_F02_MR
54168	ZM_079_B1_F03	ZM_079_B1_F03_T7C	
54169	ZM_079_B1_F03		ZM_079_B1_F03_MR
54170	ZM_079_B1_F04	ZM_079_B1_F04_T7C	
54171	ZM_079_B1_F04		ZM_079_B1_F04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54172	ZM_079_B1_F05	ZM_079_B1_F05_T7C	ZM_079_B1_F05_MR
54173	ZM_079_B1_F05		
54174	ZM_079_B1_F06	ZM_079_B1_F06_T7C	ZM_079_B1_F06_MR
54175	ZM_079_B1_F06		
54176	ZM_079_B1_F07	ZM_079_B1_F07_T7C	ZM_079_B1_F07_MR
54177	ZM_079_B1_F07		
54178	ZM_079_B1_F08	ZM_079_B1_F08_T7C	ZM_079_B1_F08_MR
54179	ZM_079_B1_F08		
54180	ZM_079_B1_F09	ZM_079_B1_F09_T7C	ZM_079_B1_F09_MR
54181	ZM_079_B1_F09		
54182	ZM_079_B1_F10	ZM_079_B1_F10_T7C	ZM_079_B1_F10_MR
54183	ZM_079_B1_F10		
54184	ZM_079_B1_F11	ZM_079_B1_F11_T7C	ZM_079_B1_F11_MR
54185	ZM_079_B1_F11		
54186	ZM_079_B1_F12		ZM_079_B1_F12_MR
54187	ZM_079_B1_G01	ZM_079_B1_G01_T7C	ZM_079_B1_G01_MR
54188	ZM_079_B1_G01		
54189	ZM_079_B1_G02	ZM_079_B1_G02_T7C	ZM_079_B1_G02_MR
54190	ZM_079_B1_G02		
54191	ZM_079_B1_G03	ZM_079_B1_G03_T7C	ZM_079_B1_G03_MR
54192	ZM_079_B1_G03		
54193	ZM_079_B1_G04	ZM_079_B1_G04_T7C	ZM_079_B1_G04_MR
54194	ZM_079_B1_G04		
54195	ZM_079_B1_G05		ZM_079_B1_G05_MR
54196	ZM_079_B1_G07	ZM_079_B1_G07_T7C	ZM_079_B1_G07_MR
54197	ZM_079_B1_G07		
54198	ZM_079_B1_G08	ZM_079_B1_G08_T7C	ZM_079_B1_G08_MR
54199	ZM_079_B1_G08		
54200	ZM_079_B1_G09	ZM_079_B1_G09_T7C	ZM_079_B1_G09_MR
54201	ZM_079_B1_G09		
54202	ZM_079_B1_G10	ZM_079_B1_G10_T7C	ZM_079_B1_G10_MR
54203	ZM_079_B1_G10		
54204	ZM_079_B1_G11	ZM_079_B1_G11_T7C	ZM_079_B1_G11_MR
54205	ZM_079_B1_G11		
54206	ZM_079_B1_G12		ZM_079_B1_G12_MR
54207	ZM_079_B1_H01	ZM_079_B1_H01_T7C	ZM_079_B1_H01_MR
54208	ZM_079_B1_H01		
54209	ZM_079_B1_H02	ZM_079_B1_H02_T7C	ZM_079_B1_H02_MR
54210	ZM_079_B1_H02		
54211	ZM_079_B1_H03		ZM_079_B1_H03_MR
54212	ZM_079_B1_H04		ZM_079_B1_H04_MR
54213	ZM_079_B1_H05	ZM_079_B1_H05_T7C	ZM_079_B1_H05_MR
54214	ZM_079_B1_H05		
54215	ZM_079_B1_H06	ZM_079_B1_H06_T7C	ZM_079_B1_H06_MR
54216	ZM_079_B1_H06		
54217	ZM_079_B1_H07	ZM_079_B1_H07_T7C	ZM_079_B1_H07_MR
54218	ZM_079_B1_H07		
54219	ZM_079_B1_H08	ZM_079_B1_H08_T7C	ZM_079_B1_H08_MR
54220	ZM_079_B1_H08		
54221	ZM_079_B1_H09	ZM_079_B1_H09_T7C	ZM_079_B1_H09_MR
54222	ZM_079_B1_H09		
54223	ZM_079_B1_H10	ZM_079_B1_H10_T7C	ZM_079_B1_H10_MR
54224	ZM_079_B1_H10		
54225	ZM_079_B1_H11	ZM_079_B1_H11_T7C	ZM_079_B1_H11_MR
54226	ZM_079_B1_H11		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54227	ZM_079_B1_H12	ZM_079_B1_H12_T7C	
54228	ZM_079_B1_H12		ZM_079_B1_H12_MR
54229	ZM_079_B2_A02	ZM_079_B2_A02_T7C	
54230	ZM_079_B2_A02		ZM_079_B2_A02_MR
54231	ZM_079_B2_A03	ZM_079_B2_A03_T7C	
54232	ZM_079_B2_A04	ZM_079_B2_A04_T7C	
54233	ZM_079_B2_A04		ZM_079_B2_A04_MR
54234	ZM_079_B2_A05	ZM_079_B2_A05_T7C	
54235	ZM_079_B2_A06	ZM_079_B2_A06_T7C	
54236	ZM_079_B2_A07	ZM_079_B2_A07_T7C	
54237	ZM_079_B2_A08	ZM_079_B2_A08_T7C	
54238	ZM_079_B2_A09	ZM_079_B2_A09_T7C	
54239	ZM_079_B2_A10	ZM_079_B2_A10_T7C	
54240	ZM_079_B2_A11	ZM_079_B2_A11_T7C	
54241	ZM_079_B2_A12	ZM_079_B2_A12_T7C	
54242	ZM_079_B2_A12		ZM_079_B2_A12_MR
54243	ZM_079_B2_B01	ZM_079_B2_B01_T7C	
54244	ZM_079_B2_B01		ZM_079_B2_B01_MR
54245	ZM_079_B2_B02	ZM_079_B2_B02_T7C	
54246	ZM_079_B2_B02		ZM_079_B2_B02_MR
54247	ZM_079_B2_B03	ZM_079_B2_B03_T7C	
54248	ZM_079_B2_B03		ZM_079_B2_B03_MR
54249	ZM_079_B2_B04	ZM_079_B2_B04_T7C	
54250	ZM_079_B2_B04		ZM_079_B2_B04_MR
54251	ZM_079_B2_B05		ZM_079_B2_B05_MR
54252	ZM_079_B2_B07	ZM_079_B2_B07_T7C	
54253	ZM_079_B2_B08	ZM_079_B2_B08_T7C	
54254	ZM_079_B2_B09	ZM_079_B2_B09_T7C	
54255	ZM_079_B2_B12	ZM_079_B2_B12_T7C	
54256	ZM_079_B2_C01	ZM_079_B2_C01_T7C	
54257	ZM_079_B2_C01		ZM_079_B2_C01_MR
54258	ZM_079_B2_C02	ZM_079_B2_C02_T7C	
54259	ZM_079_B2_C02		ZM_079_B2_C02_MR
54260	ZM_079_B2_C03	ZM_079_B2_C03_T7C	
54261	ZM_079_B2_C05		ZM_079_B2_C05_MR
54262	ZM_079_B2_C07	ZM_079_B2_C07_T7C	
54263	ZM_079_B2_C07		ZM_079_B2_C07_MR
54264	ZM_079_B2_C08	ZM_079_B2_C08_T7C	
54265	ZM_079_B2_C08		ZM_079_B2_C08_MR
54266	ZM_079_B2_C09	ZM_079_B2_C09_T7C	
54267	ZM_079_B2_C09		ZM_079_B2_C09_MR
54268	ZM_079_B2_C10	ZM_079_B2_C10_T7C	
54269	ZM_079_B2_C11	ZM_079_B2_C11_T7C	
54270	ZM_079_B2_C11		ZM_079_B2_C11_MR
54271	ZM_079_B2_C12	ZM_079_B2_C12_T7C	
54272	ZM_079_B2_D02	ZM_079_B2_D02_T7C	
54273	ZM_079_B2_D03		ZM_079_B2_D03_MR
54274	ZM_079_B2_D04		ZM_079_B2_D04_MR
54275	ZM_079_B2_D05		ZM_079_B2_D05_MR
54276	ZM_079_B2_D06	ZM_079_B2_D06_T7C	
54277	ZM_079_B2_D06		ZM_079_B2_D06_MR
54278	ZM_079_B2_D07	ZM_079_B2_D07_T7C	
54279	ZM_079_B2_D07		ZM_079_B2_D07_MR
54280	ZM_079_B2_D08	ZM_079_B2_D08_T7C	
54281	ZM_079_B2_D09	ZM_079_B2_D09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54282	ZM_079_B2_D09		ZM_079_B2_D09_MR
54283	ZM_079_B2_D10	ZM_079_B2_D10_T7C	
54284	ZM_079_B2_D10		ZM_079_B2_D10_MR
54285	ZM_079_B2_D11	ZM_079_B2_D11_T7C	
54286	ZM_079_B2_D12	ZM_079_B2_D12_T7C	
54287	ZM_079_B2_E01	ZM_079_B2_E01_T7C	
54288	ZM_079_B2_E01		ZM_079_B2_E01_MR
54289	ZM_079_B2_E02	ZM_079_B2_E02_T7C	
54290	ZM_079_B2_E03	ZM_079_B2_E03_T7C	
54291	ZM_079_B2_E03		ZM_079_B2_E03_MR
54292	ZM_079_B2_E04	ZM_079_B2_E04_T7C	
54293	ZM_079_B2_E04		ZM_079_B2_E04_MR
54294	ZM_079_B2_E05	ZM_079_B2_E05_T7C	
54295	ZM_079_B2_E05		ZM_079_B2_E05_MR
54296	ZM_079_B2_E07	ZM_079_B2_E07_T7C	
54297	ZM_079_B2_E08	ZM_079_B2_E08_T7C	
54298	ZM_079_B2_E08		ZM_079_B2_E08_MR
54299	ZM_079_B2_E09		ZM_079_B2_E09_MR
54300	ZM_079_B2_E10	ZM_079_B2_E10_T7C	
54301	ZM_079_B2_E11	ZM_079_B2_E11_T7C	
54302	ZM_079_B2_E12	ZM_079_B2_E12_T7C	
54303	ZM_079_B2_F01	ZM_079_B2_F01_T7C	
54304	ZM_079_B2_F02		ZM_079_B2_F02_MR
54305	ZM_079_B2_F03	ZM_079_B2_F03_T7C	
54306	ZM_079_B2_F03		ZM_079_B2_F03_MR
54307	ZM_079_B2_F04	ZM_079_B2_F04_T7C	
54308	ZM_079_B2_F06		ZM_079_B2_F06_MR
54309	ZM_079_B2_F07	ZM_079_B2_F07_T7C	
54310	ZM_079_B2_F08	ZM_079_B2_F08_T7C	
54311	ZM_079_B2_F08		ZM_079_B2_F08_MR
54312	ZM_079_B2_F09	ZM_079_B2_F09_T7C	
54313	ZM_079_B2_F11	ZM_079_B2_F11_T7C	
54314	ZM_079_B2_F11		ZM_079_B2_F11_MR
54315	ZM_079_B2_F12	ZM_079_B2_F12_T7C	
54316	ZM_079_B2_F12		ZM_079_B2_F12_MR
54317	ZM_079_B2_G01	ZM_079_B2_G01_T7C	
54318	ZM_079_B2_G02	ZM_079_B2_G02_T7C	
54319	ZM_079_B2_G04	ZM_079_B2_G04_T7C	
54320	ZM_079_B2_G04		ZM_079_B2_G04_MR
54321	ZM_079_B2_G06	ZM_079_B2_G06_T7C	
54322	ZM_079_B2_G06		ZM_079_B2_G06_MR
54323	ZM_079_B2_G07	ZM_079_B2_G07_T7C	
54324	ZM_079_B2_G08	ZM_079_B2_G08_T7C	
54325	ZM_079_B2_G09	ZM_079_B2_G09_T7C	
54326	ZM_079_B2_G09		ZM_079_B2_G09_MR
54327	ZM_079_B2_G10	ZM_079_B2_G10_T7C	
54328	ZM_079_B2_G12	ZM_079_B2_G12_T7C	
54329	ZM_079_B2_H01	ZM_079_B2_H01_T7C	
54330	ZM_079_B2_H02	ZM_079_B2_H02_T7C	
54331	ZM_079_B2_H02		ZM_079_B2_H02_MR
54332	ZM_079_B2_H03	ZM_079_B2_H03_T7C	
54333	ZM_079_B2_H04	ZM_079_B2_H04_T7C	
54334	ZM_079_B2_H06	ZM_079_B2_H06_T7C	
54335	ZM_079_B2_H10	ZM_079_B2_H10_T7C	
54336	ZM_079_B2_H10		ZM_079_B2_H10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54337	ZM_079_B2_H11	ZM_079_B2_H11_T7C	
54338	ZM_079_B2_H12	ZM_079_B2_H12_T7C	
54339	ZM_079_B2_H12		ZM_079_B2_H12_MR
54340	ZM_080_A1_A01		ZM_080_A1_A01_MR
54341	ZM_080_A1_A02		ZM_080_A1_A02_MR
54342	ZM_080_A1_A03		ZM_080_A1_A03_MR
54343	ZM_080_A1_A04		ZM_080_A1_A04_MR
54344	ZM_080_A1_A05		ZM_080_A1_A05_MR
54345	ZM_080_A1_A06		ZM_080_A1_A06_MR
54346	ZM_080_A1_A07		ZM_080_A1_A07_MR
54347	ZM_080_A1_A08		ZM_080_A1_A08_MR
54348	ZM_080_A1_A09		ZM_080_A1_A09_MR
54349	ZM_080_A1_A10		ZM_080_A1_A10_MR
54350	ZM_080_A1_A11		ZM_080_A1_A11_MR
54351	ZM_080_A1_A12		ZM_080_A1_A12_MR
54352	ZM_080_A1_B01		ZM_080_A1_B01_MR
54353	ZM_080_A1_B02		ZM_080_A1_B02_MR
54354	ZM_080_A1_B03		ZM_080_A1_B03_MR
54355	ZM_080_A1_B05		ZM_080_A1_B05_MR
54356	ZM_080_A1_B06		ZM_080_A1_B06_MR
54357	ZM_080_A1_B07		ZM_080_A1_B07_MR
54358	ZM_080_A1_B08		ZM_080_A1_B08_MR
54359	ZM_080_A1_B09		ZM_080_A1_B09_MR
54360	ZM_080_A1_B10		ZM_080_A1_B10_MR
54361	ZM_080_A1_B12		ZM_080_A1_B12_MR
54362	ZM_080_A1_C01		ZM_080_A1_C01_MR
54363	ZM_080_A1_C02		ZM_080_A1_C02_MR
54364	ZM_080_A1_C03		ZM_080_A1_C03_MR
54365	ZM_080_A1_C04		ZM_080_A1_C04_MR
54366	ZM_080_A1_C06		ZM_080_A1_C06_MR
54367	ZM_080_A1_C07		ZM_080_A1_C07_MR
54368	ZM_080_A1_C08		ZM_080_A1_C08_MR
54369	ZM_080_A1_C09		ZM_080_A1_C09_MR
54370	ZM_080_A1_C10		ZM_080_A1_C10_MR
54371	ZM_080_A1_C11		ZM_080_A1_C11_MR
54372	ZM_080_A1_C12		ZM_080_A1_C12_MR
54373	ZM_080_A1_D01		ZM_080_A1_D01_MR
54374	ZM_080_A1_D02		ZM_080_A1_D02_MR
54375	ZM_080_A1_D03		ZM_080_A1_D03_MR
54376	ZM_080_A1_D05		ZM_080_A1_D05_MR
54377	ZM_080_A1_D06		ZM_080_A1_D06_MR
54378	ZM_080_A1_D07		ZM_080_A1_D07_MR
54379	ZM_080_A1_D08		ZM_080_A1_D08_MR
54380	ZM_080_A1_D09		ZM_080_A1_D09_MR
54381	ZM_080_A1_D10		ZM_080_A1_D10_MR
54382	ZM_080_A1_D11		ZM_080_A1_D11_MR
54383	ZM_080_A1_D12		ZM_080_A1_D12_MR
54384	ZM_080_A1_E01		ZM_080_A1_E01_MR
54385	ZM_080_A1_E02		ZM_080_A1_E02_MR
54386	ZM_080_A1_E03		ZM_080_A1_E03_MR
54387	ZM_080_A1_E04		ZM_080_A1_E04_MR
54388	ZM_080_A1_E05		ZM_080_A1_E05_MR
54389	ZM_080_A1_E06		ZM_080_A1_E06_MR
54390	ZM_080_A1_E07		ZM_080_A1_E07_MR
54391	ZM_080_A1_E08		ZM_080_A1_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54392	ZM_080_A1_E09		ZM_080_A1_E09_MR
54393	ZM_080_A1_E10		ZM_080_A1_E10_MR
54394	ZM_080_A1_E11		ZM_080_A1_E11_MR
54395	ZM_080_A1_E12		ZM_080_A1_E12_MR
54396	ZM_080_A1_F01		ZM_080_A1_F01_MR
54397	ZM_080_A1_F02		ZM_080_A1_F02_MR
54398	ZM_080_A1_F03		ZM_080_A1_F03_MR
54399	ZM_080_A1_F04		ZM_080_A1_F04_MR
54400	ZM_080_A1_F05		ZM_080_A1_F05_MR
54401	ZM_080_A1_F06		ZM_080_A1_F06_MR
54402	ZM_080_A1_F07		ZM_080_A1_F07_MR
54403	ZM_080_A1_F08		ZM_080_A1_F08_MR
54404	ZM_080_A1_F09		ZM_080_A1_F09_MR
54405	ZM_080_A1_F10		ZM_080_A1_F10_MR
54406	ZM_080_A1_G01		ZM_080_A1_G01_MR
54407	ZM_080_A1_G02		ZM_080_A1_G02_MR
54408	ZM_080_A1_G03		ZM_080_A1_G03_MR
54409	ZM_080_A1_G04		ZM_080_A1_G04_MR
54410	ZM_080_A1_G05		ZM_080_A1_G05_MR
54411	ZM_080_A1_G06		ZM_080_A1_G06_MR
54412	ZM_080_A1_G07		ZM_080_A1_G07_MR
54413	ZM_080_A1_G08		ZM_080_A1_G08_MR
54414	ZM_080_A1_G09		ZM_080_A1_G09_MR
54415	ZM_080_A1_G10		ZM_080_A1_G10_MR
54416	ZM_080_A1_G11		ZM_080_A1_G11_MR
54417	ZM_080_A1_H01		ZM_080_A1_H01_MR
54418	ZM_080_A1_H02		ZM_080_A1_H02_MR
54419	ZM_080_A1_H03		ZM_080_A1_H03_MR
54420	ZM_080_A1_H04		ZM_080_A1_H04_MR
54421	ZM_080_A1_H05		ZM_080_A1_H05_MR
54422	ZM_080_A1_H06		ZM_080_A1_H06_MR
54423	ZM_080_A1_H07		ZM_080_A1_H07_MR
54424	ZM_080_A1_H08		ZM_080_A1_H08_MR
54425	ZM_080_A1_H09		ZM_080_A1_H09_MR
54426	ZM_080_A1_H10		ZM_080_A1_H10_MR
54427	ZM_080_A1_H11		ZM_080_A1_H11_MR
54428	ZM_080_A1_H12		ZM_080_A1_H12_MR
54429	ZM_080_A2_A01	ZM_080_A2_A01_T7	ZM_080_A2_A01_MR
54430	ZM_080_A2_A01		
54431	ZM_080_A2_A02	ZM_080_A2_A02_T7	ZM_080_A2_A02_MR
54432	ZM_080_A2_A02		
54433	ZM_080_A2_A03	ZM_080_A2_A03_T7	ZM_080_A2_A03_MR
54434	ZM_080_A2_A03		
54435	ZM_080_A2_A04	ZM_080_A2_A04_T7	ZM_080_A2_A04_MR
54436	ZM_080_A2_A04		
54437	ZM_080_A2_A05	ZM_080_A2_A05_T7	ZM_080_A2_A05_MR
54438	ZM_080_A2_A05		
54439	ZM_080_A2_A06	ZM_080_A2_A06_T7	ZM_080_A2_A06_MR
54440	ZM_080_A2_A06		
54441	ZM_080_A2_A07	ZM_080_A2_A07_T7	ZM_080_A2_A07_MR
54442	ZM_080_A2_A07		
54443	ZM_080_A2_A08	ZM_080_A2_A08_T7	ZM_080_A2_A08_MR
54444	ZM_080_A2_A08		
54445	ZM_080_A2_A09	ZM_080_A2_A09_T7	ZM_080_A2_A09_MR
54446	ZM_080_A2_A09		



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54447	ZM_080_A2_A10	ZM_080_A2_A10_T7	ZM_080_A2_A10_MR
54448	ZM_080_A2_A10		
54449	ZM_080_A2_A11	ZM_080_A2_A11_T7	ZM_080_A2_A11_MR
54450	ZM_080_A2_A11		
54451	ZM_080_A2_A12	ZM_080_A2_A12_T7	ZM_080_A2_A12_MR
54452	ZM_080_A2_A12		
54453	ZM_080_A2_B01	ZM_080_A2_B01_T7	ZM_080_A2_B01_MR
54454	ZM_080_A2_B01		
54455	ZM_080_A2_B02	ZM_080_A2_B02_T7	ZM_080_A2_B02_MR
54456	ZM_080_A2_B02		
54457	ZM_080_A2_B03	ZM_080_A2_B03_T7	ZM_080_A2_B03_MR
54458	ZM_080_A2_B03		
54459	ZM_080_A2_B04	ZM_080_A2_B04_T7	ZM_080_A2_B04_MR
54460	ZM_080_A2_B04		
54461	ZM_080_A2_B05	ZM_080_A2_B05_T7	ZM_080_A2_B05_MR
54462	ZM_080_A2_B05		
54463	ZM_080_A2_B06	ZM_080_A2_B06_T7	ZM_080_A2_B06_MR
54464	ZM_080_A2_B06		
54465	ZM_080_A2_B08	ZM_080_A2_B08_T7	ZM_080_A2_B08_MR
54466	ZM_080_A2_B08		
54467	ZM_080_A2_B09	ZM_080_A2_B09_T7	ZM_080_A2_B09_MR
54468	ZM_080_A2_B09		
54469	ZM_080_A2_B10	ZM_080_A2_B10_T7	ZM_080_A2_B10_MR
54470	ZM_080_A2_B10		
54471	ZM_080_A2_B12	ZM_080_A2_B12_T7	ZM_080_A2_B12_MR
54472	ZM_080_A2_B12		
54473	ZM_080_A2_C01	ZM_080_A2_C01_T7	ZM_080_A2_C01_MR
54474	ZM_080_A2_C01		
54475	ZM_080_A2_C02	ZM_080_A2_C02_T7	ZM_080_A2_C02_MR
54476	ZM_080_A2_C02		ZM_080_A2_C03_MR
54477	ZM_080_A2_C03		
54478	ZM_080_A2_C04	ZM_080_A2_C04_T7	ZM_080_A2_C04_MR
54479	ZM_080_A2_C04		
54480	ZM_080_A2_C05	ZM_080_A2_C05_T7	ZM_080_A2_C05_MR
54481	ZM_080_A2_C05		
54482	ZM_080_A2_C06	ZM_080_A2_C06_T7	ZM_080_A2_C06_MR
54483	ZM_080_A2_C06		
54484	ZM_080_A2_C07	ZM_080_A2_C07_T7	ZM_080_A2_C07_MR
54485	ZM_080_A2_C07		
54486	ZM_080_A2_C08	ZM_080_A2_C08_T7	ZM_080_A2_C08_MR
54487	ZM_080_A2_C08		
54488	ZM_080_A2_C09	ZM_080_A2_C09_T7	ZM_080_A2_C09_MR
54489	ZM_080_A2_C09		
54490	ZM_080_A2_C10	ZM_080_A2_C10_T7	ZM_080_A2_C10_MR
54491	ZM_080_A2_C10		
54492	ZM_080_A2_C11	ZM_080_A2_C11_T7	ZM_080_A2_C11_MR
54493	ZM_080_A2_C11		
54494	ZM_080_A2_C12	ZM_080_A2_C12_T7	ZM_080_A2_C12_MR
54495	ZM_080_A2_C12		
54496	ZM_080_A2_D01	ZM_080_A2_D01_T7	ZM_080_A2_D01_MR
54497	ZM_080_A2_D01		
54498	ZM_080_A2_D02	ZM_080_A2_D02_T7	ZM_080_A2_D02_MR
54499	ZM_080_A2_D02		
54500	ZM_080_A2_D03	ZM_080_A2_D03_T7	ZM_080_A2_D03_MR
54501	ZM_080_A2_D03		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54502	ZM_080_A2_D04	ZM_080_A2_D04_T7	ZM_080_A2_D04_MR
54503	ZM_080_A2_D04		
54504	ZM_080_A2_D05	ZM_080_A2_D05_T7	ZM_080_A2_D05_MR
54505	ZM_080_A2_D05		
54506	ZM_080_A2_D06	ZM_080_A2_D06_T7	ZM_080_A2_D06_MR
54507	ZM_080_A2_D06		
54508	ZM_080_A2_D07	ZM_080_A2_D07_T7	ZM_080_A2_D07_MR
54509	ZM_080_A2_D07		
54510	ZM_080_A2_D08	ZM_080_A2_D08_T7	ZM_080_A2_D08_MR
54511	ZM_080_A2_D08		
54512	ZM_080_A2_D09	ZM_080_A2_D09_T7	ZM_080_A2_D09_MR
54513	ZM_080_A2_D09		
54514	ZM_080_A2_D10	ZM_080_A2_D10_T7	ZM_080_A2_D10_MR
54515	ZM_080_A2_D10		
54516	ZM_080_A2_D11	ZM_080_A2_D11_T7	ZM_080_A2_D11_MR
54517	ZM_080_A2_D11		
54518	ZM_080_A2_D12	ZM_080_A2_D12_T7	ZM_080_A2_D12_MR
54519	ZM_080_A2_D12		
54520	ZM_080_A2_E01	ZM_080_A2_E01_T7	ZM_080_A2_E01_MR
54521	ZM_080_A2_E01		
54522	ZM_080_A2_E02	ZM_080_A2_E02_T7	ZM_080_A2_E02_MR
54523	ZM_080_A2_E02		
54524	ZM_080_A2_E03	ZM_080_A2_E03_T7	ZM_080_A2_E03_MR
54525	ZM_080_A2_E03		
54526	ZM_080_A2_E04	ZM_080_A2_E04_T7	ZM_080_A2_E04_MR
54527	ZM_080_A2_E04		
54528	ZM_080_A2_E05	ZM_080_A2_E05_T7	ZM_080_A2_E05_MR
54529	ZM_080_A2_E05		
54530	ZM_080_A2_E06	ZM_080_A2_E06_T7	ZM_080_A2_E06_MR
54531	ZM_080_A2_E06		
54532	ZM_080_A2_E07	ZM_080_A2_E07_T7	ZM_080_A2_E07_MR
54533	ZM_080_A2_E07		
54534	ZM_080_A2_E08	ZM_080_A2_E08_T7	ZM_080_A2_E08_MR
54535	ZM_080_A2_E08		
54536	ZM_080_A2_E09	ZM_080_A2_E09_T7	ZM_080_A2_E09_MR
54537	ZM_080_A2_E09		
54538	ZM_080_A2_E10	ZM_080_A2_E10_T7	ZM_080_A2_E10_MR
54539	ZM_080_A2_E10		
54540	ZM_080_A2_E11	ZM_080_A2_E11_T7	ZM_080_A2_E11_MR
54541	ZM_080_A2_E11		
54542	ZM_080_A2_E12	ZM_080_A2_E12_T7	ZM_080_A2_E12_MR
54543	ZM_080_A2_E12		
54544	ZM_080_A2_F01	ZM_080_A2_F01_T7	ZM_080_A2_F01_MR
54545	ZM_080_A2_F01		
54546	ZM_080_A2_F02	ZM_080_A2_F02_T7	ZM_080_A2_F02_MR
54547	ZM_080_A2_F02		
54548	ZM_080_A2_F03	ZM_080_A2_F03_T7	ZM_080_A2_F03_MR
54549	ZM_080_A2_F03		
54550	ZM_080_A2_F04	ZM_080_A2_F04_T7	ZM_080_A2_F04_MR
54551	ZM_080_A2_F04		
54552	ZM_080_A2_F05	ZM_080_A2_F05_T7	ZM_080_A2_F05_MR
54553	ZM_080_A2_F05		
54554	ZM_080_A2_F06	ZM_080_A2_F06_T7	ZM_080_A2_F06_MR
54555	ZM_080_A2_F06		
54556	ZM_080_A2_F07	ZM_080_A2_F07_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54557	ZM_080_A2_F07		ZM_080_A2_F07_MR
54558	ZM_080_A2_F08	ZM_080_A2_F08_T7	
54559	ZM_080_A2_F08		ZM_080_A2_F08_MR
54560	ZM_080_A2_F09	ZM_080_A2_F09_T7	
54561	ZM_080_A2_F09		ZM_080_A2_F09_MR
54562	ZM_080_A2_F10	ZM_080_A2_F10_T7	
54563	ZM_080_A2_F10		ZM_080_A2_F10_MR
54564	ZM_080_A2_F11	ZM_080_A2_F11_T7	
54565	ZM_080_A2_F11		ZM_080_A2_F11_MR
54566	ZM_080_A2_F12	ZM_080_A2_F12_T7	
54567	ZM_080_A2_F12		ZM_080_A2_F12_MR
54568	ZM_080_A2_G01	ZM_080_A2_G01_T7	
54569	ZM_080_A2_G01		ZM_080_A2_G01_MR
54570	ZM_080_A2_G02	ZM_080_A2_G02_T7	
54571	ZM_080_A2_G02		ZM_080_A2_G02_MR
54572	ZM_080_A2_G03	ZM_080_A2_G03_T7	
54573	ZM_080_A2_G03		ZM_080_A2_G03_MR
54574	ZM_080_A2_G04	ZM_080_A2_G04_T7	
54575	ZM_080_A2_G04		ZM_080_A2_G04_MR
54576	ZM_080_A2_G05	ZM_080_A2_G05_T7	
54577	ZM_080_A2_G05		ZM_080_A2_G05_MR
54578	ZM_080_A2_G06	ZM_080_A2_G06_T7	
54579	ZM_080_A2_G06		ZM_080_A2_G06_MR
54580	ZM_080_A2_G07	ZM_080_A2_G07_T7	
54581	ZM_080_A2_G07		ZM_080_A2_G07_MR
54582	ZM_080_A2_G08	ZM_080_A2_G08_T7	
54583	ZM_080_A2_G08		ZM_080_A2_G08_MR
54584	ZM_080_A2_G09	ZM_080_A2_G09_T7	
54585	ZM_080_A2_G09		ZM_080_A2_G09_MR
54586	ZM_080_A2_G10	ZM_080_A2_G10_T7	
54587	ZM_080_A2_G10		ZM_080_A2_G10_MR
54588	ZM_080_A2_G12	ZM_080_A2_G12_T7	
54589	ZM_080_A2_G12		ZM_080_A2_G12_MR
54590	ZM_080_A2_H01	ZM_080_A2_H01_T7	
54591	ZM_080_A2_H01		ZM_080_A2_H01_MR
54592	ZM_080_A2_H02	ZM_080_A2_H02_T7	
54593	ZM_080_A2_H02		ZM_080_A2_H02_MR
54594	ZM_080_A2_H03	ZM_080_A2_H03_T7	
54595	ZM_080_A2_H03		ZM_080_A2_H03_MR
54596	ZM_080_A2_H04	ZM_080_A2_H04_T7	
54597	ZM_080_A2_H04		ZM_080_A2_H04_MR
54598	ZM_080_A2_H05	ZM_080_A2_H05_T7	
54599	ZM_080_A2_H05		ZM_080_A2_H05_MR
54600	ZM_080_A2_H06	ZM_080_A2_H06_T7	
54601	ZM_080_A2_H06		ZM_080_A2_H06_MR
54602	ZM_080_A2_H07	ZM_080_A2_H07_T7	
54603	ZM_080_A2_H07		ZM_080_A2_H07_MR
54604	ZM_080_A2_H08	ZM_080_A2_H08_T7	
54605	ZM_080_A2_H08		ZM_080_A2_H08_MR
54606	ZM_080_A2_H09	ZM_080_A2_H09_T7	
54607	ZM_080_A2_H09		ZM_080_A2_H09_MR
54608	ZM_080_A2_H10	ZM_080_A2_H10_T7	
54609	ZM_080_A2_H10		ZM_080_A2_H10_MR
54610	ZM_080_A2_H11	ZM_080_A2_H11_T7	
54611	ZM_080_A2_H11		ZM_080_A2_H11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54612	ZM_080_A2_H12	ZM_080_A2_H12_T7	
54613	ZM_080_A2_H12		ZM_080_A2_H12_MR
54614	ZM_080_B1_A01	ZM_080_B1_A01_T7C	
54615	ZM_080_B1_A04	ZM_080_B1_A04_T7C	
54616	ZM_080_B1_A07	ZM_080_B1_A07_T7C	
54617	ZM_080_B1_A08	ZM_080_B1_A08_T7C	
54618	ZM_080_B1_A09	ZM_080_B1_A09_T7C	
54619	ZM_080_B1_A10	ZM_080_B1_A10_T7C	
54620	ZM_080_B1_A11	ZM_080_B1_A11_T7C	
54621	ZM_080_B1_B01	ZM_080_B1_B01_T7C	
54622	ZM_080_B1_B03	ZM_080_B1_B03_T7C	
54623	ZM_080_B1_B04	ZM_080_B1_B04_T7C	
54624	ZM_080_B1_B05	ZM_080_B1_B05_T7C	
54625	ZM_080_B1_B07	ZM_080_B1_B07_T7C	
54626	ZM_080_B1_B08	ZM_080_B1_B08_T7C	
54627	ZM_080_B1_B10	ZM_080_B1_B10_T7C	
54628	ZM_080_B1_B11	ZM_080_B1_B11_T7C	
54629	ZM_080_B1_B12	ZM_080_B1_B12_T7C	
54630	ZM_080_B1_C01	ZM_080_B1_C01_T7C	
54631	ZM_080_B1_C04	ZM_080_B1_C04_T7C	
54632	ZM_080_B1_C09	ZM_080_B1_C09_T7C	
54633	ZM_080_B1_C11	ZM_080_B1_C11_T7C	
54634	ZM_080_B1_D01	ZM_080_B1_D01_T7C	
54635	ZM_080_B1_D02	ZM_080_B1_D02_T7C	
54636	ZM_080_B1_D03	ZM_080_B1_D03_T7C	
54637	ZM_080_B1_D04	ZM_080_B1_D04_T7C	
54638	ZM_080_B1_D05	ZM_080_B1_D05_T7C	
54639	ZM_080_B1_D08	ZM_080_B1_D08_T7C	
54640	ZM_080_B1_D09	ZM_080_B1_D09_T7C	
54641	ZM_080_B1_D11	ZM_080_B1_D11_T7C	
54642	ZM_080_B1_D12	ZM_080_B1_D12_T7C	
54643	ZM_080_B1_E01	ZM_080_B1_E01_T7C	
54644	ZM_080_B1_E02	ZM_080_B1_E02_T7C	
54645	ZM_080_B1_E03	ZM_080_B1_E03_T7C	
54646	ZM_080_B1_E04	ZM_080_B1_E04_T7C	
54647	ZM_080_B1_E07	ZM_080_B1_E07_T7C	
54648	ZM_080_B1_E09	ZM_080_B1_E09_T7C	
54649	ZM_080_B1_E10	ZM_080_B1_E10_T7C	
54650	ZM_080_B1_E11	ZM_080_B1_E11_T7C	
54651	ZM_080_B1_E12	ZM_080_B1_E12_T7C	
54652	ZM_080_B1_F01	ZM_080_B1_F01_T7C	
54653	ZM_080_B1_F03	ZM_080_B1_F03_T7C	
54654	ZM_080_B1_F04	ZM_080_B1_F04_T7C	
54655	ZM_080_B1_F06	ZM_080_B1_F06_T7C	
54656	ZM_080_B1_F07	ZM_080_B1_F07_T7C	
54657	ZM_080_B1_F08	ZM_080_B1_F08_T7C	
54658	ZM_080_B1_F09	ZM_080_B1_F09_T7C	
54659	ZM_080_B1_F10	ZM_080_B1_F10_T7C	
54660	ZM_080_B1_F11	ZM_080_B1_F11_T7C	
54661	ZM_080_B1_F12	ZM_080_B1_F12_T7C	
54662	ZM_080_B1_G01	ZM_080_B1_G01_T7C	
54663	ZM_080_B1_G02	ZM_080_B1_G02_T7C	
54664	ZM_080_B1_G03	ZM_080_B1_G03_T7C	
54665	ZM_080_B1_G04	ZM_080_B1_G04_T7C	
54666	ZM_080_B1_G07	ZM_080_B1_G07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54667	ZM_080_B1_G08	ZM_080_B1_G08_T7C	
54668	ZM_080_B1_G10	ZM_080_B1_G10_T7C	
54669	ZM_080_B1_G11	ZM_080_B1_G11_T7C	
54670	ZM_080_B1_G12	ZM_080_B1_G12_T7C	
54671	ZM_080_B1_H01	ZM_080_B1_H01_T7C	
54672	ZM_080_B1_H02	ZM_080_B1_H02_T7C	
54673	ZM_080_B1_H03	ZM_080_B1_H03_T7C	
54674	ZM_080_B1_H04	ZM_080_B1_H04_T7C	
54675	ZM_080_B1_H05	ZM_080_B1_H05_T7C	
54676	ZM_080_B1_H07	ZM_080_B1_H07_T7C	
54677	ZM_080_B1_H08	ZM_080_B1_H08_T7C	
54678	ZM_080_B1_H09	ZM_080_B1_H09_T7C	
54679	ZM_080_B1_H10	ZM_080_B1_H10_T7C	
54680	ZM_080_B1_H11	ZM_080_B1_H11_T7C	
54681	ZM_080_B1_H12	ZM_080_B1_H12_T7C	
54682	ZM_080_B2_A01	ZM_080_B2_A01_T7C	
54683	ZM_080_B2_A02	ZM_080_B2_A02_T7C	
54684	ZM_080_B2_A04	ZM_080_B2_A04_T7C	
54685	ZM_080_B2_A05	ZM_080_B2_A05_T7C	
54686	ZM_080_B2_A06	ZM_080_B2_A06_T7C	
54687	ZM_080_B2_A07	ZM_080_B2_A07_T7C	
54688	ZM_080_B2_A08	ZM_080_B2_A08_T7C	
54689	ZM_080_B2_A09	ZM_080_B2_A09_T7C	
54690	ZM_080_B2_A11	ZM_080_B2_A11_T7C	
54691	ZM_080_B2_B01	ZM_080_B2_B01_T7C	
54692	ZM_080_B2_B02	ZM_080_B2_B02_T7C	
54693	ZM_080_B2_B04	ZM_080_B2_B04_T7C	
54694	ZM_080_B2_B05	ZM_080_B2_B05_T7C	
54695	ZM_080_B2_B06	ZM_080_B2_B06_T7C	
54696	ZM_080_B2_B07	ZM_080_B2_B07_T7C	
54697	ZM_080_B2_B08	ZM_080_B2_B08_T7C	
54698	ZM_080_B2_B09	ZM_080_B2_B09_T7C	
54699	ZM_080_B2_C02	ZM_080_B2_C02_T7C	
54700	ZM_080_B2_C07	ZM_080_B2_C07_T7C	
54701	ZM_080_B2_C08	ZM_080_B2_C08_T7C	
54702	ZM_080_B2_C09	ZM_080_B2_C09_T7C	
54703	ZM_080_B2_D02	ZM_080_B2_D02_T7C	
54704	ZM_080_B2_D03	ZM_080_B2_D03_T7C	
54705	ZM_080_B2_D04	ZM_080_B2_D04_T7C	
54706	ZM_080_B2_D05	ZM_080_B2_D05_T7C	
54707	ZM_080_B2_D06	ZM_080_B2_D06_T7C	
54708	ZM_080_B2_D07	ZM_080_B2_D07_T7C	
54709	ZM_080_B2_D08	ZM_080_B2_D08_T7C	
54710	ZM_080_B2_D09	ZM_080_B2_D09_T7C	
54711	ZM_080_B2_E01	ZM_080_B2_E01_T7C	
54712	ZM_080_B2_E02	ZM_080_B2_E02_T7C	
54713	ZM_080_B2_E04	ZM_080_B2_E04_T7C	
54714	ZM_080_B2_E06	ZM_080_B2_E06_T7C	
54715	ZM_080_B2_E07	ZM_080_B2_E07_T7C	
54716	ZM_080_B2_E09	ZM_080_B2_E09_T7C	
54717	ZM_080_B2_E11	ZM_080_B2_E11_T7C	
54718	ZM_080_B2_E12	ZM_080_B2_E12_T7C	
54719	ZM_080_B2_F01	ZM_080_B2_F01_T7C	
54720	ZM_080_B2_F03	ZM_080_B2_F03_T7C	
54721	ZM_080_B2_F04	ZM_080_B2_F04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54722	ZM_080_B2_F09	ZM_080_B2_F09_T7C	
54723	ZM_080_B2_F10	ZM_080_B2_F10_T7C	
54724	ZM_080_B2_F12	ZM_080_B2_F12_T7C	
54725	ZM_080_B2_G01	ZM_080_B2_G01_T7C	
54726	ZM_080_B2_G04	ZM_080_B2_G04_T7C	
54727	ZM_080_B2_G05	ZM_080_B2_G05_T7C	
54728	ZM_080_B2_G07	ZM_080_B2_G07_T7C	
54729	ZM_080_B2_G09	ZM_080_B2_G09_T7C	
54730	ZM_080_B2_G11	ZM_080_B2_G11_T7C	
54731	ZM_080_B2_G12	ZM_080_B2_G12_T7C	
54732	ZM_080_B2_H01	ZM_080_B2_H01_T7C	
54733	ZM_080_B2_H02	ZM_080_B2_H02_T7C	
54734	ZM_080_B2_H03	ZM_080_B2_H03_T7C	
54735	ZM_080_B2_H04	ZM_080_B2_H04_T7C	
54736	ZM_080_B2_H05	ZM_080_B2_H05_T7C	
54737	ZM_080_B2_H06	ZM_080_B2_H06_T7C	
54738	ZM_080_B2_H07	ZM_080_B2_H07_T7C	
54739	ZM_080_B2_H09	ZM_080_B2_H09_T7C	
54740	ZM_080_B2_H12	ZM_080_B2_H12_T7C	
54741	ZM_081_A1_A01	ZM_081_A1_A01_T7	
54742	ZM_081_A1_A01		ZM_081_A1_A01_MR
54743	ZM_081_A1_A03		ZM_081_A1_A03_MR
54744	ZM_081_A1_A05		ZM_081_A1_A05_MR
54745	ZM_081_A1_A07		ZM_081_A1_A07_MR
54746	ZM_081_A1_A10		ZM_081_A1_A10_MR
54747	ZM_081_A1_A11		ZM_081_A1_A11_MR
54748	ZM_081_A1_A12		ZM_081_A1_A12_MR
54749	ZM_081_A1_B04		ZM_081_A1_B04_MR
54750	ZM_081_A1_B05		ZM_081_A1_B05_MR
54751	ZM_081_A1_B06		ZM_081_A1_B06_MR
54752	ZM_081_A1_B07		ZM_081_A1_B07_MR
54753	ZM_081_A1_B08		ZM_081_A1_B08_MR
54754	ZM_081_A1_B09		ZM_081_A1_B09_MR
54755	ZM_081_A1_B10		ZM_081_A1_B10_MR
54756	ZM_081_A1_B11		ZM_081_A1_B11_MR
54757	ZM_081_A1_B12		ZM_081_A1_B12_MR
54758	ZM_081_A1_C01	ZM_081_A1_C01_T7	
54759	ZM_081_A1_C01		ZM_081_A1_C01_MR
54760	ZM_081_A1_C03		ZM_081_A1_C03_MR
54761	ZM_081_A1_C04		ZM_081_A1_C04_MR
54762	ZM_081_A1_C05	ZM_081_A1_C05_T7	
54763	ZM_081_A1_C05		ZM_081_A1_C05_MR
54764	ZM_081_A1_C06		ZM_081_A1_C06_MR
54765	ZM_081_A1_C07		ZM_081_A1_C07_MR
54766	ZM_081_A1_C08		ZM_081_A1_C08_MR
54767	ZM_081_A1_C09		ZM_081_A1_C09_MR
54768	ZM_081_A1_C10	ZM_081_A1_C10_T7	
54769	ZM_081_A1_C10		ZM_081_A1_C10_MR
54770	ZM_081_A1_C11	ZM_081_A1_C11_T7	
54771	ZM_081_A1_C12		ZM_081_A1_C12_MR
54772	ZM_081_A1_D01		ZM_081_A1_D01_MR
54773	ZM_081_A1_D02		ZM_081_A1_D02_MR
54774	ZM_081_A1_D05		ZM_081_A1_D05_MR
54775	ZM_081_A1_D06		ZM_081_A1_D06_MR
54776	ZM_081_A1_D07		ZM_081_A1_D07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54777	ZM_081_A1_D08		ZM_081_A1_D08_MR
54778	ZM_081_A1_D10		ZM_081_A1_D10_MR
54779	ZM_081_A1_D11	ZM_081_A1_D11_T7	
54780	ZM_081_A1_D11		ZM_081_A1_D11_MR
54781	ZM_081_A1_D12		ZM_081_A1_D12_MR
54782	ZM_081_A1_E01	ZM_081_A1_E01_T7	
54783	ZM_081_A1_E01		ZM_081_A1_E01_MR
54784	ZM_081_A1_E03		ZM_081_A1_E03_MR
54785	ZM_081_A1_E05		ZM_081_A1_E05_MR
54786	ZM_081_A1_E07		ZM_081_A1_E07_MR
54787	ZM_081_A1_E10		ZM_081_A1_E10_MR
54788	ZM_081_A1_F04		ZM_081_A1_F04_MR
54789	ZM_081_A1_F05		ZM_081_A1_F05_MR
54790	ZM_081_A1_F06	ZM_081_A1_F06_T7	
54791	ZM_081_A1_F06		ZM_081_A1_F06_MR
54792	ZM_081_A1_F07		ZM_081_A1_F07_MR
54793	ZM_081_A1_F08		ZM_081_A1_F08_MR
54794	ZM_081_A1_F10		ZM_081_A1_F10_MR
54795	ZM_081_A1_F11		ZM_081_A1_F11_MR
54796	ZM_081_A1_F12		ZM_081_A1_F12_MR
54797	ZM_081_A1_G01		ZM_081_A1_G01_MR
54798	ZM_081_A1_G02		ZM_081_A1_G02_MR
54799	ZM_081_A1_G03		ZM_081_A1_G03_MR
54800	ZM_081_A1_G04		ZM_081_A1_G04_MR
54801	ZM_081_A1_G05		ZM_081_A1_G05_MR
54802	ZM_081_A1_G08		ZM_081_A1_G08_MR
54803	ZM_081_A1_G09		ZM_081_A1_G09_MR
54804	ZM_081_A1_G10		ZM_081_A1_G10_MR
54805	ZM_081_A1_G12		ZM_081_A1_G12_MR
54806	ZM_081_A1_H03		ZM_081_A1_H03_MR
54807	ZM_081_A1_H04		ZM_081_A1_H04_MR
54808	ZM_081_A1_H05		ZM_081_A1_H05_MR
54809	ZM_081_A1_H07		ZM_081_A1_H07_MR
54810	ZM_081_A1_H08		ZM_081_A1_H08_MR
54811	ZM_081_A1_H09		ZM_081_A1_H09_MR
54812	ZM_081_A1_H11		ZM_081_A1_H11_MR
54813	ZM_081_A1_H12		ZM_081_A1_H12_MR
54814	ZM_081_A2_A01		ZM_081_A2_A01_MR
54815	ZM_081_A2_A02		ZM_081_A2_A02_MR
54816	ZM_081_A2_A03		ZM_081_A2_A03_MR
54817	ZM_081_A2_A04		ZM_081_A2_A04_MR
54818	ZM_081_A2_A05		ZM_081_A2_A05_MR
54819	ZM_081_A2_A07		ZM_081_A2_A07_MR
54820	ZM_081_A2_A08		ZM_081_A2_A08_MR
54821	ZM_081_A2_A09		ZM_081_A2_A09_MR
54822	ZM_081_A2_A10		ZM_081_A2_A10_MR
54823	ZM_081_A2_A11		ZM_081_A2_A11_MR
54824	ZM_081_A2_A12		ZM_081_A2_A12_MR
54825	ZM_081_A2_B01		ZM_081_A2_B01_MR
54826	ZM_081_A2_B02		ZM_081_A2_B02_MR
54827	ZM_081_A2_B03		ZM_081_A2_B03_MR
54828	ZM_081_A2_B04		ZM_081_A2_B04_MR
54829	ZM_081_A2_B05		ZM_081_A2_B05_MR
54830	ZM_081_A2_B06		ZM_081_A2_B06_MR
54831	ZM_081_A2_B07		ZM_081_A2_B07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54832	ZM_081_A2_B08		ZM_081_A2_B08_MR
54833	ZM_081_A2_B09		ZM_081_A2_B09_MR
54834	ZM_081_A2_B10		ZM_081_A2_B10_MR
54835	ZM_081_A2_B11		ZM_081_A2_B11_MR
54836	ZM_081_A2_B12		ZM_081_A2_B12_MR
54837	ZM_081_A2_C01		ZM_081_A2_C01_MR
54838	ZM_081_A2_C03		ZM_081_A2_C03_MR
54839	ZM_081_A2_C04		ZM_081_A2_C04_MR
54840	ZM_081_A2_C06		ZM_081_A2_C06_MR
54841	ZM_081_A2_C07		ZM_081_A2_C07_MR
54842	ZM_081_A2_C09		ZM_081_A2_C09_MR
54843	ZM_081_A2_C10		ZM_081_A2_C10_MR
54844	ZM_081_A2_C11		ZM_081_A2_C11_MR
54845	ZM_081_A2_C12		ZM_081_A2_C12_MR
54846	ZM_081_A2_D01		ZM_081_A2_D01_MR
54847	ZM_081_A2_D02		ZM_081_A2_D02_MR
54848	ZM_081_A2_D03		ZM_081_A2_D03_MR
54849	ZM_081_A2_D04		ZM_081_A2_D04_MR
54850	ZM_081_A2_D05		ZM_081_A2_D05_MR
54851	ZM_081_A2_D06		ZM_081_A2_D06_MR
54852	ZM_081_A2_D07		ZM_081_A2_D07_MR
54853	ZM_081_A2_D08		ZM_081_A2_D08_MR
54854	ZM_081_A2_D09		ZM_081_A2_D09_MR
54855	ZM_081_A2_D11		ZM_081_A2_D11_MR
54856	ZM_081_A2_D12		ZM_081_A2_D12_MR
54857	ZM_081_A2_E01		ZM_081_A2_E01_MR
54858	ZM_081_A2_E02		ZM_081_A2_E02_MR
54859	ZM_081_A2_E03		ZM_081_A2_E03_MR
54860	ZM_081_A2_E05		ZM_081_A2_E05_MR
54861	ZM_081_A2_E06		ZM_081_A2_E06_MR
54862	ZM_081_A2_E07		ZM_081_A2_E07_MR
54863	ZM_081_A2_E08		ZM_081_A2_E08_MR
54864	ZM_081_A2_E09		ZM_081_A2_E09_MR
54865	ZM_081_A2_E10		ZM_081_A2_E10_MR
54866	ZM_081_A2_E11		ZM_081_A2_E11_MR
54867	ZM_081_A2_E12		ZM_081_A2_E12_MR
54868	ZM_081_A2_F01		ZM_081_A2_F01_MR
54869	ZM_081_A2_F02		ZM_081_A2_F02_MR
54870	ZM_081_A2_F03		ZM_081_A2_F03_MR
54871	ZM_081_A2_F04		ZM_081_A2_F04_MR
54872	ZM_081_A2_F06		ZM_081_A2_F06_MR
54873	ZM_081_A2_F07		ZM_081_A2_F07_MR
54874	ZM_081_A2_F08		ZM_081_A2_F08_MR
54875	ZM_081_A2_F09		ZM_081_A2_F09_MR
54876	ZM_081_A2_F11		ZM_081_A2_F11_MR
54877	ZM_081_A2_F12		ZM_081_A2_F12_MR
54878	ZM_081_A2_G01		ZM_081_A2_G01_MR
54879	ZM_081_A2_G02		ZM_081_A2_G02_MR
54880	ZM_081_A2_G03		ZM_081_A2_G03_MR
54881	ZM_081_A2_G04		ZM_081_A2_G04_MR
54882	ZM_081_A2_G05		ZM_081_A2_G05_MR
54883	ZM_081_A2_G06		ZM_081_A2_G06_MR
54884	ZM_081_A2_G07		ZM_081_A2_G07_MR
54885	ZM_081_A2_G08		ZM_081_A2_G08_MR
54886	ZM_081_A2_G09		ZM_081_A2_G09_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54887	ZM_081_A2_G10		ZM_081_A2_G10_MR
54888	ZM_081_A2_G11		ZM_081_A2_G11_MR
54889	ZM_081_A2_G12		ZM_081_A2_G12_MR
54890	ZM_081_A2_H01		ZM_081_A2_H01_MR
54891	ZM_081_A2_H02		ZM_081_A2_H02_MR
54892	ZM_081_A2_H03		ZM_081_A2_H03_MR
54893	ZM_081_A2_H04		ZM_081_A2_H04_MR
54894	ZM_081_A2_H05		ZM_081_A2_H05_MR
54895	ZM_081_A2_H06		ZM_081_A2_H06_MR
54896	ZM_081_A2_H07		ZM_081_A2_H07_MR
54897	ZM_081_A2_H08		ZM_081_A2_H08_MR
54898	ZM_081_A2_H09		ZM_081_A2_H09_MR
54899	ZM_081_A2_H10		ZM_081_A2_H10_MR
54900	ZM_081_A2_H11		ZM_081_A2_H11_MR
54901	ZM_081_A2_H12		ZM_081_A2_H12_MR
54902	ZM_081_B1_A01	ZM_081_B1_A01_T7C	
54903	ZM_081_B1_A01		ZM_081_B1_A01_MR
54904	ZM_081_B1_A02	ZM_081_B1_A02_T7C	
54905	ZM_081_B1_A04	ZM_081_B1_A04_T7C	
54906	ZM_081_B1_A04		ZM_081_B1_A04_MR
54907	ZM_081_B1_A05	ZM_081_B1_A05_T7C	
54908	ZM_081_B1_A07	ZM_081_B1_A07_T7C	
54909	ZM_081_B1_A07		ZM_081_B1_A07_MR
54910	ZM_081_B1_A08	ZM_081_B1_A08_T7C	
54911	ZM_081_B1_A08		ZM_081_B1_A08_MR
54912	ZM_081_B1_A09	ZM_081_B1_A09_T7C	
54913	ZM_081_B1_A09		ZM_081_B1_A09_MR
54914	ZM_081_B1_A10	ZM_081_B1_A10_T7C	
54915	ZM_081_B1_A10		ZM_081_B1_A10_MR
54916	ZM_081_B1_A11	ZM_081_B1_A11_T7C	
54917	ZM_081_B1_A11		ZM_081_B1_A11_MR
54918	ZM_081_B1_A12	ZM_081_B1_A12_T7C	
54919	ZM_081_B1_A12		ZM_081_B1_A12_MR
54920	ZM_081_B1_B01	ZM_081_B1_B01_T7C	
54921	ZM_081_B1_B01		ZM_081_B1_B01_MR
54922	ZM_081_B1_B02	ZM_081_B1_B02_T7C	
54923	ZM_081_B1_B02		ZM_081_B1_B02_MR
54924	ZM_081_B1_B03		ZM_081_B1_B03_MR
54925	ZM_081_B1_B04		ZM_081_B1_B04_MR
54926	ZM_081_B1_B06	ZM_081_B1_B06_T7C	
54927	ZM_081_B1_B07	ZM_081_B1_B07_T7C	
54928	ZM_081_B1_B07		ZM_081_B1_B07_MR
54929	ZM_081_B1_B08	ZM_081_B1_B08_T7C	
54930	ZM_081_B1_B08		ZM_081_B1_B08_MR
54931	ZM_081_B1_B09	ZM_081_B1_B09_T7C	
54932	ZM_081_B1_B10	ZM_081_B1_B10_T7C	
54933	ZM_081_B1_B10		ZM_081_B1_B10_MR
54934	ZM_081_B1_B11	ZM_081_B1_B11_T7C	
54935	ZM_081_B1_B11		ZM_081_B1_B11_MR
54936	ZM_081_B1_B12	ZM_081_B1_B12_T7C	
54937	ZM_081_B1_B12		ZM_081_B1_B12_MR
54938	ZM_081_B1_C01	ZM_081_B1_C01_T7C	
54939	ZM_081_B1_C01		ZM_081_B1_C01_MR
54940	ZM_081_B1_C02	ZM_081_B1_C02_T7C	
54941	ZM_081_B1_C02		ZM_081_B1_C02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54942	ZM_081_B1_C04	ZM_081_B1_C04_T7C	
54943	ZM_081_B1_C04		ZM_081_B1_C04_MR
54944	ZM_081_B1_C07	ZM_081_B1_C07_T7C	
54945	ZM_081_B1_C07		ZM_081_B1_C07_MR
54946	ZM_081_B1_C08		ZM_081_B1_C08_MR
54947	ZM_081_B1_C09	ZM_081_B1_C09_T7C	
54948	ZM_081_B1_C09		ZM_081_B1_C09_MR
54949	ZM_081_B1_C10	ZM_081_B1_C10_T7C	
54950	ZM_081_B1_C10		ZM_081_B1_C10_MR
54951	ZM_081_B1_C11	ZM_081_B1_C11_T7C	
54952	ZM_081_B1_C11		ZM_081_B1_C11_MR
54953	ZM_081_B1_D01	ZM_081_B1_D01_T7C	
54954	ZM_081_B1_D01		ZM_081_B1_D01_MR
54955	ZM_081_B1_D02		ZM_081_B1_D02_MR
54956	ZM_081_B1_D03	ZM_081_B1_D03_T7C	
54957	ZM_081_B1_D04	ZM_081_B1_D04_T7C	
54958	ZM_081_B1_D04		ZM_081_B1_D04_MR
54959	ZM_081_B1_D05	ZM_081_B1_D05_T7C	
54960	ZM_081_B1_D05		ZM_081_B1_D05_MR
54961	ZM_081_B1_D07	ZM_081_B1_D07_T7C	
54962	ZM_081_B1_D07		ZM_081_B1_D07_MR
54963	ZM_081_B1_D08	ZM_081_B1_D08_T7C	
54964	ZM_081_B1_D08		ZM_081_B1_D08_MR
54965	ZM_081_B1_D09	ZM_081_B1_D09_T7C	
54966	ZM_081_B1_D10	ZM_081_B1_D10_T7C	
54967	ZM_081_B1_D10		ZM_081_B1_D10_MR
54968	ZM_081_B1_D11	ZM_081_B1_D11_T7C	
54969	ZM_081_B1_D11		ZM_081_B1_D11_MR
54970	ZM_081_B1_D12	ZM_081_B1_D12_T7C	
54971	ZM_081_B1_D12		ZM_081_B1_D12_MR
54972	ZM_081_B1_E01	ZM_081_B1_E01_T7C	
54973	ZM_081_B1_E01		ZM_081_B1_E01_MR
54974	ZM_081_B1_E02		ZM_081_B1_E02_MR
54975	ZM_081_B1_E03	ZM_081_B1_E03_T7C	
54976	ZM_081_B1_E03		ZM_081_B1_E03_MR
54977	ZM_081_B1_E04	ZM_081_B1_E04_T7C	
54978	ZM_081_B1_E04		ZM_081_B1_E04_MR
54979	ZM_081_B1_E05	ZM_081_B1_E05_T7C	
54980	ZM_081_B1_E05		ZM_081_B1_E05_MR
54981	ZM_081_B1_E07	ZM_081_B1_E07_T7C	
54982	ZM_081_B1_E08	ZM_081_B1_E08_T7C	
54983	ZM_081_B1_E08		ZM_081_B1_E08_MR
54984	ZM_081_B1_E09	ZM_081_B1_E09_T7C	
54985	ZM_081_B1_E10	ZM_081_B1_E10_T7C	
54986	ZM_081_B1_E10		ZM_081_B1_E10_MR
54987	ZM_081_B1_E11	ZM_081_B1_E11_T7C	
54988	ZM_081_B1_E12	ZM_081_B1_E12_T7C	
54989	ZM_081_B1_F01	ZM_081_B1_F01_T7C	
54990	ZM_081_B1_F01		ZM_081_B1_F01_MR
54991	ZM_081_B1_F02		ZM_081_B1_F02_MR
54992	ZM_081_B1_F03	ZM_081_B1_F03_T7C	
54993	ZM_081_B1_F04	ZM_081_B1_F04_T7C	
54994	ZM_081_B1_F05		ZM_081_B1_F05_MR
54995	ZM_081_B1_F09	ZM_081_B1_F09_T7C	
54996	ZM_081_B1_F10	ZM_081_B1_F10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
54997	ZM_081_B1_F10		ZM_081_B1_F10_MR
54998	ZM_081_B1_F11	ZM_081_B1_F11_T7C	
54999	ZM_081_B1_G01	ZM_081_B1_G01_T7C	
55000	ZM_081_B1_G01		ZM_081_B1_G01_MR
55001	ZM_081_B1_G02		ZM_081_B1_G02_MR
55002	ZM_081_B1_G03	ZM_081_B1_G03_T7C	
55003	ZM_081_B1_G04	ZM_081_B1_G04_T7C	
55004	ZM_081_B1_G04		ZM_081_B1_G04_MR
55005	ZM_081_B1_G05	ZM_081_B1_G05_T7C	
55006	ZM_081_B1_G07	ZM_081_B1_G07_T7C	
55007	ZM_081_B1_G07		ZM_081_B1_G07_MR
55008	ZM_081_B1_G08	ZM_081_B1_G08_T7C	
55009	ZM_081_B1_G09	ZM_081_B1_G09_T7C	
55010	ZM_081_B1_G10	ZM_081_B1_G10_T7C	
55011	ZM_081_B1_G11	ZM_081_B1_G11_T7C	
55012	ZM_081_B1_G12	ZM_081_B1_G12_T7C	
55013	ZM_081_B1_H01	ZM_081_B1_H01_T7C	
55014	ZM_081_B1_H01		ZM_081_B1_H01_MR
55015	ZM_081_B1_H02	ZM_081_B1_H02_T7C	
55016	ZM_081_B1_H02		ZM_081_B1_H02_MR
55017	ZM_081_B1_H03	ZM_081_B1_H03_T7C	
55018	ZM_081_B1_H03		ZM_081_B1_H03_MR
55019	ZM_081_B1_H05	ZM_081_B1_H05_T7C	
55020	ZM_081_B1_H06	ZM_081_B1_H06_T7C	
55021	ZM_081_B1_H06		ZM_081_B1_H06_MR
55022	ZM_081_B1_H07	ZM_081_B1_H07_T7C	
55023	ZM_081_B1_H07		ZM_081_B1_H07_MR
55024	ZM_081_B1_H08	ZM_081_B1_H08_T7C	
55025	ZM_081_B1_H08		ZM_081_B1_H08_MR
55026	ZM_081_B1_H09	ZM_081_B1_H09_T7C	
55027	ZM_081_B1_H11	ZM_081_B1_H11_T7C	
55028	ZM_081_B1_H11		ZM_081_B1_H11_MR
55029	ZM_081_B1_H12	ZM_081_B1_H12_T7C	
55030	ZM_081_B1_H12		ZM_081_B1_H12_MR
55031	ZM_081_B2_A01		ZM_081_B2_A01_MR
55032	ZM_081_B2_A02	ZM_081_B2_A02_T7C	
55033	ZM_081_B2_A02		ZM_081_B2_A02_MR
55034	ZM_081_B2_A03	ZM_081_B2_A03_T7C	
55035	ZM_081_B2_A03		ZM_081_B2_A03_MR
55036	ZM_081_B2_A04	ZM_081_B2_A04_T7C	
55037	ZM_081_B2_A04		ZM_081_B2_A04_MR
55038	ZM_081_B2_A05	ZM_081_B2_A05_T7C	
55039	ZM_081_B2_A05		ZM_081_B2_A05_MR
55040	ZM_081_B2_A06	ZM_081_B2_A06_T7C	
55041	ZM_081_B2_A06		ZM_081_B2_A06_MR
55042	ZM_081_B2_A07	ZM_081_B2_A07_T7C	
55043	ZM_081_B2_A07		ZM_081_B2_A07_MR
55044	ZM_081_B2_A08	ZM_081_B2_A08_T7C	
55045	ZM_081_B2_A08		ZM_081_B2_A08_MR
55046	ZM_081_B2_A09	ZM_081_B2_A09_T7C	
55047	ZM_081_B2_A09		ZM_081_B2_A09_MR
55048	ZM_081_B2_A10		ZM_081_B2_A10_MR
55049	ZM_081_B2_A11	ZM_081_B2_A11_T7C	
55050	ZM_081_B2_A11		ZM_081_B2_A11_MR
55051	ZM_081_B2_A12	ZM_081_B2_A12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55052	ZM_081_B2_A12		ZM_081_B2_A12_MR
55053	ZM_081_B2_B01	ZM_081_B2_B01_T7C	
55054	ZM_081_B2_B01		ZM_081_B2_B01_MR
55055	ZM_081_B2_B02	ZM_081_B2_B02_T7C	
55056	ZM_081_B2_B02		ZM_081_B2_B02_MR
55057	ZM_081_B2_B03		ZM_081_B2_B03_MR
55058	ZM_081_B2_B04	ZM_081_B2_B04_T7C	
55059	ZM_081_B2_B04		ZM_081_B2_B04_MR
55060	ZM_081_B2_B05	ZM_081_B2_B05_T7C	
55061	ZM_081_B2_B05		ZM_081_B2_B05_MR
55062	ZM_081_B2_B06	ZM_081_B2_B06_T7C	
55063	ZM_081_B2_B06		ZM_081_B2_B06_MR
55064	ZM_081_B2_B07	ZM_081_B2_B07_T7C	
55065	ZM_081_B2_B07		ZM_081_B2_B07_MR
55066	ZM_081_B2_B08		ZM_081_B2_B08_MR
55067	ZM_081_B2_B09	ZM_081_B2_B09_T7C	
55068	ZM_081_B2_B09		ZM_081_B2_B09_MR
55069	ZM_081_B2_B10	ZM_081_B2_B10_T7C	
55070	ZM_081_B2_B10		ZM_081_B2_B10_MR
55071	ZM_081_B2_B11	ZM_081_B2_B11_T7C	
55072	ZM_081_B2_B11		ZM_081_B2_B11_MR
55073	ZM_081_B2_B12	ZM_081_B2_B12_T7C	
55074	ZM_081_B2_B12		ZM_081_B2_B12_MR
55075	ZM_081_B2_C01	ZM_081_B2_C01_T7C	
55076	ZM_081_B2_C01		ZM_081_B2_C01_MR
55077	ZM_081_B2_C02	ZM_081_B2_C02_T7C	
55078	ZM_081_B2_C02		ZM_081_B2_C02_MR
55079	ZM_081_B2_C03	ZM_081_B2_C03_T7C	
55080	ZM_081_B2_C03		ZM_081_B2_C03_MR
55081	ZM_081_B2_C05		ZM_081_B2_C05_MR
55082	ZM_081_B2_C06	ZM_081_B2_C06_T7C	
55083	ZM_081_B2_C07	ZM_081_B2_C07_T7C	
55084	ZM_081_B2_C07		ZM_081_B2_C07_MR
55085	ZM_081_B2_C08	ZM_081_B2_C08_T7C	
55086	ZM_081_B2_C08		ZM_081_B2_C08_MR
55087	ZM_081_B2_C09	ZM_081_B2_C09_T7C	
55088	ZM_081_B2_C09		ZM_081_B2_C09_MR
55089	ZM_081_B2_C10	ZM_081_B2_C10_T7C	
55090	ZM_081_B2_C10		ZM_081_B2_C10_MR
55091	ZM_081_B2_C12	ZM_081_B2_C12_T7C	
55092	ZM_081_B2_C12		ZM_081_B2_C12_MR
55093	ZM_081_B2_D01	ZM_081_B2_D01_T7C	
55094	ZM_081_B2_D01		ZM_081_B2_D01_MR
55095	ZM_081_B2_D02	ZM_081_B2_D02_T7C	
55096	ZM_081_B2_D02		ZM_081_B2_D02_MR
55097	ZM_081_B2_D03	ZM_081_B2_D03_T7C	
55098	ZM_081_B2_D03		ZM_081_B2_D03_MR
55099	ZM_081_B2_D04	ZM_081_B2_D04_T7C	
55100	ZM_081_B2_D04		ZM_081_B2_D04_MR
55101	ZM_081_B2_D05	ZM_081_B2_D05_T7C	
55102	ZM_081_B2_D06	ZM_081_B2_D06_T7C	
55103	ZM_081_B2_D06		ZM_081_B2_D06_MR
55104	ZM_081_B2_D07	ZM_081_B2_D07_T7C	
55105	ZM_081_B2_D07		ZM_081_B2_D07_MR
55106	ZM_081_B2_D08	ZM_081_B2_D08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55107	ZM_081_B2_D08		ZM_081_B2_D08_MR
55108	ZM_081_B2_D09	ZM_081_B2_D09_T7C	
55109	ZM_081_B2_D09		ZM_081_B2_D09_MR
55110	ZM_081_B2_D10	ZM_081_B2_D10_T7C	
55111	ZM_081_B2_D10		ZM_081_B2_D10_MR
55112	ZM_081_B2_D11	ZM_081_B2_D11_T7C	
55113	ZM_081_B2_D11		ZM_081_B2_D11_MR
55114	ZM_081_B2_D12	ZM_081_B2_D12_T7C	
55115	ZM_081_B2_E01	ZM_081_B2_E01_T7C	
55116	ZM_081_B2_E01		ZM_081_B2_E01_MR
55117	ZM_081_B2_E02	ZM_081_B2_E02_T7C	
55118	ZM_081_B2_E02		ZM_081_B2_E02_MR
55119	ZM_081_B2_E03	ZM_081_B2_E03_T7C	
55120	ZM_081_B2_E03		ZM_081_B2_E03_MR
55121	ZM_081_B2_E04	ZM_081_B2_E04_T7C	
55122	ZM_081_B2_E04		ZM_081_B2_E04_MR
55123	ZM_081_B2_E05	ZM_081_B2_E05_T7C	
55124	ZM_081_B2_E05		ZM_081_B2_E05_MR
55125	ZM_081_B2_E06	ZM_081_B2_E06_T7C	
55126	ZM_081_B2_E06		ZM_081_B2_E06_MR
55127	ZM_081_B2_E07		ZM_081_B2_E07_MR
55128	ZM_081_B2_E08	ZM_081_B2_E08_T7C	
55129	ZM_081_B2_E08		ZM_081_B2_E08_MR
55130	ZM_081_B2_E09	ZM_081_B2_E09_T7C	
55131	ZM_081_B2_E09		ZM_081_B2_E09_MR
55132	ZM_081_B2_E10	ZM_081_B2_E10_T7C	
55133	ZM_081_B2_E10		ZM_081_B2_E10_MR
55134	ZM_081_B2_E11	ZM_081_B2_E11_T7C	
55135	ZM_081_B2_E11		ZM_081_B2_E11_MR
55136	ZM_081_B2_E12	ZM_081_B2_E12_T7C	
55137	ZM_081_B2_E12		ZM_081_B2_E12_MR
55138	ZM_081_B2_F01	ZM_081_B2_F01_T7C	
55139	ZM_081_B2_F01		ZM_081_B2_F01_MR
55140	ZM_081_B2_F02	ZM_081_B2_F02_T7C	
55141	ZM_081_B2_F02		ZM_081_B2_F02_MR
55142	ZM_081_B2_F03	ZM_081_B2_F03_T7C	
55143	ZM_081_B2_F03		ZM_081_B2_F03_MR
55144	ZM_081_B2_F04	ZM_081_B2_F04_T7C	
55145	ZM_081_B2_F04		ZM_081_B2_F04_MR
55146	ZM_081_B2_F05	ZM_081_B2_F05_T7C	
55147	ZM_081_B2_F05		ZM_081_B2_F05_MR
55148	ZM_081_B2_F06	ZM_081_B2_F06_T7C	
55149	ZM_081_B2_F07	ZM_081_B2_F07_T7C	
55150	ZM_081_B2_F07		ZM_081_B2_F07_MR
55151	ZM_081_B2_F08	ZM_081_B2_F08_T7C	
55152	ZM_081_B2_F08		ZM_081_B2_F08_MR
55153	ZM_081_B2_F09	ZM_081_B2_F09_T7C	
55154	ZM_081_B2_F09		ZM_081_B2_F09_MR
55155	ZM_081_B2_F10	ZM_081_B2_F10_T7C	
55156	ZM_081_B2_F10		ZM_081_B2_F10_MR
55157	ZM_081_B2_F11	ZM_081_B2_F11_T7C	
55158	ZM_081_B2_F11		ZM_081_B2_F11_MR
55159	ZM_081_B2_F12	ZM_081_B2_F12_T7C	
55160	ZM_081_B2_F12		ZM_081_B2_F12_MR
55161	ZM_081_B2_G01	ZM_081_B2_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55162	ZM_081_B2_G01		ZM_081_B2_G01_MR
55163	ZM_081_B2_G02	ZM_081_B2_G02_T7C	
55164	ZM_081_B2_G02		ZM_081_B2_G02_MR
55165	ZM_081_B2_G03	ZM_081_B2_G03_T7C	
55166	ZM_081_B2_G04	ZM_081_B2_G04_T7C	
55167	ZM_081_B2_G04		ZM_081_B2_G04_MR
55168	ZM_081_B2_G05	ZM_081_B2_G05_T7C	
55169	ZM_081_B2_G06	ZM_081_B2_G06_T7C	
55170	ZM_081_B2_G06		ZM_081_B2_G06_MR
55171	ZM_081_B2_G07	ZM_081_B2_G07_T7C	
55172	ZM_081_B2_G07		ZM_081_B2_G07_MR
55173	ZM_081_B2_G09	ZM_081_B2_G09_T7C	
55174	ZM_081_B2_G09		ZM_081_B2_G09_MR
55175	ZM_081_B2_G10	ZM_081_B2_G10_T7C	
55176	ZM_081_B2_G10		ZM_081_B2_G10_MR
55177	ZM_081_B2_G11	ZM_081_B2_G11_T7C	
55178	ZM_081_B2_G11		ZM_081_B2_G11_MR
55179	ZM_081_B2_G12	ZM_081_B2_G12_T7C	
55180	ZM_081_B2_G12		ZM_081_B2_G12_MR
55181	ZM_081_B2_H01	ZM_081_B2_H01_T7C	
55182	ZM_081_B2_H01		ZM_081_B2_H01_MR
55183	ZM_081_B2_H02	ZM_081_B2_H02_T7C	
55184	ZM_081_B2_H02		ZM_081_B2_H02_MR
55185	ZM_081_B2_H03	ZM_081_B2_H03_T7C	
55186	ZM_081_B2_H03		ZM_081_B2_H03_MR
55187	ZM_081_B2_H04	ZM_081_B2_H04_T7C	
55188	ZM_081_B2_H04		ZM_081_B2_H04_MR
55189	ZM_081_B2_H05	ZM_081_B2_H05_T7C	
55190	ZM_081_B2_H05		ZM_081_B2_H05_MR
55191	ZM_081_B2_H06	ZM_081_B2_H06_T7C	
55192	ZM_081_B2_H06		ZM_081_B2_H06_MR
55193	ZM_081_B2_H07	ZM_081_B2_H07_T7C	
55194	ZM_081_B2_H07		ZM_081_B2_H07_MR
55195	ZM_081_B2_H08	ZM_081_B2_H08_T7C	
55196	ZM_081_B2_H08		ZM_081_B2_H08_MR
55197	ZM_081_B2_H09	ZM_081_B2_H09_T7C	
55198	ZM_081_B2_H09		ZM_081_B2_H09_MR
55199	ZM_081_B2_H10	ZM_081_B2_H10_T7C	
55200	ZM_081_B2_H10		ZM_081_B2_H10_MR
55201	ZM_081_B2_H11	ZM_081_B2_H11_T7C	
55202	ZM_081_B2_H11		ZM_081_B2_H11_MR
55203	ZM_081_B2_H12	ZM_081_B2_H12_T7C	
55204	ZM_081_B2_H12		ZM_081_B2_H12_MR
55205	ZM_082_A1_A01	ZM_082_A1_A01_T7	
55206	ZM_082_A1_A02		ZM_082_A1_A02_MR
55207	ZM_082_A1_A03	ZM_082_A1_A03_T7	
55208	ZM_082_A1_A03		ZM_082_A1_A03_MR
55209	ZM_082_A1_A04		ZM_082_A1_A04_MR
55210	ZM_082_A1_A05	ZM_082_A1_A05_T7	
55211	ZM_082_A1_A05		ZM_082_A1_A05_MR
55212	ZM_082_A1_A06	ZM_082_A1_A06_T7	
55213	ZM_082_A1_A06		ZM_082_A1_A06_MR
55214	ZM_082_A1_A08	ZM_082_A1_A08_T7	
55215	ZM_082_A1_A08		ZM_082_A1_A08_MR
55216	ZM_082_A1_A09	ZM_082_A1_A09_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55217	ZM_082_A1_A10		ZM_082_A1_A10_MR
55218	ZM_082_A1_A11	ZM_082_A1_A11_T7	
55219	ZM_082_A1_A11		ZM_082_A1_A11_MR
55220	ZM_082_A1_A12		ZM_082_A1_A12_MR
55221	ZM_082_A1_B01	ZM_082_A1_B01_T7	
55222	ZM_082_A1_B02	ZM_082_A1_B02_T7	
55223	ZM_082_A1_B02		ZM_082_A1_B02_MR
55224	ZM_082_A1_B03	ZM_082_A1_B03_T7	
55225	ZM_082_A1_B03		ZM_082_A1_B03_MR
55226	ZM_082_A1_B04	ZM_082_A1_B04_T7	
55227	ZM_082_A1_B04		ZM_082_A1_B04_MR
55228	ZM_082_A1_B05	ZM_082_A1_B05_T7	
55229	ZM_082_A1_B05		ZM_082_A1_B05_MR
55230	ZM_082_A1_B06	ZM_082_A1_B06_T7	
55231	ZM_082_A1_B06		ZM_082_A1_B06_MR
55232	ZM_082_A1_B07	ZM_082_A1_B07_T7	
55233	ZM_082_A1_B07		ZM_082_A1_B07_MR
55234	ZM_082_A1_B08	ZM_082_A1_B08_T7	
55235	ZM_082_A1_B08		ZM_082_A1_B08_MR
55236	ZM_082_A1_B09	ZM_082_A1_B09_T7	
55237	ZM_082_A1_B09		ZM_082_A1_B09_MR
55238	ZM_082_A1_B10	ZM_082_A1_B10_T7	
55239	ZM_082_A1_B10		ZM_082_A1_B10_MR
55240	ZM_082_A1_B11		ZM_082_A1_B11_MR
55241	ZM_082_A1_B12	ZM_082_A1_B12_T7	
55242	ZM_082_A1_B12		ZM_082_A1_B12_MR
55243	ZM_082_A1_C01	ZM_082_A1_C01_T7	
55244	ZM_082_A1_C01		ZM_082_A1_C01_MR
55245	ZM_082_A1_C02	ZM_082_A1_C02_T7	
55246	ZM_082_A1_C02		ZM_082_A1_C02_MR
55247	ZM_082_A1_C03	ZM_082_A1_C03_T7	
55248	ZM_082_A1_C03		ZM_082_A1_C03_MR
55249	ZM_082_A1_C04	ZM_082_A1_C04_T7	
55250	ZM_082_A1_C04		ZM_082_A1_C04_MR
55251	ZM_082_A1_C05	ZM_082_A1_C05_T7	
55252	ZM_082_A1_C05		ZM_082_A1_C05_MR
55253	ZM_082_A1_C06	ZM_082_A1_C06_T7	
55254	ZM_082_A1_C06		ZM_082_A1_C06_MR
55255	ZM_082_A1_C07	ZM_082_A1_C07_T7	
55256	ZM_082_A1_C07		ZM_082_A1_C07_MR
55257	ZM_082_A1_C08	ZM_082_A1_C08_T7	
55258	ZM_082_A1_C08		ZM_082_A1_C08_MR
55259	ZM_082_A1_C09		ZM_082_A1_C09_MR
55260	ZM_082_A1_C10	ZM_082_A1_C10_T7	
55261	ZM_082_A1_C10		ZM_082_A1_C10_MR
55262	ZM_082_A1_C11	ZM_082_A1_C11_T7	
55263	ZM_082_A1_C12	ZM_082_A1_C12_T7	
55264	ZM_082_A1_C12		ZM_082_A1_C12_MR
55265	ZM_082_A1_D01	ZM_082_A1_D01_T7	
55266	ZM_082_A1_D01		ZM_082_A1_D01_MR
55267	ZM_082_A1_D02	ZM_082_A1_D02_T7	
55268	ZM_082_A1_D02		ZM_082_A1_D02_MR
55269	ZM_082_A1_D03	ZM_082_A1_D03_T7	
55270	ZM_082_A1_D03		ZM_082_A1_D03_MR
55271	ZM_082_A1_D04	ZM_082_A1_D04_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55272	ZM_082_A1_D04		ZM_082_A1_D04_MR
55273	ZM_082_A1_D05	ZM_082_A1_D05_T7	
55274	ZM_082_A1_D05		ZM_082_A1_D05_MR
55275	ZM_082_A1_D06	ZM_082_A1_D06_T7	
55276	ZM_082_A1_D06		ZM_082_A1_D06_MR
55277	ZM_082_A1_D07	ZM_082_A1_D07_T7	
55278	ZM_082_A1_D07		ZM_082_A1_D07_MR
55279	ZM_082_A1_D08		ZM_082_A1_D08_MR
55280	ZM_082_A1_D09	ZM_082_A1_D09_T7	
55281	ZM_082_A1_D09		ZM_082_A1_D09_MR
55282	ZM_082_A1_D10	ZM_082_A1_D10_T7	
55283	ZM_082_A1_D11	ZM_082_A1_D11_T7	
55284	ZM_082_A1_D12	ZM_082_A1_D12_T7	
55285	ZM_082_A1_D12		ZM_082_A1_D12_MR
55286	ZM_082_A1_E01	ZM_082_A1_E01_T7	
55287	ZM_082_A1_E01		ZM_082_A1_E01_MR
55288	ZM_082_A1_E02	ZM_082_A1_E02_T7	
55289	ZM_082_A1_E02		ZM_082_A1_E02_MR
55290	ZM_082_A1_E03	ZM_082_A1_E03_T7	
55291	ZM_082_A1_E03		ZM_082_A1_E03_MR
55292	ZM_082_A1_E04	ZM_082_A1_E04_T7	
55293	ZM_082_A1_E04		ZM_082_A1_E04_MR
55294	ZM_082_A1_E05	ZM_082_A1_E05_T7	
55295	ZM_082_A1_E05		ZM_082_A1_E05_MR
55296	ZM_082_A1_E06	ZM_082_A1_E06_T7	
55297	ZM_082_A1_E06		ZM_082_A1_E06_MR
55298	ZM_082_A1_E07	ZM_082_A1_E07_T7	
55299	ZM_082_A1_E07		ZM_082_A1_E07_MR
55300	ZM_082_A1_E08	ZM_082_A1_E08_T7	
55301	ZM_082_A1_E08		ZM_082_A1_E08_MR
55302	ZM_082_A1_E09	ZM_082_A1_E09_T7	
55303	ZM_082_A1_E09		ZM_082_A1_E09_MR
55304	ZM_082_A1_E10	ZM_082_A1_E10_T7	
55305	ZM_082_A1_E10		ZM_082_A1_E10_MR
55306	ZM_082_A1_E11	ZM_082_A1_E11_T7	
55307	ZM_082_A1_E11		ZM_082_A1_E11_MR
55308	ZM_082_A1_E12		ZM_082_A1_E12_MR
55309	ZM_082_A1_F01	ZM_082_A1_F01_T7	
55310	ZM_082_A1_F01		ZM_082_A1_F01_MR
55311	ZM_082_A1_F02	ZM_082_A1_F02_T7	
55312	ZM_082_A1_F02		ZM_082_A1_F02_MR
55313	ZM_082_A1_F03	ZM_082_A1_F03_T7	
55314	ZM_082_A1_F03		ZM_082_A1_F03_MR
55315	ZM_082_A1_F04	ZM_082_A1_F04_T7	
55316	ZM_082_A1_F04		ZM_082_A1_F04_MR
55317	ZM_082_A1_F05	ZM_082_A1_F05_T7	
55318	ZM_082_A1_F05		ZM_082_A1_F05_MR
55319	ZM_082_A1_F06	ZM_082_A1_F06_T7	
55320	ZM_082_A1_F06		ZM_082_A1_F06_MR
55321	ZM_082_A1_F07	ZM_082_A1_F07_T7	
55322	ZM_082_A1_F07		ZM_082_A1_F07_MR
55323	ZM_082_A1_F08	ZM_082_A1_F08_T7	
55324	ZM_082_A1_F08		ZM_082_A1_F08_MR
55325	ZM_082_A1_F09		ZM_082_A1_F09_MR
55326	ZM_082_A1_F10	ZM_082_A1_F10_T7	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55327	ZM_082_A1_F10		ZM_082_A1_F10_MR
55328	ZM_082_A1_F11	ZM_082_A1_F11_T7	
55329	ZM_082_A1_F11		ZM_082_A1_F11_MR
55330	ZM_082_A1_F12	ZM_082_A1_F12_T7	
55331	ZM_082_A1_F12		ZM_082_A1_F12_MR
55332	ZM_082_A1_G01	ZM_082_A1_G01_T7	
55333	ZM_082_A1_G01		ZM_082_A1_G01_MR
55334	ZM_082_A1_G02	ZM_082_A1_G02_T7	
55335	ZM_082_A1_G02		ZM_082_A1_G02_MR
55336	ZM_082_A1_G03	ZM_082_A1_G03_T7	
55337	ZM_082_A1_G03		ZM_082_A1_G03_MR
55338	ZM_082_A1_G04	ZM_082_A1_G04_T7	
55339	ZM_082_A1_G04		ZM_082_A1_G04_MR
55340	ZM_082_A1_G05	ZM_082_A1_G05_T7	
55341	ZM_082_A1_G05		ZM_082_A1_G05_MR
55342	ZM_082_A1_G06	ZM_082_A1_G06_T7	
55343	ZM_082_A1_G06		ZM_082_A1_G06_MR
55344	ZM_082_A1_G07	ZM_082_A1_G07_T7	
55345	ZM_082_A1_G07		ZM_082_A1_G07_MR
55346	ZM_082_A1_G08	ZM_082_A1_G08_T7	
55347	ZM_082_A1_G08		ZM_082_A1_G08_MR
55348	ZM_082_A1_G09	ZM_082_A1_G09_T7	
55349	ZM_082_A1_G09		ZM_082_A1_G09_MR
55350	ZM_082_A1_G10		ZM_082_A1_G10_MR
55351	ZM_082_A1_G12	ZM_082_A1_G12_T7	
55352	ZM_082_A1_G12		ZM_082_A1_G12_MR
55353	ZM_082_A1_H01	ZM_082_A1_H01_T7	
55354	ZM_082_A1_H01		ZM_082_A1_H01_MR
55355	ZM_082_A1_H02	ZM_082_A1_H02_T7	
55356	ZM_082_A1_H02		ZM_082_A1_H02_MR
55357	ZM_082_A1_H03	ZM_082_A1_H03_T7	
55358	ZM_082_A1_H03		ZM_082_A1_H03_MR
55359	ZM_082_A1_H04	ZM_082_A1_H04_T7	
55360	ZM_082_A1_H04		ZM_082_A1_H04_MR
55361	ZM_082_A1_H05	ZM_082_A1_H05_T7	
55362	ZM_082_A1_H05		ZM_082_A1_H05_MR
55363	ZM_082_A1_H06	ZM_082_A1_H06_T7	
55364	ZM_082_A1_H06		ZM_082_A1_H06_MR
55365	ZM_082_A1_H07		ZM_082_A1_H07_MR
55366	ZM_082_A1_H08	ZM_082_A1_H08_T7	
55367	ZM_082_A1_H08		ZM_082_A1_H08_MR
55368	ZM_082_A1_H09	ZM_082_A1_H09_T7	
55369	ZM_082_A1_H09		ZM_082_A1_H09_MR
55370	ZM_082_A1_H10	ZM_082_A1_H10_T7	
55371	ZM_082_A1_H10		ZM_082_A1_H10_MR
55372	ZM_082_A1_H11	ZM_082_A1_H11_T7	
55373	ZM_082_A1_H12	ZM_082_A1_H12_T7	
55374	ZM_082_A1_H12		ZM_082_A1_H12_MR
55375	ZM_082_A2_A01	ZM_082_A2_A01_T7	
55376	ZM_082_A2_A01		ZM_082_A2_A01_MR
55377	ZM_082_A2_A02	ZM_082_A2_A02_T7	
55378	ZM_082_A2_A02		ZM_082_A2_A02_MR
55379	ZM_082_A2_A03	ZM_082_A2_A03_T7	
55380	ZM_082_A2_A03		ZM_082_A2_A03_MR
55381	ZM_082_A2_A04	ZM_082_A2_A04_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55382	ZM_082_A2_A04		ZM_082_A2_A04_MR
55383	ZM_082_A2_A05		ZM_082_A2_A05_MR
55384	ZM_082_A2_A06		ZM_082_A2_A06_MR
55385	ZM_082_A2_A07	ZM_082_A2_A07_T7	
55386	ZM_082_A2_A07		ZM_082_A2_A07_MR
55387	ZM_082_A2_A08	ZM_082_A2_A08_T7	
55388	ZM_082_A2_A08		ZM_082_A2_A08_MR
55389	ZM_082_A2_A09	ZM_082_A2_A09_T7	
55390	ZM_082_A2_A09		ZM_082_A2_A09_MR
55391	ZM_082_A2_A10	ZM_082_A2_A10_T7	
55392	ZM_082_A2_A10		ZM_082_A2_A10_MR
55393	ZM_082_A2_A11	ZM_082_A2_A11_T7	
55394	ZM_082_A2_A11		ZM_082_A2_A11_MR
55395	ZM_082_A2_B01	ZM_082_A2_B01_T7	
55396	ZM_082_A2_B02	ZM_082_A2_B02_T7	
55397	ZM_082_A2_B02		ZM_082_A2_B02_MR
55398	ZM_082_A2_B03		ZM_082_A2_B03_MR
55399	ZM_082_A2_B04	ZM_082_A2_B04_T7	
55400	ZM_082_A2_B04		ZM_082_A2_B04_MR
55401	ZM_082_A2_B05	ZM_082_A2_B05_T7	
55402	ZM_082_A2_B05		ZM_082_A2_B05_MR
55403	ZM_082_A2_B06	ZM_082_A2_B06_T7	
55404	ZM_082_A2_B06		ZM_082_A2_B06_MR
55405	ZM_082_A2_B07	ZM_082_A2_B07_T7	
55406	ZM_082_A2_B07		ZM_082_A2_B07_MR
55407	ZM_082_A2_B08	ZM_082_A2_B08_T7	
55408	ZM_082_A2_B08		ZM_082_A2_B08_MR
55409	ZM_082_A2_B09	ZM_082_A2_B09_T7	
55410	ZM_082_A2_B09		ZM_082_A2_B09_MR
55411	ZM_082_A2_B10	ZM_082_A2_B10_T7	
55412	ZM_082_A2_B10		ZM_082_A2_B10_MR
55413	ZM_082_A2_B11	ZM_082_A2_B11_T7	
55414	ZM_082_A2_B11		ZM_082_A2_B11_MR
55415	ZM_082_A2_B12	ZM_082_A2_B12_T7	
55416	ZM_082_A2_B12		ZM_082_A2_B12_MR
55417	ZM_082_A2_C01	ZM_082_A2_C01_T7	
55418	ZM_082_A2_C01		ZM_082_A2_C01_MR
55419	ZM_082_A2_C02	ZM_082_A2_C02_T7	
55420	ZM_082_A2_C02		ZM_082_A2_C02_MR
55421	ZM_082_A2_C03	ZM_082_A2_C03_T7	
55422	ZM_082_A2_C03		ZM_082_A2_C03_MR
55423	ZM_082_A2_C04	ZM_082_A2_C04_T7	
55424	ZM_082_A2_C04		ZM_082_A2_C04_MR
55425	ZM_082_A2_C05	ZM_082_A2_C05_T7	
55426	ZM_082_A2_C05		ZM_082_A2_C05_MR
55427	ZM_082_A2_C06	ZM_082_A2_C06_T7	
55428	ZM_082_A2_C06		ZM_082_A2_C06_MR
55429	ZM_082_A2_C07	ZM_082_A2_C07_T7	
55430	ZM_082_A2_C08	ZM_082_A2_C08_T7	
55431	ZM_082_A2_C08		ZM_082_A2_C08_MR
55432	ZM_082_A2_C09	ZM_082_A2_C09_T7	
55433	ZM_082_A2_C09		ZM_082_A2_C09_MR
55434	ZM_082_A2_C10	ZM_082_A2_C10_T7	
55435	ZM_082_A2_C10		ZM_082_A2_C10_MR
55436	ZM_082_A2_C11	ZM_082_A2_C11_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55437	ZM_082_A2_C11		ZM_082_A2_C11_MR
55438	ZM_082_A2_C12	ZM_082_A2_C12_T7	
55439	ZM_082_A2_C12		ZM_082_A2_C12_MR
55440	ZM_082_A2_D01	ZM_082_A2_D01_T7	
55441	ZM_082_A2_D01		ZM_082_A2_D01_MR
55442	ZM_082_A2_D02	ZM_082_A2_D02_T7	
55443	ZM_082_A2_D02		ZM_082_A2_D02_MR
55444	ZM_082_A2_D03	ZM_082_A2_D03_T7	
55445	ZM_082_A2_D03		ZM_082_A2_D03_MR
55446	ZM_082_A2_D04	ZM_082_A2_D04_T7	
55447	ZM_082_A2_D04		ZM_082_A2_D04_MR
55448	ZM_082_A2_D05	ZM_082_A2_D05_T7	
55449	ZM_082_A2_D06	ZM_082_A2_D06_T7	
55450	ZM_082_A2_D06		ZM_082_A2_D06_MR
55451	ZM_082_A2_D07	ZM_082_A2_D07_T7	
55452	ZM_082_A2_D07		ZM_082_A2_D07_MR
55453	ZM_082_A2_D08	ZM_082_A2_D08_T7	
55454	ZM_082_A2_D08		ZM_082_A2_D08_MR
55455	ZM_082_A2_D09	ZM_082_A2_D09_T7	
55456	ZM_082_A2_D09		ZM_082_A2_D09_MR
55457	ZM_082_A2_D10	ZM_082_A2_D10_T7	
55458	ZM_082_A2_D10		ZM_082_A2_D10_MR
55459	ZM_082_A2_D11	ZM_082_A2_D11_T7	
55460	ZM_082_A2_D11		ZM_082_A2_D11_MR
55461	ZM_082_A2_D12	ZM_082_A2_D12_T7	
55462	ZM_082_A2_D12		ZM_082_A2_D12_MR
55463	ZM_082_A2_E01	ZM_082_A2_E01_T7	
55464	ZM_082_A2_E02	ZM_082_A2_E02_T7	
55465	ZM_082_A2_E02		ZM_082_A2_E02_MR
55466	ZM_082_A2_E03	ZM_082_A2_E03_T7	
55467	ZM_082_A2_E03		ZM_082_A2_E03_MR
55468	ZM_082_A2_E04	ZM_082_A2_E04_T7	
55469	ZM_082_A2_E04		ZM_082_A2_E04_MR
55470	ZM_082_A2_E05	ZM_082_A2_E05_T7	
55471	ZM_082_A2_E06	ZM_082_A2_E06_T7	
55472	ZM_082_A2_E06		ZM_082_A2_E06_MR
55473	ZM_082_A2_E07	ZM_082_A2_E07_T7	
55474	ZM_082_A2_E07		ZM_082_A2_E07_MR
55475	ZM_082_A2_E08	ZM_082_A2_E08_T7	
55476	ZM_082_A2_E08		ZM_082_A2_E08_MR
55477	ZM_082_A2_E09	ZM_082_A2_E09_T7	
55478	ZM_082_A2_E09		ZM_082_A2_E09_MR
55479	ZM_082_A2_E10		ZM_082_A2_E10_MR
55480	ZM_082_A2_E11	ZM_082_A2_E11_T7	
55481	ZM_082_A2_E11		ZM_082_A2_E11_MR
55482	ZM_082_A2_E12	ZM_082_A2_E12_T7	
55483	ZM_082_A2_E12		ZM_082_A2_E12_MR
55484	ZM_082_A2_F01	ZM_082_A2_F01_T7	
55485	ZM_082_A2_F01		ZM_082_A2_F01_MR
55486	ZM_082_A2_F03	ZM_082_A2_F03_T7	
55487	ZM_082_A2_F03		ZM_082_A2_F03_MR
55488	ZM_082_A2_F04	ZM_082_A2_F04_T7	
55489	ZM_082_A2_F04		ZM_082_A2_F04_MR
55490	ZM_082_A2_F05	ZM_082_A2_F05_T7	
55491	ZM_082_A2_F05		ZM_082_A2_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55492	ZM_082_A2_F06	ZM_082_A2_F06_T7	ZM_082_A2_F06_MR
55493	ZM_082_A2_F06		
55494	ZM_082_A2_F07	ZM_082_A2_F07_T7	ZM_082_A2_F07_MR
55495	ZM_082_A2_F07		
55496	ZM_082_A2_F08	ZM_082_A2_F08_T7	ZM_082_A2_F08_MR
55497	ZM_082_A2_F08		
55498	ZM_082_A2_F09	ZM_082_A2_F09_T7	ZM_082_A2_F09_MR
55499	ZM_082_A2_F09		
55500	ZM_082_A2_F10	ZM_082_A2_F10_T7	ZM_082_A2_F10_MR
55501	ZM_082_A2_F10		
55502	ZM_082_A2_F11	ZM_082_A2_F11_T7	ZM_082_A2_F11_MR
55503	ZM_082_A2_F11		
55504	ZM_082_A2_F12	ZM_082_A2_F12_T7	ZM_082_A2_F12_MR
55505	ZM_082_A2_F12		
55506	ZM_082_A2_G01	ZM_082_A2_G01_T7	ZM_082_A2_G01_MR
55507	ZM_082_A2_G01		
55508	ZM_082_A2_G02	ZM_082_A2_G02_T7	ZM_082_A2_G02_MR
55509	ZM_082_A2_G02		
55510	ZM_082_A2_G04	ZM_082_A2_G04_T7	ZM_082_A2_G04_MR
55511	ZM_082_A2_G04		
55512	ZM_082_A2_G05	ZM_082_A2_G05_T7	
55513	ZM_082_A2_G06	ZM_082_A2_G06_T7	
55514	ZM_082_A2_G07	ZM_082_A2_G07_T7	ZM_082_A2_G07_MR
55515	ZM_082_A2_G07		
55516	ZM_082_A2_G08	ZM_082_A2_G08_T7	ZM_082_A2_G08_MR
55517	ZM_082_A2_G08		
55518	ZM_082_A2_G10	ZM_082_A2_G10_T7	ZM_082_A2_G10_MR
55519	ZM_082_A2_G10		
55520	ZM_082_A2_G11	ZM_082_A2_G11_T7	ZM_082_A2_G11_MR
55521	ZM_082_A2_G11		
55522	ZM_082_A2_G12	ZM_082_A2_G12_T7	ZM_082_A2_G12_MR
55523	ZM_082_A2_G12		
55524	ZM_082_A2_H01		ZM_082_A2_H01_MR
55525	ZM_082_A2_H02		ZM_082_A2_H02_MR
55526	ZM_082_A2_H03	ZM_082_A2_H03_T7	ZM_082_A2_H03_MR
55527	ZM_082_A2_H03		
55528	ZM_082_A2_H04	ZM_082_A2_H04_T7	ZM_082_A2_H04_MR
55529	ZM_082_A2_H04		
55530	ZM_082_A2_H06	ZM_082_A2_H06_T7	ZM_082_A2_H06_MR
55531	ZM_082_A2_H06		
55532	ZM_082_A2_H07	ZM_082_A2_H07_T7	ZM_082_A2_H07_MR
55533	ZM_082_A2_H07		
55534	ZM_082_A2_H09	ZM_082_A2_H09_T7	
55535	ZM_082_A2_H10	ZM_082_A2_H10_T7	ZM_082_A2_H10_MR
55536	ZM_082_A2_H10		
55537	ZM_082_A2_H11	ZM_082_A2_H11_T7	ZM_082_A2_H11_MR
55538	ZM_082_A2_H11		
55539	ZM_082_A2_H12	ZM_082_A2_H12_T7	
55540	ZM_082_B2_A01	ZM_082_B2_A01_T7C	ZM_082_B2_A01_MR
55541	ZM_082_B2_A01		
55542	ZM_082_B2_A02	ZM_082_B2_A02_T7C	ZM_082_B2_A02_MR
55543	ZM_082_B2_A02		
55544	ZM_082_B2_A03	ZM_082_B2_A03_T7C	ZM_082_B2_A03_MR
55545	ZM_082_B2_A03		
55546	ZM_082_B2_A04	ZM_082_B2_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55547	ZM_082_B2_A04		ZM_082_B2_A04_MR
55548	ZM_082_B2_A05	ZM_082_B2_A05_T7C	
55549	ZM_082_B2_A05		ZM_082_B2_A05_MR
55550	ZM_082_B2_A06	ZM_082_B2_A06_T7C	
55551	ZM_082_B2_A06		ZM_082_B2_A06_MR
55552	ZM_082_B2_A07	ZM_082_B2_A07_T7C	
55553	ZM_082_B2_A07		ZM_082_B2_A07_MR
55554	ZM_082_B2_A08	ZM_082_B2_A08_T7C	
55555	ZM_082_B2_A08		ZM_082_B2_A08_MR
55556	ZM_082_B2_A09	ZM_082_B2_A09_T7C	
55557	ZM_082_B2_A09		ZM_082_B2_A09_MR
55558	ZM_082_B2_A10	ZM_082_B2_A10_T7C	
55559	ZM_082_B2_A10		ZM_082_B2_A10_MR
55560	ZM_082_B2_A11	ZM_082_B2_A11_T7C	
55561	ZM_082_B2_A11		ZM_082_B2_A11_MR
55562	ZM_082_B2_A12	ZM_082_B2_A12_T7C	
55563	ZM_082_B2_A12		ZM_082_B2_A12_MR
55564	ZM_082_B2_B01	ZM_082_B2_B01_T7C	
55565	ZM_082_B2_B01		ZM_082_B2_B01_MR
55566	ZM_082_B2_B02	ZM_082_B2_B02_T7C	
55567	ZM_082_B2_B02		ZM_082_B2_B02_MR
55568	ZM_082_B2_B03	ZM_082_B2_B03_T7C	
55569	ZM_082_B2_B03		ZM_082_B2_B03_MR
55570	ZM_082_B2_B04	ZM_082_B2_B04_T7C	
55571	ZM_082_B2_B04		ZM_082_B2_B04_MR
55572	ZM_082_B2_B05	ZM_082_B2_B05_T7C	
55573	ZM_082_B2_B05		ZM_082_B2_B05_MR
55574	ZM_082_B2_B06	ZM_082_B2_B06_T7C	
55575	ZM_082_B2_B06		ZM_082_B2_B06_MR
55576	ZM_082_B2_B07	ZM_082_B2_B07_T7C	
55577	ZM_082_B2_B07		ZM_082_B2_B07_MR
55578	ZM_082_B2_B08	ZM_082_B2_B08_T7C	
55579	ZM_082_B2_B08		ZM_082_B2_B08_MR
55580	ZM_082_B2_B09	ZM_082_B2_B09_T7C	
55581	ZM_082_B2_B09		ZM_082_B2_B09_MR
55582	ZM_082_B2_B10	ZM_082_B2_B10_T7C	
55583	ZM_082_B2_B10		ZM_082_B2_B10_MR
55584	ZM_082_B2_B11	ZM_082_B2_B11_T7C	
55585	ZM_082_B2_B11		ZM_082_B2_B11_MR
55586	ZM_082_B2_B12	ZM_082_B2_B12_T7C	
55587	ZM_082_B2_B12		ZM_082_B2_B12_MR
55588	ZM_082_B2_C01	ZM_082_B2_C01_T7C	
55589	ZM_082_B2_C01		ZM_082_B2_C01_MR
55590	ZM_082_B2_C02	ZM_082_B2_C02_T7C	
55591	ZM_082_B2_C02		ZM_082_B2_C02_MR
55592	ZM_082_B2_C03	ZM_082_B2_C03_T7C	
55593	ZM_082_B2_C03		ZM_082_B2_C03_MR
55594	ZM_082_B2_C04		ZM_082_B2_C04_MR
55595	ZM_082_B2_C05	ZM_082_B2_C05_T7C	
55596	ZM_082_B2_C05		ZM_082_B2_C05_MR
55597	ZM_082_B2_C06	ZM_082_B2_C06_T7C	
55598	ZM_082_B2_C06		ZM_082_B2_C06_MR
55599	ZM_082_B2_C07	ZM_082_B2_C07_T7C	
55600	ZM_082_B2_C07		ZM_082_B2_C07_MR
55601	ZM_082_B2_C08		ZM_082_B2_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55602	ZM_082_B2_C09	ZM_082_B2_C09_T7C	
55603	ZM_082_B2_C09		ZM_082_B2_C09_MR
55604	ZM_082_B2_C10	ZM_082_B2_C10_T7C	
55605	ZM_082_B2_C10		ZM_082_B2_C10_MR
55606	ZM_082_B2_C11	ZM_082_B2_C11_T7C	
55607	ZM_082_B2_C11		ZM_082_B2_C11_MR
55608	ZM_082_B2_C12	ZM_082_B2_C12_T7C	
55609	ZM_082_B2_C12		ZM_082_B2_C12_MR
55610	ZM_082_B2_D01	ZM_082_B2_D01_T7C	
55611	ZM_082_B2_D01		ZM_082_B2_D01_MR
55612	ZM_082_B2_D02	ZM_082_B2_D02_T7C	
55613	ZM_082_B2_D02		ZM_082_B2_D02_MR
55614	ZM_082_B2_D03	ZM_082_B2_D03_T7C	
55615	ZM_082_B2_D03		ZM_082_B2_D03_MR
55616	ZM_082_B2_D04	ZM_082_B2_D04_T7C	
55617	ZM_082_B2_D04		ZM_082_B2_D04_MR
55618	ZM_082_B2_D05	ZM_082_B2_D05_T7C	
55619	ZM_082_B2_D05		ZM_082_B2_D05_MR
55620	ZM_082_B2_D06	ZM_082_B2_D06_T7C	
55621	ZM_082_B2_D06		ZM_082_B2_D06_MR
55622	ZM_082_B2_D07	ZM_082_B2_D07_T7C	
55623	ZM_082_B2_D07		ZM_082_B2_D07_MR
55624	ZM_082_B2_D08	ZM_082_B2_D08_T7C	
55625	ZM_082_B2_D08		ZM_082_B2_D08_MR
55626	ZM_082_B2_D09	ZM_082_B2_D09_T7C	
55627	ZM_082_B2_D09		ZM_082_B2_D09_MR
55628	ZM_082_B2_D10	ZM_082_B2_D10_T7C	
55629	ZM_082_B2_D10		ZM_082_B2_D10_MR
55630	ZM_082_B2_D11	ZM_082_B2_D11_T7C	
55631	ZM_082_B2_D11		ZM_082_B2_D11_MR
55632	ZM_082_B2_D12	ZM_082_B2_D12_T7C	
55633	ZM_082_B2_D12		ZM_082_B2_D12_MR
55634	ZM_082_B2_E01	ZM_082_B2_E01_T7C	
55635	ZM_082_B2_E01		ZM_082_B2_E01_MR
55636	ZM_082_B2_E02	ZM_082_B2_E02_T7C	
55637	ZM_082_B2_E02		ZM_082_B2_E02_MR
55638	ZM_082_B2_E03	ZM_082_B2_E03_T7C	
55639	ZM_082_B2_E03		ZM_082_B2_E03_MR
55640	ZM_082_B2_E04	ZM_082_B2_E04_T7C	
55641	ZM_082_B2_E04		ZM_082_B2_E04_MR
55642	ZM_082_B2_E05	ZM_082_B2_E05_T7C	
55643	ZM_082_B2_E05		ZM_082_B2_E05_MR
55644	ZM_082_B2_E06	ZM_082_B2_E06_T7C	
55645	ZM_082_B2_E06		ZM_082_B2_E06_MR
55646	ZM_082_B2_E07	ZM_082_B2_E07_T7C	
55647	ZM_082_B2_E07		ZM_082_B2_E07_MR
55648	ZM_082_B2_E08	ZM_082_B2_E08_T7C	
55649	ZM_082_B2_E08		ZM_082_B2_E08_MR
55650	ZM_082_B2_E09	ZM_082_B2_E09_T7C	
55651	ZM_082_B2_E09		ZM_082_B2_E09_MR
55652	ZM_082_B2_E10	ZM_082_B2_E10_T7C	
55653	ZM_082_B2_E10		ZM_082_B2_E10_MR
55654	ZM_082_B2_E11	ZM_082_B2_E11_T7C	
55655	ZM_082_B2_E11		ZM_082_B2_E11_MR
55656	ZM_082_B2_E12	ZM_082_B2_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55657	ZM_082_B2_E12		ZM_082_B2_E12_MR
55658	ZM_082_B2_F01	ZM_082_B2_F01_T7C	
55659	ZM_082_B2_F01		ZM_082_B2_F01_MR
55660	ZM_082_B2_F02	ZM_082_B2_F02_T7C	
55661	ZM_082_B2_F02		ZM_082_B2_F02_MR
55662	ZM_082_B2_F03	ZM_082_B2_F03_T7C	
55663	ZM_082_B2_F03		ZM_082_B2_F03_MR
55664	ZM_082_B2_F04	ZM_082_B2_F04_T7C	
55665	ZM_082_B2_F04		ZM_082_B2_F04_MR
55666	ZM_082_B2_F05		ZM_082_B2_F05_MR
55667	ZM_082_B2_F07	ZM_082_B2_F07_T7C	
55668	ZM_082_B2_F07		ZM_082_B2_F07_MR
55669	ZM_082_B2_F08	ZM_082_B2_F08_T7C	
55670	ZM_082_B2_F08		ZM_082_B2_F08_MR
55671	ZM_082_B2_F09	ZM_082_B2_F09_T7C	
55672	ZM_082_B2_F09		ZM_082_B2_F09_MR
55673	ZM_082_B2_F10	ZM_082_B2_F10_T7C	
55674	ZM_082_B2_F10		ZM_082_B2_F10_MR
55675	ZM_082_B2_F11	ZM_082_B2_F11_T7C	
55676	ZM_082_B2_F11		ZM_082_B2_F11_MR
55677	ZM_082_B2_F12	ZM_082_B2_F12_T7C	
55678	ZM_082_B2_F12		ZM_082_B2_F12_MR
55679	ZM_082_B2_G01	ZM_082_B2_G01_T7C	
55680	ZM_082_B2_G01		ZM_082_B2_G01_MR
55681	ZM_082_B2_G02	ZM_082_B2_G02_T7C	
55682	ZM_082_B2_G02		ZM_082_B2_G02_MR
55683	ZM_082_B2_G03	ZM_082_B2_G03_T7C	
55684	ZM_082_B2_G03		ZM_082_B2_G03_MR
55685	ZM_082_B2_G04	ZM_082_B2_G04_T7C	
55686	ZM_082_B2_G04		ZM_082_B2_G04_MR
55687	ZM_082_B2_G05	ZM_082_B2_G05_T7C	
55688	ZM_082_B2_G07	ZM_082_B2_G07_T7C	
55689	ZM_082_B2_G07		ZM_082_B2_G07_MR
55690	ZM_082_B2_G08	ZM_082_B2_G08_T7C	
55691	ZM_082_B2_G08		ZM_082_B2_G08_MR
55692	ZM_082_B2_G09	ZM_082_B2_G09_T7C	
55693	ZM_082_B2_G09		ZM_082_B2_G09_MR
55694	ZM_082_B2_G10	ZM_082_B2_G10_T7C	
55695	ZM_082_B2_G10		ZM_082_B2_G10_MR
55696	ZM_082_B2_G11	ZM_082_B2_G11_T7C	
55697	ZM_082_B2_G11		ZM_082_B2_G11_MR
55698	ZM_082_B2_G12	ZM_082_B2_G12_T7C	
55699	ZM_082_B2_H01	ZM_082_B2_H01_T7C	
55700	ZM_082_B2_H01		ZM_082_B2_H01_MR
55701	ZM_082_B2_H02	ZM_082_B2_H02_T7C	
55702	ZM_082_B2_H02		ZM_082_B2_H02_MR
55703	ZM_082_B2_H03	ZM_082_B2_H03_T7C	
55704	ZM_082_B2_H03		ZM_082_B2_H03_MR
55705	ZM_082_B2_H04	ZM_082_B2_H04_T7C	
55706	ZM_082_B2_H04		ZM_082_B2_H04_MR
55707	ZM_082_B2_H05	ZM_082_B2_H05_T7C	
55708	ZM_082_B2_H05		ZM_082_B2_H05_MR
55709	ZM_082_B2_H06	ZM_082_B2_H06_T7C	
55710	ZM_082_B2_H06		ZM_082_B2_H06_MR
55711	ZM_082_B2_H07	ZM_082_B2_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55712	ZM_082_B2_H07		ZM_082_B2_H07_MR
55713	ZM_082_B2_H08	ZM_082_B2_H08_T7C	
55714	ZM_082_B2_H08		ZM_082_B2_H08_MR
55715	ZM_082_B2_H09		ZM_082_B2_H09_MR
55716	ZM_082_B2_H10	ZM_082_B2_H10_T7C	
55717	ZM_082_B2_H10		ZM_082_B2_H10_MR
55718	ZM_082_B2_H11	ZM_082_B2_H11_T7C	
55719	ZM_082_B2_H11		ZM_082_B2_H11_MR
55720	ZM_082_B2_H12	ZM_082_B2_H12_T7C	
55721	ZM_082_B2_H12		ZM_082_B2_H12_MR
55722	ZM_083_A1_A01	ZM_083_A1_A01_T7	
55723	ZM_083_A1_A02	ZM_083_A1_A02_T7	
55724	ZM_083_A1_A03	ZM_083_A1_A03_T7	
55725	ZM_083_A1_A04	ZM_083_A1_A04_T7	
55726	ZM_083_A1_A04		ZM_083_A1_A04_MR
55727	ZM_083_A1_A05	ZM_083_A1_A05_T7	
55728	ZM_083_A1_A05		ZM_083_A1_A05_MR
55729	ZM_083_A1_A06	ZM_083_A1_A06_T7	
55730	ZM_083_A1_A07	ZM_083_A1_A07_T7	
55731	ZM_083_A1_A07		ZM_083_A1_A07_MR
55732	ZM_083_A1_A08	ZM_083_A1_A08_T7	
55733	ZM_083_A1_A09	ZM_083_A1_A09_T7	
55734	ZM_083_A1_A10	ZM_083_A1_A10_T7	
55735	ZM_083_A1_A10		ZM_083_A1_A10_MR
55736	ZM_083_A1_A11	ZM_083_A1_A11_T7	
55737	ZM_083_A1_A11		ZM_083_A1_A11_MR
55738	ZM_083_A1_A12	ZM_083_A1_A12_T7	
55739	ZM_083_A1_B01		ZM_083_A1_B01_MR
55740	ZM_083_A1_B02	ZM_083_A1_B02_T7	
55741	ZM_083_A1_B03	ZM_083_A1_B03_T7	
55742	ZM_083_A1_B04	ZM_083_A1_B04_T7	
55743	ZM_083_A1_B05	ZM_083_A1_B05_T7	
55744	ZM_083_A1_B05		ZM_083_A1_B05_MR
55745	ZM_083_A1_B06	ZM_083_A1_B06_T7	
55746	ZM_083_A1_B06		ZM_083_A1_B06_MR
55747	ZM_083_A1_B07	ZM_083_A1_B07_T7	
55748	ZM_083_A1_B07		ZM_083_A1_B07_MR
55749	ZM_083_A1_B08	ZM_083_A1_B08_T7	
55750	ZM_083_A1_B09	ZM_083_A1_B09_T7	
55751	ZM_083_A1_B10		ZM_083_A1_B10_MR
55752	ZM_083_A1_B11		ZM_083_A1_B11_MR
55753	ZM_083_A1_C01	ZM_083_A1_C01_T7	
55754	ZM_083_A1_C02	ZM_083_A1_C02_T7	
55755	ZM_083_A1_C03	ZM_083_A1_C03_T7	
55756	ZM_083_A1_C04	ZM_083_A1_C04_T7	
55757	ZM_083_A1_C04		ZM_083_A1_C04_MR
55758	ZM_083_A1_C05	ZM_083_A1_C05_T7	
55759	ZM_083_A1_C05		ZM_083_A1_C05_MR
55760	ZM_083_A1_C06	ZM_083_A1_C06_T7	
55761	ZM_083_A1_C06		ZM_083_A1_C06_MR
55762	ZM_083_A1_C07	ZM_083_A1_C07_T7	
55763	ZM_083_A1_C07		ZM_083_A1_C07_MR
55764	ZM_083_A1_C08	ZM_083_A1_C08_T7	
55765	ZM_083_A1_C10	ZM_083_A1_C10_T7	
55766	ZM_083_A1_C10		ZM_083_A1_C10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55767	ZM_083_A1_C11	ZM_083_A1_C11_T7	
55768	ZM_083_A1_C11		ZM_083_A1_C11_MR
55769	ZM_083_A1_C12	ZM_083_A1_C12_T7	
55770	ZM_083_A1_D01	ZM_083_A1_D01_T7	
55771	ZM_083_A1_D02	ZM_083_A1_D02_T7	
55772	ZM_083_A1_D02		ZM_083_A1_D02_MR
55773	ZM_083_A1_D03	ZM_083_A1_D03_T7	
55774	ZM_083_A1_D04	ZM_083_A1_D04_T7	
55775	ZM_083_A1_D04		ZM_083_A1_D04_MR
55776	ZM_083_A1_D05	ZM_083_A1_D05_T7	
55777	ZM_083_A1_D05		ZM_083_A1_D05_MR
55778	ZM_083_A1_D06	ZM_083_A1_D06_T7	
55779	ZM_083_A1_D07	ZM_083_A1_D07_T7	
55780	ZM_083_A1_D07		ZM_083_A1_D07_MR
55781	ZM_083_A1_D08	ZM_083_A1_D08_T7	
55782	ZM_083_A1_D08		ZM_083_A1_D08_MR
55783	ZM_083_A1_D09	ZM_083_A1_D09_T7	
55784	ZM_083_A1_D09		ZM_083_A1_D09_MR
55785	ZM_083_A1_D10	ZM_083_A1_D10_T7	
55786	ZM_083_A1_D10		ZM_083_A1_D10_MR
55787	ZM_083_A1_D11	ZM_083_A1_D11_T7	
55788	ZM_083_A1_D12	ZM_083_A1_D12_T7	
55789	ZM_083_A1_D12		ZM_083_A1_D12_MR
55790	ZM_083_A1_E01	ZM_083_A1_E01_T7	
55791	ZM_083_A1_E02	ZM_083_A1_E02_T7	
55792	ZM_083_A1_E02		ZM_083_A1_E02_MR
55793	ZM_083_A1_E03	ZM_083_A1_E03_T7	
55794	ZM_083_A1_E03		ZM_083_A1_E03_MR
55795	ZM_083_A1_E05	ZM_083_A1_E05_T7	
55796	ZM_083_A1_E05		ZM_083_A1_E05_MR
55797	ZM_083_A1_E06	ZM_083_A1_E06_T7	
55798	ZM_083_A1_E07	ZM_083_A1_E07_T7	
55799	ZM_083_A1_E07		ZM_083_A1_E07_MR
55800	ZM_083_A1_E08	ZM_083_A1_E08_T7	
55801	ZM_083_A1_E08		ZM_083_A1_E08_MR
55802	ZM_083_A1_E09	ZM_083_A1_E09_T7	
55803	ZM_083_A1_E09		ZM_083_A1_E09_MR
55804	ZM_083_A1_E11	ZM_083_A1_E11_T7	
55805	ZM_083_A1_E11		ZM_083_A1_E11_MR
55806	ZM_083_A1_E12	ZM_083_A1_E12_T7	
55807	ZM_083_A1_E12		ZM_083_A1_E12_MR
55808	ZM_083_A1_F01	ZM_083_A1_F01_T7	
55809	ZM_083_A1_F01		ZM_083_A1_F01_MR
55810	ZM_083_A1_F02	ZM_083_A1_F02_T7	
55811	ZM_083_A1_F02		ZM_083_A1_F02_MR
55812	ZM_083_A1_F03	ZM_083_A1_F03_T7	
55813	ZM_083_A1_F03		ZM_083_A1_F03_MR
55814	ZM_083_A1_F04	ZM_083_A1_F04_T7	
55815	ZM_083_A1_F04		ZM_083_A1_F04_MR
55816	ZM_083_A1_F05	ZM_083_A1_F05_T7	
55817	ZM_083_A1_F05		ZM_083_A1_F05_MR
55818	ZM_083_A1_F06	ZM_083_A1_F06_T7	
55819	ZM_083_A1_F06		ZM_083_A1_F06_MR
55820	ZM_083_A1_F07	ZM_083_A1_F07_T7	
55821	ZM_083_A1_F08	ZM_083_A1_F08_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55822	ZM_083_A1_F08		ZM_083_A1_F08_MR
55823	ZM_083_A1_F09		ZM_083_A1_F09_MR
55824	ZM_083_A1_F10	ZM_083_A1_F10_T7	
55825	ZM_083_A1_F10		ZM_083_A1_F10_MR
55826	ZM_083_A1_F11	ZM_083_A1_F11_T7	
55827	ZM_083_A1_F11		ZM_083_A1_F11_MR
55828	ZM_083_A1_F12	ZM_083_A1_F12_T7	
55829	ZM_083_A1_F12		ZM_083_A1_F12_MR
55830	ZM_083_A1_G01	ZM_083_A1_G01_T7	
55831	ZM_083_A1_G01		ZM_083_A1_G01_MR
55832	ZM_083_A1_G02	ZM_083_A1_G02_T7	
55833	ZM_083_A1_G02		ZM_083_A1_G02_MR
55834	ZM_083_A1_G03	ZM_083_A1_G03_T7	
55835	ZM_083_A1_G03		ZM_083_A1_G03_MR
55836	ZM_083_A1_G04	ZM_083_A1_G04_T7	
55837	ZM_083_A1_G04		ZM_083_A1_G04_MR
55838	ZM_083_A1_G05	ZM_083_A1_G05_T7	
55839	ZM_083_A1_G05		ZM_083_A1_G05_MR
55840	ZM_083_A1_G06	ZM_083_A1_G06_T7	
55841	ZM_083_A1_G06		ZM_083_A1_G06_MR
55842	ZM_083_A1_G07	ZM_083_A1_G07_T7	
55843	ZM_083_A1_G07		ZM_083_A1_G07_MR
55844	ZM_083_A1_G08	ZM_083_A1_G08_T7	
55845	ZM_083_A1_G08		ZM_083_A1_G08_MR
55846	ZM_083_A1_G09	ZM_083_A1_G09_T7	
55847	ZM_083_A1_G09		ZM_083_A1_G09_MR
55848	ZM_083_A1_G10	ZM_083_A1_G10_T7	
55849	ZM_083_A1_G10		ZM_083_A1_G10_MR
55850	ZM_083_A1_G11	ZM_083_A1_G11_T7	
55851	ZM_083_A1_G11		ZM_083_A1_G11_MR
55852	ZM_083_A1_G12		ZM_083_A1_G12_MR
55853	ZM_083_A1_H01	ZM_083_A1_H01_T7	
55854	ZM_083_A1_H01		ZM_083_A1_H01_MR
55855	ZM_083_A1_H02	ZM_083_A1_H02_T7	
55856	ZM_083_A1_H03	ZM_083_A1_H03_T7	
55857	ZM_083_A1_H04	ZM_083_A1_H04_T7	
55858	ZM_083_A1_H04		ZM_083_A1_H04_MR
55859	ZM_083_A1_H05	ZM_083_A1_H05_T7	
55860	ZM_083_A1_H06	ZM_083_A1_H06_T7	
55861	ZM_083_A1_H07	ZM_083_A1_H07_T7	
55862	ZM_083_A1_H07		ZM_083_A1_H07_MR
55863	ZM_083_A1_H08	ZM_083_A1_H08_T7	
55864	ZM_083_A1_H08		ZM_083_A1_H08_MR
55865	ZM_083_A1_H09		ZM_083_A1_H09_MR
55866	ZM_083_A1_H10	ZM_083_A1_H10_T7	
55867	ZM_083_A1_H10		ZM_083_A1_H10_MR
55868	ZM_083_A1_H11	ZM_083_A1_H11_T7	
55869	ZM_083_A1_H12	ZM_083_A1_H12_T7	
55870	ZM_083_A1_H12		ZM_083_A1_H12_MR
55871	ZM_083_A2_A01	ZM_083_A2_A01_T7	
55872	ZM_083_A2_A01		ZM_083_A2_A01_MR
55873	ZM_083_A2_A03	ZM_083_A2_A03_T7	
55874	ZM_083_A2_A03		ZM_083_A2_A03_MR
55875	ZM_083_A2_A04	ZM_083_A2_A04_T7	
55876	ZM_083_A2_A04		ZM_083_A2_A04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55877	ZM_083_A2_A05	ZM_083_A2_A05_T7	
55878	ZM_083_A2_A05		ZM_083_A2_A05_MR
55879	ZM_083_A2_A06	ZM_083_A2_A06_T7	
55880	ZM_083_A2_A06		ZM_083_A2_A06_MR
55881	ZM_083_A2_A07	ZM_083_A2_A07_T7	
55882	ZM_083_A2_A07		ZM_083_A2_A07_MR
55883	ZM_083_A2_A08	ZM_083_A2_A08_T7	
55884	ZM_083_A2_A09	ZM_083_A2_A09_T7	
55885	ZM_083_A2_A09		ZM_083_A2_A09_MR
55886	ZM_083_A2_A10	ZM_083_A2_A10_T7	
55887	ZM_083_A2_A10		ZM_083_A2_A10_MR
55888	ZM_083_A2_A11		ZM_083_A2_A11_MR
55889	ZM_083_A2_A12	ZM_083_A2_A12_T7	
55890	ZM_083_A2_A12		ZM_083_A2_A12_MR
55891	ZM_083_A2_B02	ZM_083_A2_B02_T7	
55892	ZM_083_A2_B02		ZM_083_A2_B02_MR
55893	ZM_083_A2_B03	ZM_083_A2_B03_T7	
55894	ZM_083_A2_B03		ZM_083_A2_B03_MR
55895	ZM_083_A2_B04	ZM_083_A2_B04_T7	
55896	ZM_083_A2_B04		ZM_083_A2_B04_MR
55897	ZM_083_A2_B05	ZM_083_A2_B05_T7	
55898	ZM_083_A2_B05		ZM_083_A2_B05_MR
55899	ZM_083_A2_B06	ZM_083_A2_B06_T7	
55900	ZM_083_A2_B06		ZM_083_A2_B06_MR
55901	ZM_083_A2_B07	ZM_083_A2_B07_T7	
55902	ZM_083_A2_B07		ZM_083_A2_B07_MR
55903	ZM_083_A2_B08	ZM_083_A2_B08_T7	
55904	ZM_083_A2_B08		ZM_083_A2_B08_MR
55905	ZM_083_A2_B09	ZM_083_A2_B09_T7	
55906	ZM_083_A2_B09		ZM_083_A2_B09_MR
55907	ZM_083_A2_B10	ZM_083_A2_B10_T7	
55908	ZM_083_A2_B10		ZM_083_A2_B10_MR
55909	ZM_083_A2_B11	ZM_083_A2_B11_T7	
55910	ZM_083_A2_B11		ZM_083_A2_B11_MR
55911	ZM_083_A2_C01	ZM_083_A2_C01_T7	
55912	ZM_083_A2_C01		ZM_083_A2_C01_MR
55913	ZM_083_A2_C02	ZM_083_A2_C02_T7	
55914	ZM_083_A2_C02		ZM_083_A2_C02_MR
55915	ZM_083_A2_C03	ZM_083_A2_C03_T7	
55916	ZM_083_A2_C03		ZM_083_A2_C03_MR
55917	ZM_083_A2_C04	ZM_083_A2_C04_T7	
55918	ZM_083_A2_C04		ZM_083_A2_C04_MR
55919	ZM_083_A2_C05	ZM_083_A2_C05_T7	
55920	ZM_083_A2_C05		ZM_083_A2_C05_MR
55921	ZM_083_A2_C06	ZM_083_A2_C06_T7	
55922	ZM_083_A2_C06		ZM_083_A2_C06_MR
55923	ZM_083_A2_C07	ZM_083_A2_C07_T7	
55924	ZM_083_A2_C07		ZM_083_A2_C07_MR
55925	ZM_083_A2_C08	ZM_083_A2_C08_T7	
55926	ZM_083_A2_C08		ZM_083_A2_C08_MR
55927	ZM_083_A2_C09	ZM_083_A2_C09_T7	
55928	ZM_083_A2_C09		ZM_083_A2_C09_MR
55929	ZM_083_A2_C10	ZM_083_A2_C10_T7	
55930	ZM_083_A2_C10		ZM_083_A2_C10_MR
55931	ZM_083_A2_C11	ZM_083_A2_C11_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55932	ZM_083_A2_C11		ZM_083_A2_C11_MR
55933	ZM_083_A2_C12	ZM_083_A2_C12_T7	
55934	ZM_083_A2_C12		ZM_083_A2_C12_MR
55935	ZM_083_A2_D01	ZM_083_A2_D01_T7	
55936	ZM_083_A2_D01		ZM_083_A2_D01_MR
55937	ZM_083_A2_D02	ZM_083_A2_D02_T7	
55938	ZM_083_A2_D02		ZM_083_A2_D02_MR
55939	ZM_083_A2_D03	ZM_083_A2_D03_T7	
55940	ZM_083_A2_D03		ZM_083_A2_D03_MR
55941	ZM_083_A2_D04	ZM_083_A2_D04_T7	
55942	ZM_083_A2_D04		ZM_083_A2_D04_MR
55943	ZM_083_A2_D05	ZM_083_A2_D05_T7	
55944	ZM_083_A2_D05		ZM_083_A2_D05_MR
55945	ZM_083_A2_D06	ZM_083_A2_D06_T7	
55946	ZM_083_A2_D06		ZM_083_A2_D06_MR
55947	ZM_083_A2_D07	ZM_083_A2_D07_T7	
55948	ZM_083_A2_D07		ZM_083_A2_D07_MR
55949	ZM_083_A2_D08	ZM_083_A2_D08_T7	
55950	ZM_083_A2_D08		ZM_083_A2_D08_MR
55951	ZM_083_A2_D09	ZM_083_A2_D09_T7	
55952	ZM_083_A2_D09		ZM_083_A2_D09_MR
55953	ZM_083_A2_D10	ZM_083_A2_D10_T7	
55954	ZM_083_A2_D10		ZM_083_A2_D10_MR
55955	ZM_083_A2_D11	ZM_083_A2_D11_T7	
55956	ZM_083_A2_D11		ZM_083_A2_D11_MR
55957	ZM_083_A2_D12	ZM_083_A2_D12_T7	
55958	ZM_083_A2_D12		ZM_083_A2_D12_MR
55959	ZM_083_A2_E01	ZM_083_A2_E01_T7	
55960	ZM_083_A2_E01		ZM_083_A2_E01_MR
55961	ZM_083_A2_E02	ZM_083_A2_E02_T7	
55962	ZM_083_A2_E02		ZM_083_A2_E02_MR
55963	ZM_083_A2_E03	ZM_083_A2_E03_T7	
55964	ZM_083_A2_E03		ZM_083_A2_E03_MR
55965	ZM_083_A2_E04	ZM_083_A2_E04_T7	
55966	ZM_083_A2_E04		ZM_083_A2_E04_MR
55967	ZM_083_A2_E05	ZM_083_A2_E05_T7	
55968	ZM_083_A2_E05		ZM_083_A2_E05_MR
55969	ZM_083_A2_E06	ZM_083_A2_E06_T7	
55970	ZM_083_A2_E06		ZM_083_A2_E06_MR
55971	ZM_083_A2_E07	ZM_083_A2_E07_T7	
55972	ZM_083_A2_E07		ZM_083_A2_E07_MR
55973	ZM_083_A2_E08	ZM_083_A2_E08_T7	
55974	ZM_083_A2_E08		ZM_083_A2_E08_MR
55975	ZM_083_A2_E09	ZM_083_A2_E09_T7	
55976	ZM_083_A2_E09		ZM_083_A2_E09_MR
55977	ZM_083_A2_E10	ZM_083_A2_E10_T7	
55978	ZM_083_A2_E10		ZM_083_A2_E10_MR
55979	ZM_083_A2_E11	ZM_083_A2_E11_T7	
55980	ZM_083_A2_E11		ZM_083_A2_E11_MR
55981	ZM_083_A2_E12	ZM_083_A2_E12_T7	
55982	ZM_083_A2_E12		ZM_083_A2_E12_MR
55983	ZM_083_A2_F01	ZM_083_A2_F01_T7	
55984	ZM_083_A2_F01		ZM_083_A2_F01_MR
55985	ZM_083_A2_F02	ZM_083_A2_F02_T7	
55986	ZM_083_A2_F02		ZM_083_A2_F02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
55987	ZM_083_A2_F03	ZM_083_A2_F03_T7	
55988	ZM_083_A2_F03		ZM_083_A2_F03_MR
55989	ZM_083_A2_F04	ZM_083_A2_F04_T7	
55990	ZM_083_A2_F04		ZM_083_A2_F04_MR
55991	ZM_083_A2_F05	ZM_083_A2_F05_T7	
55992	ZM_083_A2_F05		ZM_083_A2_F05_MR
55993	ZM_083_A2_F06	ZM_083_A2_F06_T7	
55994	ZM_083_A2_F06		ZM_083_A2_F06_MR
55995	ZM_083_A2_F07	ZM_083_A2_F07_T7	
55996	ZM_083_A2_F07		ZM_083_A2_F07_MR
55997	ZM_083_A2_F08	ZM_083_A2_F08_T7	
55998	ZM_083_A2_F08		ZM_083_A2_F08_MR
55999	ZM_083_A2_F09	ZM_083_A2_F09_T7	
56000	ZM_083_A2_F09		ZM_083_A2_F09_MR
56001	ZM_083_A2_F10	ZM_083_A2_F10_T7	
56002	ZM_083_A2_F10		ZM_083_A2_F10_MR
56003	ZM_083_A2_F11	ZM_083_A2_F11_T7	
56004	ZM_083_A2_F11		ZM_083_A2_F11_MR
56005	ZM_083_A2_F12	ZM_083_A2_F12_T7	
56006	ZM_083_A2_F12		ZM_083_A2_F12_MR
56007	ZM_083_A2_G01	ZM_083_A2_G01_T7	
56008	ZM_083_A2_G01		ZM_083_A2_G01_MR
56009	ZM_083_A2_G02	ZM_083_A2_G02_T7	
56010	ZM_083_A2_G02		ZM_083_A2_G02_MR
56011	ZM_083_A2_G03	ZM_083_A2_G03_T7	
56012	ZM_083_A2_G03		ZM_083_A2_G03_MR
56013	ZM_083_A2_G04	ZM_083_A2_G04_T7	
56014	ZM_083_A2_G04		ZM_083_A2_G04_MR
56015	ZM_083_A2_G05	ZM_083_A2_G05_T7	
56016	ZM_083_A2_G05		ZM_083_A2_G05_MR
56017	ZM_083_A2_G06	ZM_083_A2_G06_T7	
56018	ZM_083_A2_G06		ZM_083_A2_G06_MR
56019	ZM_083_A2_G07	ZM_083_A2_G07_T7	
56020	ZM_083_A2_G07		ZM_083_A2_G07_MR
56021	ZM_083_A2_G08	ZM_083_A2_G08_T7	
56022	ZM_083_A2_G08		ZM_083_A2_G08_MR
56023	ZM_083_A2_G09	ZM_083_A2_G09_T7	
56024	ZM_083_A2_G09		ZM_083_A2_G09_MR
56025	ZM_083_A2_G10	ZM_083_A2_G10_T7	
56026	ZM_083_A2_G10		ZM_083_A2_G10_MR
56027	ZM_083_A2_G11	ZM_083_A2_G11_T7	
56028	ZM_083_A2_G11		ZM_083_A2_G11_MR
56029	ZM_083_A2_G12	ZM_083_A2_G12_T7	
56030	ZM_083_A2_G12		ZM_083_A2_G12_MR
56031	ZM_083_A2_H01	ZM_083_A2_H01_T7	
56032	ZM_083_A2_H01		ZM_083_A2_H01_MR
56033	ZM_083_A2_H02	ZM_083_A2_H02_T7	
56034	ZM_083_A2_H02		ZM_083_A2_H02_MR
56035	ZM_083_A2_H03	ZM_083_A2_H03_T7	
56036	ZM_083_A2_H03		ZM_083_A2_H03_MR
56037	ZM_083_A2_H04	ZM_083_A2_H04_T7	
56038	ZM_083_A2_H04		ZM_083_A2_H04_MR
56039	ZM_083_A2_H05	ZM_083_A2_H05_T7	
56040	ZM_083_A2_H05		ZM_083_A2_H05_MR
56041	ZM_083_A2_H06	ZM_083_A2_H06_T7	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56042	ZM_083_A2_H06		ZM_083_A2_H06_MR
56043	ZM_083_A2_H07	ZM_083_A2_H07_T7	
56044	ZM_083_A2_H07		ZM_083_A2_H07_MR
56045	ZM_083_A2_H08	ZM_083_A2_H08_T7	
56046	ZM_083_A2_H08		ZM_083_A2_H08_MR
56047	ZM_083_A2_H09	ZM_083_A2_H09_T7	
56048	ZM_083_A2_H09		ZM_083_A2_H09_MR
56049	ZM_083_A2_H10	ZM_083_A2_H10_T7	
56050	ZM_083_A2_H10		ZM_083_A2_H10_MR
56051	ZM_083_A2_H11		ZM_083_A2_H11_MR
56052	ZM_083_A2_H12	ZM_083_A2_H12_T7	
56053	ZM_083_A2_H12		ZM_083_A2_H12_MR
56054	ZM_083_B2_A01	ZM_083_B2_A01_T7C	
56055	ZM_083_B2_A02	ZM_083_B2_A02_T7C	
56056	ZM_083_B2_A03	ZM_083_B2_A03_T7C	
56057	ZM_083_B2_A03		ZM_083_B2_A03_MR
56058	ZM_083_B2_A04	ZM_083_B2_A04_T7C	
56059	ZM_083_B2_A05	ZM_083_B2_A05_T7C	
56060	ZM_083_B2_A05		ZM_083_B2_A05_MR
56061	ZM_083_B2_A06	ZM_083_B2_A06_T7C	
56062	ZM_083_B2_A06		ZM_083_B2_A06_MR
56063	ZM_083_B2_A07	ZM_083_B2_A07_T7C	
56064	ZM_083_B2_A07		ZM_083_B2_A07_MR
56065	ZM_083_B2_A10	ZM_083_B2_A10_T7C	
56066	ZM_083_B2_A10		ZM_083_B2_A10_MR
56067	ZM_083_B2_A11	ZM_083_B2_A11_T7C	
56068	ZM_083_B2_A12	ZM_083_B2_A12_T7C	
56069	ZM_083_B2_A12		ZM_083_B2_A12_MR
56070	ZM_083_B2_B01	ZM_083_B2_B01_T7C	
56071	ZM_083_B2_B01		ZM_083_B2_B01_MR
56072	ZM_083_B2_B02	ZM_083_B2_B02_T7C	
56073	ZM_083_B2_B02		ZM_083_B2_B02_MR
56074	ZM_083_B2_B03	ZM_083_B2_B03_T7C	
56075	ZM_083_B2_B03		ZM_083_B2_B03_MR
56076	ZM_083_B2_B04	ZM_083_B2_B04_T7C	
56077	ZM_083_B2_B05	ZM_083_B2_B05_T7C	
56078	ZM_083_B2_B05		ZM_083_B2_B05_MR
56079	ZM_083_B2_B06	ZM_083_B2_B06_T7C	
56080	ZM_083_B2_B07	ZM_083_B2_B07_T7C	
56081	ZM_083_B2_B08	ZM_083_B2_B08_T7C	
56082	ZM_083_B2_B08		ZM_083_B2_B08_MR
56083	ZM_083_B2_B09		ZM_083_B2_B09_MR
56084	ZM_083_B2_B10	ZM_083_B2_B10_T7C	
56085	ZM_083_B2_B10		ZM_083_B2_B10_MR
56086	ZM_083_B2_B11	ZM_083_B2_B11_T7C	
56087	ZM_083_B2_B12	ZM_083_B2_B12_T7C	
56088	ZM_083_B2_B12		ZM_083_B2_B12_MR
56089	ZM_083_B2_C01		ZM_083_B2_C01_MR
56090	ZM_083_B2_C02		ZM_083_B2_C02_MR
56091	ZM_083_B2_C03	ZM_083_B2_C03_T7C	
56092	ZM_083_B2_C03		ZM_083_B2_C03_MR
56093	ZM_083_B2_C04	ZM_083_B2_C04_T7C	
56094	ZM_083_B2_C05	ZM_083_B2_C05_T7C	
56095	ZM_083_B2_C07	ZM_083_B2_C07_T7C	
56096	ZM_083_B2_C08	ZM_083_B2_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56097	ZM_083_B2_C10	ZM_083_B2_C10_T7C	
56098	ZM_083_B2_C10		ZM_083_B2_C10_MR
56099	ZM_083_B2_C11	ZM_083_B2_C11_T7C	
56100	ZM_083_B2_C12	ZM_083_B2_C12_T7C	
56101	ZM_083_B2_D01	ZM_083_B2_D01_T7C	
56102	ZM_083_B2_D01		ZM_083_B2_D01_MR
56103	ZM_083_B2_D02	ZM_083_B2_D02_T7C	
56104	ZM_083_B2_D02		ZM_083_B2_D02_MR
56105	ZM_083_B2_D03	ZM_083_B2_D03_T7C	
56106	ZM_083_B2_D04	ZM_083_B2_D04_T7C	
56107	ZM_083_B2_D05		ZM_083_B2_D05_MR
56108	ZM_083_B2_D06	ZM_083_B2_D06_T7C	
56109	ZM_083_B2_D06		ZM_083_B2_D06_MR
56110	ZM_083_B2_D07	ZM_083_B2_D07_T7C	
56111	ZM_083_B2_D07		ZM_083_B2_D07_MR
56112	ZM_083_B2_D08	ZM_083_B2_D08_T7C	
56113	ZM_083_B2_D08		ZM_083_B2_D08_MR
56114	ZM_083_B2_D09	ZM_083_B2_D09_T7C	
56115	ZM_083_B2_D10		ZM_083_B2_D10_MR
56116	ZM_083_B2_D11	ZM_083_B2_D11_T7C	
56117	ZM_083_B2_D12	ZM_083_B2_D12_T7C	
56118	ZM_083_B2_D12		ZM_083_B2_D12_MR
56119	ZM_083_B2_E01	ZM_083_B2_E01_T7C	
56120	ZM_083_B2_E01		ZM_083_B2_E01_MR
56121	ZM_083_B2_E02	ZM_083_B2_E02_T7C	
56122	ZM_083_B2_E03	ZM_083_B2_E03_T7C	
56123	ZM_083_B2_E03		ZM_083_B2_E03_MR
56124	ZM_083_B2_E04	ZM_083_B2_E04_T7C	
56125	ZM_083_B2_E04		ZM_083_B2_E04_MR
56126	ZM_083_B2_E05	ZM_083_B2_E05_T7C	
56127	ZM_083_B2_E06	ZM_083_B2_E06_T7C	
56128	ZM_083_B2_E07	ZM_083_B2_E07_T7C	
56129	ZM_083_B2_E08	ZM_083_B2_E08_T7C	
56130	ZM_083_B2_E08		ZM_083_B2_E08_MR
56131	ZM_083_B2_E09	ZM_083_B2_E09_T7C	
56132	ZM_083_B2_E09		ZM_083_B2_E09_MR
56133	ZM_083_B2_E10	ZM_083_B2_E10_T7C	
56134	ZM_083_B2_E10		ZM_083_B2_E10_MR
56135	ZM_083_B2_E11	ZM_083_B2_E11_T7C	
56136	ZM_083_B2_E11		ZM_083_B2_E11_MR
56137	ZM_083_B2_E12	ZM_083_B2_E12_T7C	
56138	ZM_083_B2_E12		ZM_083_B2_E12_MR
56139	ZM_083_B2_F01	ZM_083_B2_F01_T7C	
56140	ZM_083_B2_F02	ZM_083_B2_F02_T7C	
56141	ZM_083_B2_F02		ZM_083_B2_F02_MR
56142	ZM_083_B2_F03	ZM_083_B2_F03_T7C	
56143	ZM_083_B2_F03		ZM_083_B2_F03_MR
56144	ZM_083_B2_F04	ZM_083_B2_F04_T7C	
56145	ZM_083_B2_F04		ZM_083_B2_F04_MR
56146	ZM_083_B2_F05	ZM_083_B2_F05_T7C	
56147	ZM_083_B2_F06	ZM_083_B2_F06_T7C	
56148	ZM_083_B2_F06		ZM_083_B2_F06_MR
56149	ZM_083_B2_F07	ZM_083_B2_F07_T7C	
56150	ZM_083_B2_F08	ZM_083_B2_F08_T7C	
56151	ZM_083_B2_F09	ZM_083_B2_F09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56152	ZM_083_B2_F09		ZM_083_B2_F09_MR
56153	ZM_083_B2_F10		ZM_083_B2_F10_MR
56154	ZM_083_B2_F11	ZM_083_B2_F11_T7C	
56155	ZM_083_B2_F11		ZM_083_B2_F11_MR
56156	ZM_083_B2_F12	ZM_083_B2_F12_T7C	
56157	ZM_083_B2_F12		ZM_083_B2_F12_MR
56158	ZM_083_B2_G01	ZM_083_B2_G01_T7C	
56159	ZM_083_B2_G02	ZM_083_B2_G02_T7C	
56160	ZM_083_B2_G02		ZM_083_B2_G02_MR
56161	ZM_083_B2_G04		ZM_083_B2_G04_MR
56162	ZM_083_B2_G05	ZM_083_B2_G05_T7C	
56163	ZM_083_B2_G05		ZM_083_B2_G05_MR
56164	ZM_083_B2_G06	ZM_083_B2_G06_T7C	
56165	ZM_083_B2_G07	ZM_083_B2_G07_T7C	
56166	ZM_083_B2_G08	ZM_083_B2_G08_T7C	
56167	ZM_083_B2_G10	ZM_083_B2_G10_T7C	
56168	ZM_083_B2_G10		ZM_083_B2_G10_MR
56169	ZM_083_B2_G11	ZM_083_B2_G11_T7C	
56170	ZM_083_B2_G12	ZM_083_B2_G12_T7C	
56171	ZM_083_B2_H03		ZM_083_B2_H03_MR
56172	ZM_083_B2_H04	ZM_083_B2_H04_T7C	
56173	ZM_083_B2_H04		ZM_083_B2_H04_MR
56174	ZM_083_B2_H05		ZM_083_B2_H05_MR
56175	ZM_083_B2_H06	ZM_083_B2_H06_T7C	
56176	ZM_083_B2_H06		ZM_083_B2_H06_MR
56177	ZM_083_B2_H07	ZM_083_B2_H07_T7C	
56178	ZM_083_B2_H08	ZM_083_B2_H08_T7C	
56179	ZM_083_B2_H08		ZM_083_B2_H08_MR
56180	ZM_083_B2_H09	ZM_083_B2_H09_T7C	
56181	ZM_083_B2_H09		ZM_083_B2_H09_MR
56182	ZM_083_B2_H10		ZM_083_B2_H10_MR
56183	ZM_083_B2_H11	ZM_083_B2_H11_T7C	
56184	ZM_083_B2_H12	ZM_083_B2_H12_T7C	
56185	ZM_084_B2_A01	ZM_084_B2_A01_T7C	
56186	ZM_084_B2_A01		ZM_084_B2_A01_MR
56187	ZM_084_B2_A02		ZM_084_B2_A02_MR
56188	ZM_084_B2_A03	ZM_084_B2_A03_T7C	
56189	ZM_084_B2_A03		ZM_084_B2_A03_MR
56190	ZM_084_B2_A04	ZM_084_B2_A04_T7C	
56191	ZM_084_B2_A04		ZM_084_B2_A04_MR
56192	ZM_084_B2_A05	ZM_084_B2_A05_T7C	
56193	ZM_084_B2_A05		ZM_084_B2_A05_MR
56194	ZM_084_B2_A06	ZM_084_B2_A06_T7C	
56195	ZM_084_B2_A06		ZM_084_B2_A06_MR
56196	ZM_084_B2_A07		ZM_084_B2_A07_MR
56197	ZM_084_B2_A08	ZM_084_B2_A08_T7C	
56198	ZM_084_B2_A08		ZM_084_B2_A08_MR
56199	ZM_084_B2_A09	ZM_084_B2_A09_T7C	
56200	ZM_084_B2_A10	ZM_084_B2_A10_T7C	
56201	ZM_084_B2_A10		ZM_084_B2_A10_MR
56202	ZM_084_B2_A11		ZM_084_B2_A11_MR
56203	ZM_084_B2_A12	ZM_084_B2_A12_T7C	
56204	ZM_084_B2_A12		ZM_084_B2_A12_MR
56205	ZM_084_B2_B01	ZM_084_B2_B01_T7C	
56206	ZM_084_B2_B01		ZM_084_B2_B01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56207	ZM_084_B2_B02	ZM_084_B2_B02_T7C	
56208	ZM_084_B2_B02		ZM_084_B2_B02_MR
56209	ZM_084_B2_B03	ZM_084_B2_B03_T7C	
56210	ZM_084_B2_B03		ZM_084_B2_B03_MR
56211	ZM_084_B2_B04	ZM_084_B2_B04_T7C	
56212	ZM_084_B2_B04		ZM_084_B2_B04_MR
56213	ZM_084_B2_B05	ZM_084_B2_B05_T7C	
56214	ZM_084_B2_B05		ZM_084_B2_B05_MR
56215	ZM_084_B2_B06	ZM_084_B2_B06_T7C	
56216	ZM_084_B2_B06		ZM_084_B2_B06_MR
56217	ZM_084_B2_B07	ZM_084_B2_B07_T7C	
56218	ZM_084_B2_B07		ZM_084_B2_B07_MR
56219	ZM_084_B2_B08	ZM_084_B2_B08_T7C	
56220	ZM_084_B2_B08		ZM_084_B2_B08_MR
56221	ZM_084_B2_B09	ZM_084_B2_B09_T7C	
56222	ZM_084_B2_B10	ZM_084_B2_B10_T7C	
56223	ZM_084_B2_B10		ZM_084_B2_B10_MR
56224	ZM_084_B2_B11	ZM_084_B2_B11_T7C	
56225	ZM_084_B2_B11		ZM_084_B2_B11_MR
56226	ZM_084_B2_B12	ZM_084_B2_B12_T7C	
56227	ZM_084_B2_B12		ZM_084_B2_B12_MR
56228	ZM_084_B2_C01	ZM_084_B2_C01_T7C	
56229	ZM_084_B2_C01		ZM_084_B2_C01_MR
56230	ZM_084_B2_C02	ZM_084_B2_C02_T7C	
56231	ZM_084_B2_C02		ZM_084_B2_C02_MR
56232	ZM_084_B2_C03	ZM_084_B2_C03_T7C	
56233	ZM_084_B2_C03		ZM_084_B2_C03_MR
56234	ZM_084_B2_C04	ZM_084_B2_C04_T7C	
56235	ZM_084_B2_C04		ZM_084_B2_C04_MR
56236	ZM_084_B2_C05	ZM_084_B2_C05_T7C	
56237	ZM_084_B2_C05		ZM_084_B2_C05_MR
56238	ZM_084_B2_C06	ZM_084_B2_C06_T7C	
56239	ZM_084_B2_C06		ZM_084_B2_C06_MR
56240	ZM_084_B2_C07	ZM_084_B2_C07_T7C	
56241	ZM_084_B2_C07		ZM_084_B2_C07_MR
56242	ZM_084_B2_C08	ZM_084_B2_C08_T7C	
56243	ZM_084_B2_C08		ZM_084_B2_C08_MR
56244	ZM_084_B2_C10	ZM_084_B2_C10_T7C	
56245	ZM_084_B2_C10		ZM_084_B2_C10_MR
56246	ZM_084_B2_C11	ZM_084_B2_C11_T7C	
56247	ZM_084_B2_C11		ZM_084_B2_C11_MR
56248	ZM_084_B2_C12	ZM_084_B2_C12_T7C	
56249	ZM_084_B2_C12		ZM_084_B2_C12_MR
56250	ZM_084_B2_D01	ZM_084_B2_D01_T7C	
56251	ZM_084_B2_D01		ZM_084_B2_D01_MR
56252	ZM_084_B2_D02	ZM_084_B2_D02_T7C	
56253	ZM_084_B2_D02		ZM_084_B2_D02_MR
56254	ZM_084_B2_D03	ZM_084_B2_D03_T7C	
56255	ZM_084_B2_D03		ZM_084_B2_D03_MR
56256	ZM_084_B2_D04		ZM_084_B2_D04_MR
56257	ZM_084_B2_D05	ZM_084_B2_D05_T7C	
56258	ZM_084_B2_D05		ZM_084_B2_D05_MR
56259	ZM_084_B2_D07	ZM_084_B2_D07_T7C	
56260	ZM_084_B2_D07		ZM_084_B2_D07_MR
56261	ZM_084_B2_D08	ZM_084_B2_D08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56262	ZM_084_B2_D08		ZM_084_B2_D08_MR
56263	ZM_084_B2_D10	ZM_084_B2_D10_T7C	
56264	ZM_084_B2_D10		ZM_084_B2_D10_MR
56265	ZM_084_B2_D11	ZM_084_B2_D11_T7C	
56266	ZM_084_B2_D11		ZM_084_B2_D11_MR
56267	ZM_084_B2_D12	ZM_084_B2_D12_T7C	
56268	ZM_084_B2_D12		ZM_084_B2_D12_MR
56269	ZM_084_B2_E01	ZM_084_B2_E01_T7C	
56270	ZM_084_B2_E01		ZM_084_B2_E01_MR
56271	ZM_084_B2_E02	ZM_084_B2_E02_T7C	
56272	ZM_084_B2_E02		ZM_084_B2_E02_MR
56273	ZM_084_B2_E04	ZM_084_B2_E04_T7C	
56274	ZM_084_B2_E04		ZM_084_B2_E04_MR
56275	ZM_084_B2_E05	ZM_084_B2_E05_T7C	
56276	ZM_084_B2_E05		ZM_084_B2_E05_MR
56277	ZM_084_B2_E06	ZM_084_B2_E06_T7C	
56278	ZM_084_B2_E06		ZM_084_B2_E06_MR
56279	ZM_084_B2_E07	ZM_084_B2_E07_T7C	
56280	ZM_084_B2_E07		ZM_084_B2_E07_MR
56281	ZM_084_B2_E08	ZM_084_B2_E08_T7C	
56282	ZM_084_B2_E08		ZM_084_B2_E08_MR
56283	ZM_084_B2_E10	ZM_084_B2_E10_T7C	
56284	ZM_084_B2_E10		ZM_084_B2_E10_MR
56285	ZM_084_B2_E11	ZM_084_B2_E11_T7C	
56286	ZM_084_B2_E11		ZM_084_B2_E11_MR
56287	ZM_084_B2_E12	ZM_084_B2_E12_T7C	
56288	ZM_084_B2_E12		ZM_084_B2_E12_MR
56289	ZM_084_B2_F01	ZM_084_B2_F01_T7C	
56290	ZM_084_B2_F01		ZM_084_B2_F01_MR
56291	ZM_084_B2_F02	ZM_084_B2_F02_T7C	
56292	ZM_084_B2_F02		ZM_084_B2_F02_MR
56293	ZM_084_B2_F03	ZM_084_B2_F03_T7C	
56294	ZM_084_B2_F03		ZM_084_B2_F03_MR
56295	ZM_084_B2_F04	ZM_084_B2_F04_T7C	
56296	ZM_084_B2_F04		ZM_084_B2_F04_MR
56297	ZM_084_B2_F05	ZM_084_B2_F05_T7C	
56298	ZM_084_B2_F05		ZM_084_B2_F05_MR
56299	ZM_084_B2_F06	ZM_084_B2_F06_T7C	
56300	ZM_084_B2_F06		ZM_084_B2_F06_MR
56301	ZM_084_B2_F07	ZM_084_B2_F07_T7C	
56302	ZM_084_B2_F07		ZM_084_B2_F07_MR
56303	ZM_084_B2_F08	ZM_084_B2_F08_T7C	
56304	ZM_084_B2_F08		ZM_084_B2_F08_MR
56305	ZM_084_B2_F09	ZM_084_B2_F09_T7C	
56306	ZM_084_B2_F09		ZM_084_B2_F09_MR
56307	ZM_084_B2_F10	ZM_084_B2_F10_T7C	
56308	ZM_084_B2_F10		ZM_084_B2_F10_MR
56309	ZM_084_B2_F11	ZM_084_B2_F11_T7C	
56310	ZM_084_B2_F12	ZM_084_B2_F12_T7C	
56311	ZM_084_B2_F12		ZM_084_B2_F12_MR
56312	ZM_084_B2_G01	ZM_084_B2_G01_T7C	
56313	ZM_084_B2_G01		ZM_084_B2_G01_MR
56314	ZM_084_B2_G02	ZM_084_B2_G02_T7C	
56315	ZM_084_B2_G02		ZM_084_B2_G02_MR
56316	ZM_084_B2_G03	ZM_084_B2_G03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56317	ZM_084_B2_G04	ZM_084_B2_G04_T7C	
56318	ZM_084_B2_G04		ZM_084_B2_G04_MR
56319	ZM_084_B2_G05	ZM_084_B2_G05_T7C	
56320	ZM_084_B2_G05		ZM_084_B2_G05_MR
56321	ZM_084_B2_G06		ZM_084_B2_G06_MR
56322	ZM_084_B2_G07	ZM_084_B2_G07_T7C	
56323	ZM_084_B2_G07		ZM_084_B2_G07_MR
56324	ZM_084_B2_G08	ZM_084_B2_G08_T7C	
56325	ZM_084_B2_G08		ZM_084_B2_G08_MR
56326	ZM_084_B2_G09	ZM_084_B2_G09_T7C	
56327	ZM_084_B2_G09		ZM_084_B2_G09_MR
56328	ZM_084_B2_G10	ZM_084_B2_G10_T7C	
56329	ZM_084_B2_G10		ZM_084_B2_G10_MR
56330	ZM_084_B2_G11	ZM_084_B2_G11_T7C	
56331	ZM_084_B2_G11		ZM_084_B2_G11_MR
56332	ZM_084_B2_G12	ZM_084_B2_G12_T7C	
56333	ZM_084_B2_G12		ZM_084_B2_G12_MR
56334	ZM_084_B2_H01	ZM_084_B2_H01_T7C	
56335	ZM_084_B2_H01		ZM_084_B2_H01_MR
56336	ZM_084_B2_H02		ZM_084_B2_H02_MR
56337	ZM_084_B2_H03	ZM_084_B2_H03_T7C	
56338	ZM_084_B2_H03		ZM_084_B2_H03_MR
56339	ZM_084_B2_H04	ZM_084_B2_H04_T7C	
56340	ZM_084_B2_H04		ZM_084_B2_H04_MR
56341	ZM_084_B2_H05	ZM_084_B2_H05_T7C	
56342	ZM_084_B2_H05		ZM_084_B2_H05_MR
56343	ZM_084_B2_H06	ZM_084_B2_H06_T7C	
56344	ZM_084_B2_H06		ZM_084_B2_H06_MR
56345	ZM_084_B2_H07	ZM_084_B2_H07_T7C	
56346	ZM_084_B2_H07		ZM_084_B2_H07_MR
56347	ZM_084_B2_H08	ZM_084_B2_H08_T7C	
56348	ZM_084_B2_H08		ZM_084_B2_H08_MR
56349	ZM_084_B2_H09	ZM_084_B2_H09_T7C	
56350	ZM_084_B2_H09		ZM_084_B2_H09_MR
56351	ZM_084_B2_H10		ZM_084_B2_H10_MR
56352	ZM_084_B2_H11		ZM_084_B2_H11_MR
56353	ZM_085_A1_A01	ZM_085_A1_A01_T7C	
56354	ZM_085_A1_A01		ZM_085_A1_A01_MR
56355	ZM_085_A1_A02	ZM_085_A1_A02_T7C	
56356	ZM_085_A1_A02		ZM_085_A1_A02_MR
56357	ZM_085_A1_A03	ZM_085_A1_A03_T7C	
56358	ZM_085_A1_A03		ZM_085_A1_A03_MR
56359	ZM_085_A1_A04	ZM_085_A1_A04_T7C	
56360	ZM_085_A1_A04		ZM_085_A1_A04_MR
56361	ZM_085_A1_A05	ZM_085_A1_A05_T7C	
56362	ZM_085_A1_A05		ZM_085_A1_A05_MR
56363	ZM_085_A1_A07	ZM_085_A1_A07_T7C	
56364	ZM_085_A1_A07		ZM_085_A1_A07_MR
56365	ZM_085_A1_A08	ZM_085_A1_A08_T7C	
56366	ZM_085_A1_A10	ZM_085_A1_A10_T7C	
56367	ZM_085_A1_A10		ZM_085_A1_A10_MR
56368	ZM_085_A1_A12	ZM_085_A1_A12_T7C	
56369	ZM_085_A1_B01		ZM_085_A1_B01_MR
56370	ZM_085_A1_B02	ZM_085_A1_B02_T7C	
56371	ZM_085_A1_B02		ZM_085_A1_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56372	ZM_085_A1_B03		ZM_085_A1_B03_MR
56373	ZM_085_A1_B04	ZM_085_A1_B04_T7C	
56374	ZM_085_A1_B04		ZM_085_A1_B04_MR
56375	ZM_085_A1_B05	ZM_085_A1_B05_T7C	
56376	ZM_085_A1_B05		ZM_085_A1_B05_MR
56377	ZM_085_A1_B06	ZM_085_A1_B06_T7C	
56378	ZM_085_A1_B06		ZM_085_A1_B06_MR
56379	ZM_085_A1_B07		ZM_085_A1_B07_MR
56380	ZM_085_A1_B08	ZM_085_A1_B08_T7C	
56381	ZM_085_A1_B08		ZM_085_A1_B08_MR
56382	ZM_085_A1_B09		ZM_085_A1_B09_MR
56383	ZM_085_A1_B10	ZM_085_A1_B10_T7C	
56384	ZM_085_A1_B10		ZM_085_A1_B10_MR
56385	ZM_085_A1_B12	ZM_085_A1_B12_T7C	
56386	ZM_085_A1_C02	ZM_085_A1_C02_T7C	
56387	ZM_085_A1_C02		ZM_085_A1_C02_MR
56388	ZM_085_A1_C03		ZM_085_A1_C03_MR
56389	ZM_085_A1_C04	ZM_085_A1_C04_T7C	
56390	ZM_085_A1_C04		ZM_085_A1_C04_MR
56391	ZM_085_A1_C05	ZM_085_A1_C05_T7C	
56392	ZM_085_A1_C05		ZM_085_A1_C05_MR
56393	ZM_085_A1_C06	ZM_085_A1_C06_T7C	
56394	ZM_085_A1_C06		ZM_085_A1_C06_MR
56395	ZM_085_A1_C07	ZM_085_A1_C07_T7C	
56396	ZM_085_A1_C07		ZM_085_A1_C07_MR
56397	ZM_085_A1_C08	ZM_085_A1_C08_T7C	
56398	ZM_085_A1_C08		ZM_085_A1_C08_MR
56399	ZM_085_A1_C09	ZM_085_A1_C09_T7C	
56400	ZM_085_A1_C09		ZM_085_A1_C09_MR
56401	ZM_085_A1_C10	ZM_085_A1_C10_T7C	
56402	ZM_085_A1_C10		ZM_085_A1_C10_MR
56403	ZM_085_A1_C11	ZM_085_A1_C11_T7C	
56404	ZM_085_A1_C11		ZM_085_A1_C11_MR
56405	ZM_085_A1_C12	ZM_085_A1_C12_T7C	
56406	ZM_085_A1_C12		ZM_085_A1_C12_MR
56407	ZM_085_A1_D01	ZM_085_A1_D01_T7C	
56408	ZM_085_A1_D01		ZM_085_A1_D01_MR
56409	ZM_085_A1_D02	ZM_085_A1_D02_T7C	
56410	ZM_085_A1_D02		ZM_085_A1_D02_MR
56411	ZM_085_A1_D03	ZM_085_A1_D03_T7C	
56412	ZM_085_A1_D03		ZM_085_A1_D03_MR
56413	ZM_085_A1_D04	ZM_085_A1_D04_T7C	
56414	ZM_085_A1_D04		ZM_085_A1_D04_MR
56415	ZM_085_A1_D05	ZM_085_A1_D05_T7C	
56416	ZM_085_A1_D05		ZM_085_A1_D05_MR
56417	ZM_085_A1_D06	ZM_085_A1_D06_T7C	
56418	ZM_085_A1_D07	ZM_085_A1_D07_T7C	
56419	ZM_085_A1_D08	ZM_085_A1_D08_T7C	
56420	ZM_085_A1_D08		ZM_085_A1_D08_MR
56421	ZM_085_A1_D09	ZM_085_A1_D09_T7C	
56422	ZM_085_A1_D10	ZM_085_A1_D10_T7C	
56423	ZM_085_A1_D10		ZM_085_A1_D10_MR
56424	ZM_085_A1_D11	ZM_085_A1_D11_T7C	
56425	ZM_085_A1_D11		ZM_085_A1_D11_MR
56426	ZM_085_A1_D12	ZM_085_A1_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56427	ZM_085_A1_D12		ZM_085_A1_D12_MR
56428	ZM_085_A1_E02	ZM_085_A1_E02_T7C	
56429	ZM_085_A1_E02		ZM_085_A1_E02_MR
56430	ZM_085_A1_E04	ZM_085_A1_E04_T7C	
56431	ZM_085_A1_E04		ZM_085_A1_E04_MR
56432	ZM_085_A1_E05	ZM_085_A1_E05_T7C	
56433	ZM_085_A1_E05		ZM_085_A1_E05_MR
56434	ZM_085_A1_E06	ZM_085_A1_E06_T7C	
56435	ZM_085_A1_E06		ZM_085_A1_E06_MR
56436	ZM_085_A1_E07	ZM_085_A1_E07_T7C	
56437	ZM_085_A1_E07		ZM_085_A1_E07_MR
56438	ZM_085_A1_E08		ZM_085_A1_E08_MR
56439	ZM_085_A1_E09	ZM_085_A1_E09_T7C	
56440	ZM_085_A1_E10	ZM_085_A1_E10_T7C	
56441	ZM_085_A1_E10		ZM_085_A1_E10_MR
56442	ZM_085_A1_E11	ZM_085_A1_E11_T7C	
56443	ZM_085_A1_E11		ZM_085_A1_E11_MR
56444	ZM_085_A1_E12		ZM_085_A1_E12_MR
56445	ZM_085_A1_F01	ZM_085_A1_F01_T7C	
56446	ZM_085_A1_F01		ZM_085_A1_F01_MR
56447	ZM_085_A1_F02	ZM_085_A1_F02_T7C	
56448	ZM_085_A1_F02		ZM_085_A1_F02_MR
56449	ZM_085_A1_F04	ZM_085_A1_F04_T7C	
56450	ZM_085_A1_F04		ZM_085_A1_F04_MR
56451	ZM_085_A1_F05	ZM_085_A1_F05_T7C	
56452	ZM_085_A1_F05		ZM_085_A1_F05_MR
56453	ZM_085_A1_F07	ZM_085_A1_F07_T7C	
56454	ZM_085_A1_F07		ZM_085_A1_F07_MR
56455	ZM_085_A1_F08	ZM_085_A1_F08_T7C	
56456	ZM_085_A1_F08		ZM_085_A1_F08_MR
56457	ZM_085_A1_F09	ZM_085_A1_F09_T7C	
56458	ZM_085_A1_F10	ZM_085_A1_F10_T7C	
56459	ZM_085_A1_F10		ZM_085_A1_F10_MR
56460	ZM_085_A1_F11	ZM_085_A1_F11_T7C	
56461	ZM_085_A1_F11		ZM_085_A1_F11_MR
56462	ZM_085_A1_F12	ZM_085_A1_F12_T7C	
56463	ZM_085_A1_F12		ZM_085_A1_F12_MR
56464	ZM_085_A1_G01	ZM_085_A1_G01_T7C	
56465	ZM_085_A1_G01		ZM_085_A1_G01_MR
56466	ZM_085_A1_G02	ZM_085_A1_G02_T7C	
56467	ZM_085_A1_G02		ZM_085_A1_G02_MR
56468	ZM_085_A1_G03		ZM_085_A1_G03_MR
56469	ZM_085_A1_G04	ZM_085_A1_G04_T7C	
56470	ZM_085_A1_G04		ZM_085_A1_G04_MR
56471	ZM_085_A1_G05	ZM_085_A1_G05_T7C	
56472	ZM_085_A1_G05		ZM_085_A1_G05_MR
56473	ZM_085_A1_G06	ZM_085_A1_G06_T7C	
56474	ZM_085_A1_G06		ZM_085_A1_G06_MR
56475	ZM_085_A1_G07	ZM_085_A1_G07_T7C	
56476	ZM_085_A1_G07		ZM_085_A1_G07_MR
56477	ZM_085_A1_G08	ZM_085_A1_G08_T7C	
56478	ZM_085_A1_G08		ZM_085_A1_G08_MR
56479	ZM_085_A1_G09	ZM_085_A1_G09_T7C	
56480	ZM_085_A1_G09		ZM_085_A1_G09_MR
56481	ZM_085_A1_G10	ZM_085_A1_G10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56482	ZM_085_A1_G10		ZM_085_A1_G10_MR
56483	ZM_085_A1_G11	ZM_085_A1_G11_T7C	
56484	ZM_085_A1_G11		ZM_085_A1_G11_MR
56485	ZM_085_A1_G12		ZM_085_A1_G12_MR
56486	ZM_085_A1_H01	ZM_085_A1_H01_T7C	
56487	ZM_085_A1_H01		ZM_085_A1_H01_MR
56488	ZM_085_A1_H02	ZM_085_A1_H02_T7C	
56489	ZM_085_A1_H03		ZM_085_A1_H03_MR
56490	ZM_085_A1_H04	ZM_085_A1_H04_T7C	
56491	ZM_085_A1_H04		ZM_085_A1_H04_MR
56492	ZM_085_A1_H05	ZM_085_A1_H05_T7C	
56493	ZM_085_A1_H05		ZM_085_A1_H05_MR
56494	ZM_085_A1_H06	ZM_085_A1_H06_T7C	
56495	ZM_085_A1_H06		ZM_085_A1_H06_MR
56496	ZM_085_A1_H07	ZM_085_A1_H07_T7C	
56497	ZM_085_A1_H07		ZM_085_A1_H07_MR
56498	ZM_085_A1_H08	ZM_085_A1_H08_T7C	
56499	ZM_085_A1_H08		ZM_085_A1_H08_MR
56500	ZM_085_A1_H09	ZM_085_A1_H09_T7C	
56501	ZM_085_A1_H09		ZM_085_A1_H09_MR
56502	ZM_085_A1_H10	ZM_085_A1_H10_T7C	
56503	ZM_085_A1_H10		ZM_085_A1_H10_MR
56504	ZM_085_A1_H12	ZM_085_A1_H12_T7C	
56505	ZM_085_A1_H12		ZM_085_A1_H12_MR
56506	ZM_085_A2_A02	ZM_085_A2_A02_T7C	
56507	ZM_085_A2_A03	ZM_085_A2_A03_T7C	
56508	ZM_085_A2_A04	ZM_085_A2_A04_T7C	
56509	ZM_085_A2_A05	ZM_085_A2_A05_T7C	
56510	ZM_085_A2_A06	ZM_085_A2_A06_T7C	
56511	ZM_085_A2_A07	ZM_085_A2_A07_T7C	
56512	ZM_085_A2_A09	ZM_085_A2_A09_T7C	
56513	ZM_085_A2_A10	ZM_085_A2_A10_T7C	
56514	ZM_085_A2_A11	ZM_085_A2_A11_T7C	
56515	ZM_085_A2_A12	ZM_085_A2_A12_T7C	
56516	ZM_085_A2_B01	ZM_085_A2_B01_T7C	
56517	ZM_085_A2_B02	ZM_085_A2_B02_T7C	
56518	ZM_085_A2_B03	ZM_085_A2_B03_T7C	
56519	ZM_085_A2_B04	ZM_085_A2_B04_T7C	
56520	ZM_085_A2_B07	ZM_085_A2_B07_T7C	
56521	ZM_085_A2_B08	ZM_085_A2_B08_T7C	
56522	ZM_085_A2_B09	ZM_085_A2_B09_T7C	
56523	ZM_085_A2_B10	ZM_085_A2_B10_T7C	
56524	ZM_085_A2_B11	ZM_085_A2_B11_T7C	
56525	ZM_085_A2_B12	ZM_085_A2_B12_T7C	
56526	ZM_085_A2_C01	ZM_085_A2_C01_T7C	
56527	ZM_085_A2_C02	ZM_085_A2_C02_T7C	
56528	ZM_085_A2_C03	ZM_085_A2_C03_T7C	
56529	ZM_085_A2_C05	ZM_085_A2_C05_T7C	
56530	ZM_085_A2_C06	ZM_085_A2_C06_T7C	
56531	ZM_085_A2_C07	ZM_085_A2_C07_T7C	
56532	ZM_085_A2_C08	ZM_085_A2_C08_T7C	
56533	ZM_085_A2_C09	ZM_085_A2_C09_T7C	
56534	ZM_085_A2_C10	ZM_085_A2_C10_T7C	
56535	ZM_085_A2_C11	ZM_085_A2_C11_T7C	
56536	ZM_085_A2_D01	ZM_085_A2_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56537	ZM_085_A2_D02	ZM_085_A2_D02_T7C	
56538	ZM_085_A2_D03	ZM_085_A2_D03_T7C	
56539	ZM_085_A2_D04	ZM_085_A2_D04_T7C	
56540	ZM_085_A2_D05	ZM_085_A2_D05_T7C	
56541	ZM_085_A2_D06	ZM_085_A2_D06_T7C	
56542	ZM_085_A2_D07	ZM_085_A2_D07_T7C	
56543	ZM_085_A2_D08	ZM_085_A2_D08_T7C	
56544	ZM_085_A2_D09	ZM_085_A2_D09_T7C	
56545	ZM_085_A2_D10	ZM_085_A2_D10_T7C	
56546	ZM_085_A2_D11	ZM_085_A2_D11_T7C	
56547	ZM_085_A2_E02	ZM_085_A2_E02_T7C	
56548	ZM_085_A2_E03	ZM_085_A2_E03_T7C	
56549	ZM_085_A2_E06	ZM_085_A2_E06_T7C	
56550	ZM_085_A2_E07	ZM_085_A2_E07_T7C	
56551	ZM_085_A2_E08	ZM_085_A2_E08_T7C	
56552	ZM_085_A2_E09	ZM_085_A2_E09_T7C	
56553	ZM_085_A2_E11	ZM_085_A2_E11_T7C	
56554	ZM_085_A2_E12	ZM_085_A2_E12_T7C	
56555	ZM_085_A2_F02	ZM_085_A2_F02_T7C	
56556	ZM_085_A2_F03	ZM_085_A2_F03_T7C	
56557	ZM_085_A2_F06	ZM_085_A2_F06_T7C	
56558	ZM_085_A2_F07	ZM_085_A2_F07_T7C	
56559	ZM_085_A2_F08	ZM_085_A2_F08_T7C	
56560	ZM_085_A2_F09	ZM_085_A2_F09_T7C	
56561	ZM_085_A2_F10	ZM_085_A2_F10_T7C	
56562	ZM_085_A2_F11	ZM_085_A2_F11_T7C	
56563	ZM_085_A2_G01	ZM_085_A2_G01_T7C	
56564	ZM_085_A2_G02	ZM_085_A2_G02_T7C	
56565	ZM_085_A2_G05	ZM_085_A2_G05_T7C	
56566	ZM_085_A2_G06	ZM_085_A2_G06_T7C	
56567	ZM_085_A2_G07	ZM_085_A2_G07_T7C	
56568	ZM_085_A2_G11	ZM_085_A2_G11_T7C	
56569	ZM_085_A2_H01	ZM_085_A2_H01_T7C	
56570	ZM_085_A2_H02	ZM_085_A2_H02_T7C	
56571	ZM_085_A2_H05	ZM_085_A2_H05_T7C	
56572	ZM_085_A2_H06	ZM_085_A2_H06_T7C	
56573	ZM_085_A2_H07	ZM_085_A2_H07_T7C	
56574	ZM_085_A2_H08	ZM_085_A2_H08_T7C	
56575	ZM_085_A2_H09	ZM_085_A2_H09_T7C	
56576	ZM_085_A2_H10	ZM_085_A2_H10_T7C	
56577	ZM_085_A2_H11	ZM_085_A2_H11_T7C	
56578	ZM_085_A2_H12	ZM_085_A2_H12_T7C	
56579	ZM_085_B2_A01	ZM_085_B2_A01_T7C	
56580	ZM_085_B2_A02	ZM_085_B2_A02_T7C	
56581	ZM_085_B2_A03	ZM_085_B2_A03_T7C	
56582	ZM_085_B2_A04	ZM_085_B2_A04_T7C	
56583	ZM_085_B2_A05	ZM_085_B2_A05_T7C	
56584	ZM_085_B2_A06	ZM_085_B2_A06_T7C	
56585	ZM_085_B2_A07	ZM_085_B2_A07_T7C	
56586	ZM_085_B2_A08	ZM_085_B2_A08_T7C	
56587	ZM_085_B2_A09	ZM_085_B2_A09_T7C	
56588	ZM_085_B2_A10	ZM_085_B2_A10_T7C	
56589	ZM_085_B2_A11	ZM_085_B2_A11_T7C	
56590	ZM_085_B2_A12	ZM_085_B2_A12_T7C	
56591	ZM_085_B2_B04	ZM_085_B2_B04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56592	ZM_085_B2_B05	ZM_085_B2_B05_T7C	
56593	ZM_085_B2_B06	ZM_085_B2_B06_T7C	
56594	ZM_085_B2_B07	ZM_085_B2_B07_T7C	
56595	ZM_085_B2_B08	ZM_085_B2_B08_T7C	
56596	ZM_085_B2_B09	ZM_085_B2_B09_T7C	
56597	ZM_085_B2_B10	ZM_085_B2_B10_T7C	
56598	ZM_085_B2_B11	ZM_085_B2_B11_T7C	
56599	ZM_085_B2_C01	ZM_085_B2_C01_T7C	
56600	ZM_085_B2_C02	ZM_085_B2_C02_T7C	
56601	ZM_085_B2_C03	ZM_085_B2_C03_T7C	
56602	ZM_085_B2_C05	ZM_085_B2_C05_T7C	
56603	ZM_085_B2_C06	ZM_085_B2_C06_T7C	
56604	ZM_085_B2_C07	ZM_085_B2_C07_T7C	
56605	ZM_085_B2_C08	ZM_085_B2_C08_T7C	
56606	ZM_085_B2_C09	ZM_085_B2_C09_T7C	
56607	ZM_085_B2_C10	ZM_085_B2_C10_T7C	
56608	ZM_085_B2_C11	ZM_085_B2_C11_T7C	
56609	ZM_085_B2_C12	ZM_085_B2_C12_T7C	
56610	ZM_085_B2_D01	ZM_085_B2_D01_T7C	
56611	ZM_085_B2_D03	ZM_085_B2_D03_T7C	
56612	ZM_085_B2_D04	ZM_085_B2_D04_T7C	
56613	ZM_085_B2_D05	ZM_085_B2_D05_T7C	
56614	ZM_085_B2_D08	ZM_085_B2_D08_T7C	
56615	ZM_085_B2_D09	ZM_085_B2_D09_T7C	
56616	ZM_085_B2_D10	ZM_085_B2_D10_T7C	
56617	ZM_085_B2_D11	ZM_085_B2_D11_T7C	
56618	ZM_085_B2_D12	ZM_085_B2_D12_T7C	
56619	ZM_085_B2_E01	ZM_085_B2_E01_T7C	
56620	ZM_085_B2_E02	ZM_085_B2_E02_T7C	
56621	ZM_085_B2_E03	ZM_085_B2_E03_T7C	
56622	ZM_085_B2_E04	ZM_085_B2_E04_T7C	
56623	ZM_085_B2_E05	ZM_085_B2_E05_T7C	
56624	ZM_085_B2_E06	ZM_085_B2_E06_T7C	
56625	ZM_085_B2_E07	ZM_085_B2_E07_T7C	
56626	ZM_085_B2_E08	ZM_085_B2_E08_T7C	
56627	ZM_085_B2_E09	ZM_085_B2_E09_T7C	
56628	ZM_085_B2_E11	ZM_085_B2_E11_T7C	
56629	ZM_085_B2_F01	ZM_085_B2_F01_T7C	
56630	ZM_085_B2_F02	ZM_085_B2_F02_T7C	
56631	ZM_085_B2_F03	ZM_085_B2_F03_T7C	
56632	ZM_085_B2_F04	ZM_085_B2_F04_T7C	
56633	ZM_085_B2_F07	ZM_085_B2_F07_T7C	
56634	ZM_085_B2_F08	ZM_085_B2_F08_T7C	
56635	ZM_085_B2_F09	ZM_085_B2_F09_T7C	
56636	ZM_085_B2_F10	ZM_085_B2_F10_T7C	
56637	ZM_085_B2_F11	ZM_085_B2_F11_T7C	
56638	ZM_085_B2_F12	ZM_085_B2_F12_T7C	
56639	ZM_085_B2_G01	ZM_085_B2_G01_T7C	
56640	ZM_085_B2_G02	ZM_085_B2_G02_T7C	
56641	ZM_085_B2_G03	ZM_085_B2_G03_T7C	
56642	ZM_085_B2_G04	ZM_085_B2_G04_T7C	
56643	ZM_085_B2_G05	ZM_085_B2_G05_T7C	
56644	ZM_085_B2_G06	ZM_085_B2_G06_T7C	
56645	ZM_085_B2_G07	ZM_085_B2_G07_T7C	
56646	ZM_085_B2_G08	ZM_085_B2_G08_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56647	ZM_085_B2_G09	ZM_085_B2_G09_T7C	
56648	ZM_085_B2_G10	ZM_085_B2_G10_T7C	
56649	ZM_085_B2_G11	ZM_085_B2_G11_T7C	
56650	ZM_085_B2_G12	ZM_085_B2_G12_T7C	
56651	ZM_085_B2_H01	ZM_085_B2_H01_T7C	
56652	ZM_085_B2_H02	ZM_085_B2_H02_T7C	
56653	ZM_085_B2_H03	ZM_085_B2_H03_T7C	
56654	ZM_085_B2_H04	ZM_085_B2_H04_T7C	
56655	ZM_085_B2_H06	ZM_085_B2_H06_T7C	
56656	ZM_085_B2_H07	ZM_085_B2_H07_T7C	
56657	ZM_085_B2_H08	ZM_085_B2_H08_T7C	
56658	ZM_085_B2_H09	ZM_085_B2_H09_T7C	
56659	ZM_085_B2_H10	ZM_085_B2_H10_T7C	
56660	ZM_085_B2_H11	ZM_085_B2_H11_T7C	
56661	ZM_085_B2_H12	ZM_085_B2_H12_T7C	
56662	ZM_086_A2_A01	ZM_086_A2_A01_T7C	
56663	ZM_086_A2_A02	ZM_086_A2_A02_T7C	
56664	ZM_086_A2_A04	ZM_086_A2_A04_T7C	
56665	ZM_086_A2_A05	ZM_086_A2_A05_T7C	
56666	ZM_086_A2_A06	ZM_086_A2_A06_T7C	
56667	ZM_086_A2_A08	ZM_086_A2_A08_T7C	
56668	ZM_086_A2_A09	ZM_086_A2_A09_T7C	
56669	ZM_086_A2_A10	ZM_086_A2_A10_T7C	
56670	ZM_086_A2_A12	ZM_086_A2_A12_T7C	
56671	ZM_086_A2_B01	ZM_086_A2_B01_T7C	
56672	ZM_086_A2_B02	ZM_086_A2_B02_T7C	
56673	ZM_086_A2_B04	ZM_086_A2_B04_T7C	
56674	ZM_086_A2_B05	ZM_086_A2_B05_T7C	
56675	ZM_086_A2_B06	ZM_086_A2_B06_T7C	
56676	ZM_086_A2_B07	ZM_086_A2_B07_T7C	
56677	ZM_086_A2_B08	ZM_086_A2_B08_T7C	
56678	ZM_086_A2_B09	ZM_086_A2_B09_T7C	
56679	ZM_086_A2_B10	ZM_086_A2_B10_T7C	
56680	ZM_086_A2_B11	ZM_086_A2_B11_T7C	
56681	ZM_086_A2_B12	ZM_086_A2_B12_T7C	
56682	ZM_086_A2_C01	ZM_086_A2_C01_T7C	
56683	ZM_086_A2_C02	ZM_086_A2_C02_T7C	
56684	ZM_086_A2_C03	ZM_086_A2_C03_T7C	
56685	ZM_086_A2_C04	ZM_086_A2_C04_T7C	
56686	ZM_086_A2_C05	ZM_086_A2_C05_T7C	
56687	ZM_086_A2_C06	ZM_086_A2_C06_T7C	
56688	ZM_086_A2_C07	ZM_086_A2_C07_T7C	
56689	ZM_086_A2_C08	ZM_086_A2_C08_T7C	
56690	ZM_086_A2_C09	ZM_086_A2_C09_T7C	
56691	ZM_086_A2_C10	ZM_086_A2_C10_T7C	
56692	ZM_086_A2_C11	ZM_086_A2_C11_T7C	
56693	ZM_086_A2_D01	ZM_086_A2_D01_T7C	
56694	ZM_086_A2_D02	ZM_086_A2_D02_T7C	
56695	ZM_086_A2_D03	ZM_086_A2_D03_T7C	
56696	ZM_086_A2_D04	ZM_086_A2_D04_T7C	
56697	ZM_086_A2_D05	ZM_086_A2_D05_T7C	
56698	ZM_086_A2_D07	ZM_086_A2_D07_T7C	
56699	ZM_086_A2_D08	ZM_086_A2_D08_T7C	
56700	ZM_086_A2_D10	ZM_086_A2_D10_T7C	
56701	ZM_086_A2_D11	ZM_086_A2_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56702	ZM_086_A2_D12	ZM_086_A2_D12_T7C	
56703	ZM_086_A2_E01	ZM_086_A2_E01_T7C	
56704	ZM_086_A2_E04	ZM_086_A2_E04_T7C	
56705	ZM_086_A2_E05	ZM_086_A2_E05_T7C	
56706	ZM_086_A2_E06	ZM_086_A2_E06_T7C	
56707	ZM_086_A2_E07	ZM_086_A2_E07_T7C	
56708	ZM_086_A2_E08	ZM_086_A2_E08_T7C	
56709	ZM_086_A2_E09	ZM_086_A2_E09_T7C	
56710	ZM_086_A2_E10	ZM_086_A2_E10_T7C	
56711	ZM_086_A2_E11	ZM_086_A2_E11_T7C	
56712	ZM_086_A2_E12	ZM_086_A2_E12_T7C	
56713	ZM_086_A2_F01	ZM_086_A2_F01_T7C	
56714	ZM_086_A2_F02	ZM_086_A2_F02_T7C	
56715	ZM_086_A2_F03	ZM_086_A2_F03_T7C	
56716	ZM_086_A2_F04	ZM_086_A2_F04_T7C	
56717	ZM_086_A2_F05	ZM_086_A2_F05_T7C	
56718	ZM_086_A2_F06	ZM_086_A2_F06_T7C	
56719	ZM_086_A2_F07	ZM_086_A2_F07_T7C	
56720	ZM_086_A2_F08	ZM_086_A2_F08_T7C	
56721	ZM_086_A2_F09	ZM_086_A2_F09_T7C	
56722	ZM_086_A2_F10	ZM_086_A2_F10_T7C	
56723	ZM_086_A2_F11	ZM_086_A2_F11_T7C	
56724	ZM_086_A2_F12	ZM_086_A2_F12_T7C	
56725	ZM_086_A2_G01	ZM_086_A2_G01_T7C	
56726	ZM_086_A2_G03	ZM_086_A2_G03_T7C	
56727	ZM_086_A2_G04	ZM_086_A2_G04_T7C	
56728	ZM_086_A2_G05	ZM_086_A2_G05_T7C	
56729	ZM_086_A2_G06	ZM_086_A2_G06_T7C	
56730	ZM_086_A2_G07	ZM_086_A2_G07_T7C	
56731	ZM_086_A2_G08	ZM_086_A2_G08_T7C	
56732	ZM_086_A2_G09	ZM_086_A2_G09_T7C	
56733	ZM_086_A2_G10	ZM_086_A2_G10_T7C	
56734	ZM_086_A2_G11	ZM_086_A2_G11_T7C	
56735	ZM_086_A2_G12	ZM_086_A2_G12_T7C	
56736	ZM_086_A2_H01	ZM_086_A2_H01_T7C	
56737	ZM_086_A2_H02	ZM_086_A2_H02_T7C	
56738	ZM_086_A2_H03	ZM_086_A2_H03_T7C	
56739	ZM_086_A2_H04	ZM_086_A2_H04_T7C	
56740	ZM_086_A2_H05	ZM_086_A2_H05_T7C	
56741	ZM_086_A2_H06	ZM_086_A2_H06_T7C	
56742	ZM_086_A2_H07	ZM_086_A2_H07_T7C	
56743	ZM_086_A2_H08	ZM_086_A2_H08_T7C	
56744	ZM_086_A2_H09	ZM_086_A2_H09_T7C	
56745	ZM_086_A2_H10	ZM_086_A2_H10_T7C	
56746	ZM_086_A2_H11	ZM_086_A2_H11_T7C	
56747	ZM_086_A2_H12	ZM_086_A2_H12_T7C	
56748	ZM_086_B2_A01	ZM_086_B2_A01_T7C	
56749	ZM_086_B2_A01		ZM_086_B2_A01_MR
56750	ZM_086_B2_A02		ZM_086_B2_A02_MR
56751	ZM_086_B2_A03		ZM_086_B2_A03_MR
56752	ZM_086_B2_A04	ZM_086_B2_A04_T7C	
56753	ZM_086_B2_A04		ZM_086_B2_A04_MR
56754	ZM_086_B2_A05	ZM_086_B2_A05_T7C	
56755	ZM_086_B2_A05		ZM_086_B2_A05_MR
56756	ZM_086_B2_A07	ZM_086_B2_A07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56757	ZM_086_B2_A07		ZM_086_B2_A07_MR
56758	ZM_086_B2_A08	ZM_086_B2_A08_T7C	
56759	ZM_086_B2_A08		ZM_086_B2_A08_MR
56760	ZM_086_B2_A09		ZM_086_B2_A09_MR
56761	ZM_086_B2_A10	ZM_086_B2_A10_T7C	
56762	ZM_086_B2_A10		ZM_086_B2_A10_MR
56763	ZM_086_B2_B01	ZM_086_B2_B01_T7C	
56764	ZM_086_B2_B01		ZM_086_B2_B01_MR
56765	ZM_086_B2_B02	ZM_086_B2_B02_T7C	
56766	ZM_086_B2_B02		ZM_086_B2_B02_MR
56767	ZM_086_B2_B03	ZM_086_B2_B03_T7C	
56768	ZM_086_B2_B03		ZM_086_B2_B03_MR
56769	ZM_086_B2_B04		ZM_086_B2_B04_MR
56770	ZM_086_B2_B05		ZM_086_B2_B05_MR
56771	ZM_086_B2_B06		ZM_086_B2_B06_MR
56772	ZM_086_B2_B07	ZM_086_B2_B07_T7C	
56773	ZM_086_B2_B07		ZM_086_B2_B07_MR
56774	ZM_086_B2_B08	ZM_086_B2_B08_T7C	
56775	ZM_086_B2_B08		ZM_086_B2_B08_MR
56776	ZM_086_B2_B09	ZM_086_B2_B09_T7C	
56777	ZM_086_B2_B09		ZM_086_B2_B09_MR
56778	ZM_086_B2_B10	ZM_086_B2_B10_T7C	
56779	ZM_086_B2_B10		ZM_086_B2_B10_MR
56780	ZM_086_B2_B11		ZM_086_B2_B11_MR
56781	ZM_086_B2_B12	ZM_086_B2_B12_T7C	
56782	ZM_086_B2_B12		ZM_086_B2_B12_MR
56783	ZM_086_B2_C01	ZM_086_B2_C01_T7C	
56784	ZM_086_B2_C01		ZM_086_B2_C01_MR
56785	ZM_086_B2_C02	ZM_086_B2_C02_T7C	
56786	ZM_086_B2_C02		ZM_086_B2_C02_MR
56787	ZM_086_B2_C03	ZM_086_B2_C03_T7C	
56788	ZM_086_B2_C03		ZM_086_B2_C03_MR
56789	ZM_086_B2_C04		ZM_086_B2_C04_MR
56790	ZM_086_B2_C05	ZM_086_B2_C05_T7C	
56791	ZM_086_B2_C05		ZM_086_B2_C05_MR
56792	ZM_086_B2_C06	ZM_086_B2_C06_T7C	
56793	ZM_086_B2_C06		ZM_086_B2_C06_MR
56794	ZM_086_B2_C07		ZM_086_B2_C07_MR
56795	ZM_086_B2_C08	ZM_086_B2_C08_T7C	
56796	ZM_086_B2_C08		ZM_086_B2_C08_MR
56797	ZM_086_B2_C09	ZM_086_B2_C09_T7C	
56798	ZM_086_B2_C09		ZM_086_B2_C09_MR
56799	ZM_086_B2_C10	ZM_086_B2_C10_T7C	
56800	ZM_086_B2_C11		ZM_086_B2_C11_MR
56801	ZM_086_B2_C12	ZM_086_B2_C12_T7C	
56802	ZM_086_B2_C12		ZM_086_B2_C12_MR
56803	ZM_086_B2_D01	ZM_086_B2_D01_T7C	
56804	ZM_086_B2_D01		ZM_086_B2_D01_MR
56805	ZM_086_B2_D02	ZM_086_B2_D02_T7C	
56806	ZM_086_B2_D02		ZM_086_B2_D02_MR
56807	ZM_086_B2_D03		ZM_086_B2_D03_MR
56808	ZM_086_B2_D04	ZM_086_B2_D04_T7C	
56809	ZM_086_B2_D04		ZM_086_B2_D04_MR
56810	ZM_086_B2_D05	ZM_086_B2_D05_T7C	
56811	ZM_086_B2_D05		ZM_086_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56812	ZM_086_B2_D07	ZM_086_B2_D07_T7C	ZM_086_B2_D07_MR
56813	ZM_086_B2_D07		
56814	ZM_086_B2_D08	ZM_086_B2_D08_T7C	ZM_086_B2_D08_MR
56815	ZM_086_B2_D08		ZM_086_B2_D09_MR
56816	ZM_086_B2_D09		
56817	ZM_086_B2_D10	ZM_086_B2_D10_T7C	ZM_086_B2_D10_MR
56818	ZM_086_B2_D10		
56819	ZM_086_B2_D11	ZM_086_B2_D11_T7C	ZM_086_B2_D11_MR
56820	ZM_086_B2_D11		
56821	ZM_086_B2_D12	ZM_086_B2_D12_T7C	
56822	ZM_086_B2_E01	ZM_086_B2_E01_T7C	
56823	ZM_086_B2_E01		ZM_086_B2_E01_MR
56824	ZM_086_B2_E02	ZM_086_B2_E02_T7C	ZM_086_B2_E02_MR
56825	ZM_086_B2_E02		
56826	ZM_086_B2_E03	ZM_086_B2_E03_T7C	ZM_086_B2_E03_MR
56827	ZM_086_B2_E03		
56828	ZM_086_B2_E04	ZM_086_B2_E04_T7C	ZM_086_B2_E04_MR
56829	ZM_086_B2_E04		
56830	ZM_086_B2_E05	ZM_086_B2_E05_T7C	ZM_086_B2_E05_MR
56831	ZM_086_B2_E05		
56832	ZM_086_B2_E07	ZM_086_B2_E07_T7C	ZM_086_B2_E07_MR
56833	ZM_086_B2_E07		
56834	ZM_086_B2_E08	ZM_086_B2_E08_T7C	ZM_086_B2_E08_MR
56835	ZM_086_B2_E08		
56836	ZM_086_B2_E09	ZM_086_B2_E09_T7C	ZM_086_B2_E09_MR
56837	ZM_086_B2_E09		
56838	ZM_086_B2_E10	ZM_086_B2_E10_T7C	
56839	ZM_086_B2_E12	ZM_086_B2_E12_T7C	ZM_086_B2_E12_MR
56840	ZM_086_B2_E12		
56841	ZM_086_B2_F01	ZM_086_B2_F01_T7C	ZM_086_B2_F01_MR
56842	ZM_086_B2_F01		
56843	ZM_086_B2_F02	ZM_086_B2_F02_T7C	ZM_086_B2_F02_MR
56844	ZM_086_B2_F02		
56845	ZM_086_B2_F03	ZM_086_B2_F03_T7C	ZM_086_B2_F03_MR
56846	ZM_086_B2_F03		
56847	ZM_086_B2_F04	ZM_086_B2_F04_T7C	ZM_086_B2_F04_MR
56848	ZM_086_B2_F04		
56849	ZM_086_B2_F05	ZM_086_B2_F05_T7C	ZM_086_B2_F05_MR
56850	ZM_086_B2_F05		
56851	ZM_086_B2_F06	ZM_086_B2_F06_T7C	ZM_086_B2_F06_MR
56852	ZM_086_B2_F06		
56853	ZM_086_B2_F07	ZM_086_B2_F07_T7C	ZM_086_B2_F07_MR
56854	ZM_086_B2_F07		ZM_086_B2_F09_MR
56855	ZM_086_B2_F09		
56856	ZM_086_B2_F10	ZM_086_B2_F10_T7C	ZM_086_B2_F10_MR
56857	ZM_086_B2_F10		
56858	ZM_086_B2_F11	ZM_086_B2_F11_T7C	ZM_086_B2_F11_MR
56859	ZM_086_B2_F11		
56860	ZM_086_B2_F12	ZM_086_B2_F12_T7C	ZM_086_B2_F12_MR
56861	ZM_086_B2_F12		
56862	ZM_086_B2_G01	ZM_086_B2_G01_T7C	ZM_086_B2_G01_MR
56863	ZM_086_B2_G01		
56864	ZM_086_B2_G02	ZM_086_B2_G02_T7C	ZM_086_B2_G02_MR
56865	ZM_086_B2_G02		
56866	ZM_086_B2_G03	ZM_086_B2_G03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56867	ZM_086_B2_G03		ZM_086_B2_G03_MR
56868	ZM_086_B2_G04		ZM_086_B2_G04_MR
56869	ZM_086_B2_G05	ZM_086_B2_G05_T7C	
56870	ZM_086_B2_G05		ZM_086_B2_G05_MR
56871	ZM_086_B2_G06	ZM_086_B2_G06_T7C	
56872	ZM_086_B2_G06		ZM_086_B2_G06_MR
56873	ZM_086_B2_G07	ZM_086_B2_G07_T7C	
56874	ZM_086_B2_G08	ZM_086_B2_G08_T7C	
56875	ZM_086_B2_G08		ZM_086_B2_G08_MR
56876	ZM_086_B2_G09	ZM_086_B2_G09_T7C	
56877	ZM_086_B2_G10	ZM_086_B2_G10_T7C	
56878	ZM_086_B2_G10		ZM_086_B2_G10_MR
56879	ZM_086_B2_G11	ZM_086_B2_G11_T7C	
56880	ZM_086_B2_G12	ZM_086_B2_G12_T7C	
56881	ZM_086_B2_G12		ZM_086_B2_G12_MR
56882	ZM_086_B2_H01	ZM_086_B2_H01_T7C	
56883	ZM_086_B2_H01		ZM_086_B2_H01_MR
56884	ZM_086_B2_H02	ZM_086_B2_H02_T7C	
56885	ZM_086_B2_H02		ZM_086_B2_H02_MR
56886	ZM_086_B2_H03	ZM_086_B2_H03_T7C	
56887	ZM_086_B2_H03		ZM_086_B2_H03_MR
56888	ZM_086_B2_H04	ZM_086_B2_H04_T7C	
56889	ZM_086_B2_H04		ZM_086_B2_H04_MR
56890	ZM_086_B2_H05	ZM_086_B2_H05_T7C	
56891	ZM_086_B2_H05		ZM_086_B2_H05_MR
56892	ZM_086_B2_H06	ZM_086_B2_H06_T7C	
56893	ZM_086_B2_H06		ZM_086_B2_H06_MR
56894	ZM_086_B2_H07	ZM_086_B2_H07_T7C	
56895	ZM_086_B2_H07		ZM_086_B2_H07_MR
56896	ZM_086_B2_H08	ZM_086_B2_H08_T7C	
56897	ZM_086_B2_H08		ZM_086_B2_H08_MR
56898	ZM_086_B2_H09	ZM_086_B2_H09_T7C	
56899	ZM_086_B2_H09		ZM_086_B2_H09_MR
56900	ZM_086_B2_H10	ZM_086_B2_H10_T7C	
56901	ZM_086_B2_H10		ZM_086_B2_H10_MR
56902	ZM_086_B2_H11	ZM_086_B2_H11_T7C	
56903	ZM_086_B2_H11		ZM_086_B2_H11_MR
56904	ZM_087_A1_A02		ZM_087_A1_A02_MR
56905	ZM_087_A1_A05		ZM_087_A1_A05_MR
56906	ZM_087_A1_A06		ZM_087_A1_A06_MR
56907	ZM_087_A1_A07		ZM_087_A1_A07_MR
56908	ZM_087_A1_A08		ZM_087_A1_A08_MR
56909	ZM_087_A1_A10		ZM_087_A1_A10_MR
56910	ZM_087_A1_A12		ZM_087_A1_A12_MR
56911	ZM_087_A1_B02		ZM_087_A1_B02_MR
56912	ZM_087_A1_B04		ZM_087_A1_B04_MR
56913	ZM_087_A1_B05		ZM_087_A1_B05_MR
56914	ZM_087_A1_B07		ZM_087_A1_B07_MR
56915	ZM_087_A1_B08		ZM_087_A1_B08_MR
56916	ZM_087_A1_B10		ZM_087_A1_B10_MR
56917	ZM_087_A1_B12		ZM_087_A1_B12_MR
56918	ZM_087_A1_C01		ZM_087_A1_C01_MR
56919	ZM_087_A1_C02		ZM_087_A1_C02_MR
56920	ZM_087_A1_C03		ZM_087_A1_C03_MR
56921	ZM_087_A1_C07		ZM_087_A1_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56922	ZM_087_A1_C09		ZM_087_A1_C09_MR
56923	ZM_087_A1_C10		ZM_087_A1_C10_MR
56924	ZM_087_A1_C11		ZM_087_A1_C11_MR
56925	ZM_087_A1_C12		ZM_087_A1_C12_MR
56926	ZM_087_A1_D01		ZM_087_A1_D01_MR
56927	ZM_087_A1_D05		ZM_087_A1_D05_MR
56928	ZM_087_A1_D09		ZM_087_A1_D09_MR
56929	ZM_087_A1_D10		ZM_087_A1_D10_MR
56930	ZM_087_A1_D11		ZM_087_A1_D11_MR
56931	ZM_087_A1_D12		ZM_087_A1_D12_MR
56932	ZM_087_A1_E02		ZM_087_A1_E02_MR
56933	ZM_087_A1_E05		ZM_087_A1_E05_MR
56934	ZM_087_A1_E07		ZM_087_A1_E07_MR
56935	ZM_087_A1_E08		ZM_087_A1_E08_MR
56936	ZM_087_A1_E09		ZM_087_A1_E09_MR
56937	ZM_087_A1_E10		ZM_087_A1_E10_MR
56938	ZM_087_A1_E11		ZM_087_A1_E11_MR
56939	ZM_087_A1_E12		ZM_087_A1_E12_MR
56940	ZM_087_A1_F01		ZM_087_A1_F01_MR
56941	ZM_087_A1_F02		ZM_087_A1_F02_MR
56942	ZM_087_A1_F04		ZM_087_A1_F04_MR
56943	ZM_087_A1_F05		ZM_087_A1_F05_MR
56944	ZM_087_A1_F06		ZM_087_A1_F06_MR
56945	ZM_087_A1_F07		ZM_087_A1_F07_MR
56946	ZM_087_A1_F08		ZM_087_A1_F08_MR
56947	ZM_087_A1_F10		ZM_087_A1_F10_MR
56948	ZM_087_A1_F12		ZM_087_A1_F12_MR
56949	ZM_087_A1_G01		ZM_087_A1_G01_MR
56950	ZM_087_A1_G02		ZM_087_A1_G02_MR
56951	ZM_087_A1_G04		ZM_087_A1_G04_MR
56952	ZM_087_A1_G06		ZM_087_A1_G06_MR
56953	ZM_087_A1_G07		ZM_087_A1_G07_MR
56954	ZM_087_A1_G08		ZM_087_A1_G08_MR
56955	ZM_087_A1_G09		ZM_087_A1_G09_MR
56956	ZM_087_A1_G12		ZM_087_A1_G12_MR
56957	ZM_087_A1_H01		ZM_087_A1_H01_MR
56958	ZM_087_A1_H02		ZM_087_A1_H02_MR
56959	ZM_087_A1_H04		ZM_087_A1_H04_MR
56960	ZM_087_A1_H05		ZM_087_A1_H05_MR
56961	ZM_087_A1_H07		ZM_087_A1_H07_MR
56962	ZM_087_A1_H08		ZM_087_A1_H08_MR
56963	ZM_087_A1_H09		ZM_087_A1_H09_MR
56964	ZM_087_A1_H10		ZM_087_A1_H10_MR
56965	ZM_087_A1_H11		ZM_087_A1_H11_MR
56966	ZM_087_A1_H12		ZM_087_A1_H12_MR
56967	ZM_087_A2_B02	ZM_087_A2_B02_T7C	
56968	ZM_087_A2_B03	ZM_087_A2_B03_T7C	
56969	ZM_087_A2_B04	ZM_087_A2_B04_T7C	
56970	ZM_087_A2_B06	ZM_087_A2_B06_T7C	
56971	ZM_087_A2_B12	ZM_087_A2_B12_T7C	
56972	ZM_087_A2_C01	ZM_087_A2_C01_T7C	
56973	ZM_087_A2_C07	ZM_087_A2_C07_T7C	
56974	ZM_087_A2_C08	ZM_087_A2_C08_T7C	
56975	ZM_087_A2_D01	ZM_087_A2_D01_T7C	
56976	ZM_087_A2_D04	ZM_087_A2_D04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
56977	ZM_087_A2_D07	ZM_087_A2_D07_T7C	
56978	ZM_087_A2_D09	ZM_087_A2_D09_T7C	
56979	ZM_087_A2_E12	ZM_087_A2_E12_T7C	
56980	ZM_087_A2_F03	ZM_087_A2_F03_T7C	
56981	ZM_087_A2_F06	ZM_087_A2_F06_T7C	
56982	ZM_087_A2_G06	ZM_087_A2_G06_T7C	
56983	ZM_087_A2_G07	ZM_087_A2_G07_T7C	
56984	ZM_087_A2_G11	ZM_087_A2_G11_T7C	
56985	ZM_087_A2_H01	ZM_087_A2_H01_T7C	
56986	ZM_087_A2_H06	ZM_087_A2_H06_T7C	
56987	ZM_087_B1_A01	ZM_087_B1_A01_T7C	
56988	ZM_087_B1_A02	ZM_087_B1_A02_T7C	
56989	ZM_087_B1_A03	ZM_087_B1_A03_T7C	
56990	ZM_087_B1_A04	ZM_087_B1_A04_T7C	
56991	ZM_087_B1_A05	ZM_087_B1_A05_T7C	
56992	ZM_087_B1_A06	ZM_087_B1_A06_T7C	
56993	ZM_087_B1_A07	ZM_087_B1_A07_T7C	
56994	ZM_087_B1_A08	ZM_087_B1_A08_T7C	
56995	ZM_087_B1_A09	ZM_087_B1_A09_T7C	
56996	ZM_087_B1_A10	ZM_087_B1_A10_T7C	
56997	ZM_087_B1_A11	ZM_087_B1_A11_T7C	
56998	ZM_087_B1_A12	ZM_087_B1_A12_T7C	
56999	ZM_087_B1_B01	ZM_087_B1_B01_T7C	
57000	ZM_087_B1_B02	ZM_087_B1_B02_T7C	
57001	ZM_087_B1_B03	ZM_087_B1_B03_T7C	
57002	ZM_087_B1_B04	ZM_087_B1_B04_T7C	
57003	ZM_087_B1_B05	ZM_087_B1_B05_T7C	
57004	ZM_087_B1_B06	ZM_087_B1_B06_T7C	
57005	ZM_087_B1_B07	ZM_087_B1_B07_T7C	
57006	ZM_087_B1_B08	ZM_087_B1_B08_T7C	
57007	ZM_087_B1_B09	ZM_087_B1_B09_T7C	
57008	ZM_087_B1_B10	ZM_087_B1_B10_T7C	
57009	ZM_087_B1_B11	ZM_087_B1_B11_T7C	
57010	ZM_087_B1_B12	ZM_087_B1_B12_T7C	
57011	ZM_087_B1_C01	ZM_087_B1_C01_T7C	
57012	ZM_087_B1_C02	ZM_087_B1_C02_T7C	
57013	ZM_087_B1_C03	ZM_087_B1_C03_T7C	
57014	ZM_087_B1_C04	ZM_087_B1_C04_T7C	
57015	ZM_087_B1_C05	ZM_087_B1_C05_T7C	
57016	ZM_087_B1_C06	ZM_087_B1_C06_T7C	
57017	ZM_087_B1_C07	ZM_087_B1_C07_T7C	
57018	ZM_087_B1_C08	ZM_087_B1_C08_T7C	
57019	ZM_087_B1_C09	ZM_087_B1_C09_T7C	
57020	ZM_087_B1_C10	ZM_087_B1_C10_T7C	
57021	ZM_087_B1_C11	ZM_087_B1_C11_T7C	
57022	ZM_087_B1_C12	ZM_087_B1_C12_T7C	
57023	ZM_087_B1_D01	ZM_087_B1_D01_T7C	
57024	ZM_087_B1_D02	ZM_087_B1_D02_T7C	
57025	ZM_087_B1_D03	ZM_087_B1_D03_T7C	
57026	ZM_087_B1_D04	ZM_087_B1_D04_T7C	
57027	ZM_087_B1_D05	ZM_087_B1_D05_T7C	
57028	ZM_087_B1_D06	ZM_087_B1_D06_T7C	
57029	ZM_087_B1_D07	ZM_087_B1_D07_T7C	
57030	ZM_087_B1_D08	ZM_087_B1_D08_T7C	
57031	ZM_087_B1_D09	ZM_087_B1_D09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57032	ZM_087_B1_D10	ZM_087_B1_D10_T7C	
57033	ZM_087_B1_D11	ZM_087_B1_D11_T7C	
57034	ZM_087_B1_D12	ZM_087_B1_D12_T7C	
57035	ZM_087_B1_E01	ZM_087_B1_E01_T7C	
57036	ZM_087_B1_E02	ZM_087_B1_E02_T7C	
57037	ZM_087_B1_E03	ZM_087_B1_E03_T7C	
57038	ZM_087_B1_E04	ZM_087_B1_E04_T7C	
57039	ZM_087_B1_E05	ZM_087_B1_E05_T7C	
57040	ZM_087_B1_E06	ZM_087_B1_E06_T7C	
57041	ZM_087_B1_E07	ZM_087_B1_E07_T7C	
57042	ZM_087_B1_E09	ZM_087_B1_E09_T7C	
57043	ZM_087_B1_E10	ZM_087_B1_E10_T7C	
57044	ZM_087_B1_E11	ZM_087_B1_E11_T7C	
57045	ZM_087_B1_E12	ZM_087_B1_E12_T7C	
57046	ZM_087_B1_F01	ZM_087_B1_F01_T7C	
57047	ZM_087_B1_F02	ZM_087_B1_F02_T7C	
57048	ZM_087_B1_F03	ZM_087_B1_F03_T7C	
57049	ZM_087_B1_F04	ZM_087_B1_F04_T7C	
57050	ZM_087_B1_F06	ZM_087_B1_F06_T7C	
57051	ZM_087_B1_F07	ZM_087_B1_F07_T7C	
57052	ZM_087_B1_F08	ZM_087_B1_F08_T7C	
57053	ZM_087_B1_F09	ZM_087_B1_F09_T7C	
57054	ZM_087_B1_F10	ZM_087_B1_F10_T7C	
57055	ZM_087_B1_F11	ZM_087_B1_F11_T7C	
57056	ZM_087_B1_F12	ZM_087_B1_F12_T7C	
57057	ZM_087_B1_G02	ZM_087_B1_G02_T7C	
57058	ZM_087_B1_G03	ZM_087_B1_G03_T7C	
57059	ZM_087_B1_G04	ZM_087_B1_G04_T7C	
57060	ZM_087_B1_G05	ZM_087_B1_G05_T7C	
57061	ZM_087_B1_G06	ZM_087_B1_G06_T7C	
57062	ZM_087_B1_G07	ZM_087_B1_G07_T7C	
57063	ZM_087_B1_G08	ZM_087_B1_G08_T7C	
57064	ZM_087_B1_G09	ZM_087_B1_G09_T7C	
57065	ZM_087_B1_G10	ZM_087_B1_G10_T7C	
57066	ZM_087_B1_G11	ZM_087_B1_G11_T7C	
57067	ZM_087_B1_G12	ZM_087_B1_G12_T7C	
57068	ZM_087_B1_H01	ZM_087_B1_H01_T7C	
57069	ZM_087_B1_H02	ZM_087_B1_H02_T7C	
57070	ZM_087_B1_H05	ZM_087_B1_H05_T7C	
57071	ZM_087_B1_H06	ZM_087_B1_H06_T7C	
57072	ZM_087_B1_H07	ZM_087_B1_H07_T7C	
57073	ZM_087_B1_H08	ZM_087_B1_H08_T7C	
57074	ZM_087_B1_H09	ZM_087_B1_H09_T7C	
57075	ZM_087_B1_H10	ZM_087_B1_H10_T7C	
57076	ZM_087_B1_H11	ZM_087_B1_H11_T7C	
57077	ZM_087_B1_H12	ZM_087_B1_H12_T7C	
57078	ZM_088_A1_A01	ZM_088_A1_A01_T7C	
57079	ZM_088_A1_A01		ZM_088_A1_A01_MR
57080	ZM_088_A1_A02	ZM_088_A1_A02_T7C	
57081	ZM_088_A1_A02		ZM_088_A1_A02_MR
57082	ZM_088_A1_A03	ZM_088_A1_A03_T7C	
57083	ZM_088_A1_A03		ZM_088_A1_A03_MR
57084	ZM_088_A1_A04	ZM_088_A1_A04_T7C	
57085	ZM_088_A1_A04		ZM_088_A1_A04_MR
57086	ZM_088_A1_A05	ZM_088_A1_A05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57087	ZM_088_A1_A05		ZM_088_A1_A05_MR
57088	ZM_088_A1_A06	ZM_088_A1_A06_T7C	
57089	ZM_088_A1_A06		ZM_088_A1_A06_MR
57090	ZM_088_A1_A07	ZM_088_A1_A07_T7C	
57091	ZM_088_A1_A07		ZM_088_A1_A07_MR
57092	ZM_088_A1_A08	ZM_088_A1_A08_T7C	
57093	ZM_088_A1_A08		ZM_088_A1_A08_MR
57094	ZM_088_A1_A09	ZM_088_A1_A09_T7C	
57095	ZM_088_A1_A09		ZM_088_A1_A09_MR
57096	ZM_088_A1_A10	ZM_088_A1_A10_T7C	
57097	ZM_088_A1_A10		ZM_088_A1_A10_MR
57098	ZM_088_A1_A11		ZM_088_A1_A11_MR
57099	ZM_088_A1_A12	ZM_088_A1_A12_T7C	
57100	ZM_088_A1_A12		ZM_088_A1_A12_MR
57101	ZM_088_A1_B01	ZM_088_A1_B01_T7C	
57102	ZM_088_A1_B01		ZM_088_A1_B01_MR
57103	ZM_088_A1_B02	ZM_088_A1_B02_T7C	
57104	ZM_088_A1_B02		ZM_088_A1_B02_MR
57105	ZM_088_A1_B03		ZM_088_A1_B03_MR
57106	ZM_088_A1_B04	ZM_088_A1_B04_T7C	
57107	ZM_088_A1_B04		ZM_088_A1_B04_MR
57108	ZM_088_A1_B05	ZM_088_A1_B05_T7C	
57109	ZM_088_A1_B06	ZM_088_A1_B06_T7C	
57110	ZM_088_A1_B06		ZM_088_A1_B06_MR
57111	ZM_088_A1_B07	ZM_088_A1_B07_T7C	
57112	ZM_088_A1_B07		ZM_088_A1_B07_MR
57113	ZM_088_A1_B08	ZM_088_A1_B08_T7C	
57114	ZM_088_A1_B08		ZM_088_A1_B08_MR
57115	ZM_088_A1_B09		ZM_088_A1_B09_MR
57116	ZM_088_A1_B10	ZM_088_A1_B10_T7C	
57117	ZM_088_A1_B11	ZM_088_A1_B11_T7C	
57118	ZM_088_A1_B11		ZM_088_A1_B11_MR
57119	ZM_088_A1_B12	ZM_088_A1_B12_T7C	
57120	ZM_088_A1_B12		ZM_088_A1_B12_MR
57121	ZM_088_A1_C01	ZM_088_A1_C01_T7C	
57122	ZM_088_A1_C01		ZM_088_A1_C01_MR
57123	ZM_088_A1_C02	ZM_088_A1_C02_T7C	
57124	ZM_088_A1_C02		ZM_088_A1_C02_MR
57125	ZM_088_A1_C03	ZM_088_A1_C03_T7C	
57126	ZM_088_A1_C03		ZM_088_A1_C03_MR
57127	ZM_088_A1_C04	ZM_088_A1_C04_T7C	
57128	ZM_088_A1_C04		ZM_088_A1_C04_MR
57129	ZM_088_A1_C05		ZM_088_A1_C05_MR
57130	ZM_088_A1_C06	ZM_088_A1_C06_T7C	
57131	ZM_088_A1_C06		ZM_088_A1_C06_MR
57132	ZM_088_A1_C07	ZM_088_A1_C07_T7C	
57133	ZM_088_A1_C07		ZM_088_A1_C07_MR
57134	ZM_088_A1_C08	ZM_088_A1_C08_T7C	
57135	ZM_088_A1_C08		ZM_088_A1_C08_MR
57136	ZM_088_A1_C09	ZM_088_A1_C09_T7C	
57137	ZM_088_A1_C09		ZM_088_A1_C09_MR
57138	ZM_088_A1_C10	ZM_088_A1_C10_T7C	
57139	ZM_088_A1_C10		ZM_088_A1_C10_MR
57140	ZM_088_A1_C11		ZM_088_A1_C11_MR
57141	ZM_088_A1_C12	ZM_088_A1_C12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57142	ZM_088_A1_C12		ZM_088_A1_C12_MR
57143	ZM_088_A1_D01	ZM_088_A1_D01_T7C	ZM_088_A1_D01_MR
57144	ZM_088_A1_D01		
57145	ZM_088_A1_D02	ZM_088_A1_D02_T7C	ZM_088_A1_D02_MR
57146	ZM_088_A1_D02		
57147	ZM_088_A1_D04	ZM_088_A1_D04_T7C	ZM_088_A1_D04_MR
57148	ZM_088_A1_D04		
57149	ZM_088_A1_D05	ZM_088_A1_D05_T7C	ZM_088_A1_D05_MR
57150	ZM_088_A1_D05		
57151	ZM_088_A1_D06	ZM_088_A1_D06_T7C	ZM_088_A1_D06_MR
57152	ZM_088_A1_D06		ZM_088_A1_D07_MR
57153	ZM_088_A1_D07		
57154	ZM_088_A1_D08	ZM_088_A1_D08_T7C	ZM_088_A1_D08_MR
57155	ZM_088_A1_D08		
57156	ZM_088_A1_D09	ZM_088_A1_D09_T7C	ZM_088_A1_D09_MR
57157	ZM_088_A1_D09		
57158	ZM_088_A1_D10	ZM_088_A1_D10_T7C	ZM_088_A1_D10_MR
57159	ZM_088_A1_D10		
57160	ZM_088_A1_D11	ZM_088_A1_D11_T7C	ZM_088_A1_D11_MR
57161	ZM_088_A1_D11		
57162	ZM_088_A1_D12	ZM_088_A1_D12_T7C	ZM_088_A1_D12_MR
57163	ZM_088_A1_D12		
57164	ZM_088_A1_E01	ZM_088_A1_E01_T7C	
57165	ZM_088_A1_E02	ZM_088_A1_E02_T7C	ZM_088_A1_E02_MR
57166	ZM_088_A1_E02		ZM_088_A1_E03_MR
57167	ZM_088_A1_E03		
57168	ZM_088_A1_E04	ZM_088_A1_E04_T7C	ZM_088_A1_E04_MR
57169	ZM_088_A1_E04		ZM_088_A1_E05_MR
57170	ZM_088_A1_E05		
57171	ZM_088_A1_E07	ZM_088_A1_E07_T7C	ZM_088_A1_E07_MR
57172	ZM_088_A1_E07		
57173	ZM_088_A1_E08	ZM_088_A1_E08_T7C	ZM_088_A1_E08_MR
57174	ZM_088_A1_E08		
57175	ZM_088_A1_E10	ZM_088_A1_E10_T7C	ZM_088_A1_E10_MR
57176	ZM_088_A1_E10		
57177	ZM_088_A1_E11	ZM_088_A1_E11_T7C	ZM_088_A1_E11_MR
57178	ZM_088_A1_E11		
57179	ZM_088_A1_F01	ZM_088_A1_F01_T7C	ZM_088_A1_F01_MR
57180	ZM_088_A1_F01		
57181	ZM_088_A1_F02	ZM_088_A1_F02_T7C	ZM_088_A1_F02_MR
57182	ZM_088_A1_F02		
57183	ZM_088_A1_F03	ZM_088_A1_F03_T7C	ZM_088_A1_F03_MR
57184	ZM_088_A1_F03		
57185	ZM_088_A1_F04	ZM_088_A1_F04_T7C	ZM_088_A1_F04_MR
57186	ZM_088_A1_F04		
57187	ZM_088_A1_F05	ZM_088_A1_F05_T7C	ZM_088_A1_F05_MR
57188	ZM_088_A1_F05		
57189	ZM_088_A1_F06	ZM_088_A1_F06_T7C	ZM_088_A1_F06_MR
57190	ZM_088_A1_F06		ZM_088_A1_F07_MR
57191	ZM_088_A1_F07		
57192	ZM_088_A1_F08	ZM_088_A1_F08_T7C	ZM_088_A1_F08_MR
57193	ZM_088_A1_F08		
57194	ZM_088_A1_F09	ZM_088_A1_F09_T7C	ZM_088_A1_F09_MR
57195	ZM_088_A1_F09		
57196	ZM_088_A1_F10	ZM_088_A1_F10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57197	ZM_088_A1_F10		ZM_088_A1_F10_MR
57198	ZM_088_A1_F11	ZM_088_A1_F11_T7C	
57199	ZM_088_A1_F11		ZM_088_A1_F11_MR
57200	ZM_088_A1_G01	ZM_088_A1_G01_T7C	
57201	ZM_088_A1_G01		ZM_088_A1_G01_MR
57202	ZM_088_A1_G02	ZM_088_A1_G02_T7C	
57203	ZM_088_A1_G02		ZM_088_A1_G02_MR
57204	ZM_088_A1_G03	ZM_088_A1_G03_T7C	
57205	ZM_088_A1_G03		ZM_088_A1_G03_MR
57206	ZM_088_A1_G04	ZM_088_A1_G04_T7C	
57207	ZM_088_A1_G04		ZM_088_A1_G04_MR
57208	ZM_088_A1_G05		ZM_088_A1_G05_MR
57209	ZM_088_A1_G06	ZM_088_A1_G06_T7C	
57210	ZM_088_A1_G06		ZM_088_A1_G06_MR
57211	ZM_088_A1_G07	ZM_088_A1_G07_T7C	
57212	ZM_088_A1_G07		ZM_088_A1_G07_MR
57213	ZM_088_A1_G08	ZM_088_A1_G08_T7C	
57214	ZM_088_A1_G08		ZM_088_A1_G08_MR
57215	ZM_088_A1_G09	ZM_088_A1_G09_T7C	
57216	ZM_088_A1_G09		ZM_088_A1_G09_MR
57217	ZM_088_A1_G10	ZM_088_A1_G10_T7C	
57218	ZM_088_A1_G10		ZM_088_A1_G10_MR
57219	ZM_088_A1_G11	ZM_088_A1_G11_T7C	
57220	ZM_088_A1_G11		ZM_088_A1_G11_MR
57221	ZM_088_A1_G12		ZM_088_A1_G12_MR
57222	ZM_088_A1_H01	ZM_088_A1_H01_T7C	
57223	ZM_088_A1_H01		ZM_088_A1_H01_MR
57224	ZM_088_A1_H02	ZM_088_A1_H02_T7C	
57225	ZM_088_A1_H02		ZM_088_A1_H02_MR
57226	ZM_088_A1_H03		ZM_088_A1_H03_MR
57227	ZM_088_A1_H04		ZM_088_A1_H04_MR
57228	ZM_088_A1_H05		ZM_088_A1_H05_MR
57229	ZM_088_A1_H06	ZM_088_A1_H06_T7C	
57230	ZM_088_A1_H06		ZM_088_A1_H06_MR
57231	ZM_088_A1_H07	ZM_088_A1_H07_T7C	
57232	ZM_088_A1_H07		ZM_088_A1_H07_MR
57233	ZM_088_A1_H08		ZM_088_A1_H08_MR
57234	ZM_088_A1_H09	ZM_088_A1_H09_T7C	
57235	ZM_088_A1_H09		ZM_088_A1_H09_MR
57236	ZM_088_A1_H10	ZM_088_A1_H10_T7C	
57237	ZM_088_A1_H10		ZM_088_A1_H10_MR
57238	ZM_088_A1_H11	ZM_088_A1_H11_T7C	
57239	ZM_088_A1_H11		ZM_088_A1_H11_MR
57240	ZM_088_A1_H12	ZM_088_A1_H12_T7C	
57241	ZM_088_A1_H12		ZM_088_A1_H12_MR
57242	ZM_088_A2_A01		ZM_088_A2_A01_MR
57243	ZM_088_A2_A02	ZM_088_A2_A02_T7C	
57244	ZM_088_A2_A02		ZM_088_A2_A02_MR
57245	ZM_088_A2_A03	ZM_088_A2_A03_T7C	
57246	ZM_088_A2_A03		ZM_088_A2_A03_MR
57247	ZM_088_A2_A04		ZM_088_A2_A04_MR
57248	ZM_088_A2_A06	ZM_088_A2_A06_T7C	
57249	ZM_088_A2_A06		ZM_088_A2_A06_MR
57250	ZM_088_A2_A07	ZM_088_A2_A07_T7C	
57251	ZM_088_A2_A07		ZM_088_A2_A07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57252	ZM_088_A2_A08	ZM_088_A2_A08_T7C	
57253	ZM_088_A2_A08		ZM_088_A2_A08_MR
57254	ZM_088_A2_A09	ZM_088_A2_A09_T7C	
57255	ZM_088_A2_A09		ZM_088_A2_A09_MR
57256	ZM_088_A2_A10	ZM_088_A2_A10_T7C	
57257	ZM_088_A2_A10		ZM_088_A2_A10_MR
57258	ZM_088_A2_A11	ZM_088_A2_A11_T7C	
57259	ZM_088_A2_A11		ZM_088_A2_A11_MR
57260	ZM_088_A2_A12	ZM_088_A2_A12_T7C	
57261	ZM_088_A2_A12		ZM_088_A2_A12_MR
57262	ZM_088_A2_B01	ZM_088_A2_B01_T7C	
57263	ZM_088_A2_B01		ZM_088_A2_B01_MR
57264	ZM_088_A2_B02	ZM_088_A2_B02_T7C	
57265	ZM_088_A2_B02		ZM_088_A2_B02_MR
57266	ZM_088_A2_B03	ZM_088_A2_B03_T7C	
57267	ZM_088_A2_B03		ZM_088_A2_B03_MR
57268	ZM_088_A2_B04	ZM_088_A2_B04_T7C	
57269	ZM_088_A2_B04		ZM_088_A2_B04_MR
57270	ZM_088_A2_B05	ZM_088_A2_B05_T7C	
57271	ZM_088_A2_B05		ZM_088_A2_B05_MR
57272	ZM_088_A2_B06	ZM_088_A2_B06_T7C	
57273	ZM_088_A2_B06		ZM_088_A2_B06_MR
57274	ZM_088_A2_B07	ZM_088_A2_B07_T7C	
57275	ZM_088_A2_B07		ZM_088_A2_B07_MR
57276	ZM_088_A2_B08	ZM_088_A2_B08_T7C	
57277	ZM_088_A2_B08		ZM_088_A2_B08_MR
57278	ZM_088_A2_B10	ZM_088_A2_B10_T7C	
57279	ZM_088_A2_B10		ZM_088_A2_B10_MR
57280	ZM_088_A2_B11	ZM_088_A2_B11_T7C	
57281	ZM_088_A2_B11		ZM_088_A2_B11_MR
57282	ZM_088_A2_B12	ZM_088_A2_B12_T7C	
57283	ZM_088_A2_C01	ZM_088_A2_C01_T7C	
57284	ZM_088_A2_C01		ZM_088_A2_C01_MR
57285	ZM_088_A2_C02		ZM_088_A2_C02_MR
57286	ZM_088_A2_C03		ZM_088_A2_C03_MR
57287	ZM_088_A2_C04	ZM_088_A2_C04_T7C	
57288	ZM_088_A2_C04		ZM_088_A2_C04_MR
57289	ZM_088_A2_C05		ZM_088_A2_C05_MR
57290	ZM_088_A2_C06	ZM_088_A2_C06_T7C	
57291	ZM_088_A2_C07	ZM_088_A2_C07_T7C	
57292	ZM_088_A2_C07		ZM_088_A2_C07_MR
57293	ZM_088_A2_C08	ZM_088_A2_C08_T7C	
57294	ZM_088_A2_C08		ZM_088_A2_C08_MR
57295	ZM_088_A2_C10	ZM_088_A2_C10_T7C	
57296	ZM_088_A2_C10		ZM_088_A2_C10_MR
57297	ZM_088_A2_C11		ZM_088_A2_C11_MR
57298	ZM_088_A2_C12	ZM_088_A2_C12_T7C	
57299	ZM_088_A2_C12		ZM_088_A2_C12_MR
57300	ZM_088_A2_D01	ZM_088_A2_D01_T7C	
57301	ZM_088_A2_D01		ZM_088_A2_D01_MR
57302	ZM_088_A2_D02	ZM_088_A2_D02_T7C	
57303	ZM_088_A2_D02		ZM_088_A2_D02_MR
57304	ZM_088_A2_D03	ZM_088_A2_D03_T7C	
57305	ZM_088_A2_D03		ZM_088_A2_D03_MR
57306	ZM_088_A2_D04	ZM_088_A2_D04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57307	ZM_088_A2_D04		ZM_088_A2_D04_MR
57308	ZM_088_A2_D05	ZM_088_A2_D05_T7C	
57309	ZM_088_A2_D05		ZM_088_A2_D05_MR
57310	ZM_088_A2_D06		ZM_088_A2_D06_MR
57311	ZM_088_A2_D07	ZM_088_A2_D07_T7C	
57312	ZM_088_A2_D07		ZM_088_A2_D07_MR
57313	ZM_088_A2_D08	ZM_088_A2_D08_T7C	
57314	ZM_088_A2_D08		ZM_088_A2_D08_MR
57315	ZM_088_A2_D10	ZM_088_A2_D10_T7C	
57316	ZM_088_A2_D10		ZM_088_A2_D10_MR
57317	ZM_088_A2_D11	ZM_088_A2_D11_T7C	
57318	ZM_088_A2_D11		ZM_088_A2_D11_MR
57319	ZM_088_A2_D12	ZM_088_A2_D12_T7C	
57320	ZM_088_A2_D12		ZM_088_A2_D12_MR
57321	ZM_088_A2_E01	ZM_088_A2_E01_T7C	
57322	ZM_088_A2_E01		ZM_088_A2_E01_MR
57323	ZM_088_A2_E02	ZM_088_A2_E02_T7C	
57324	ZM_088_A2_E02		ZM_088_A2_E02_MR
57325	ZM_088_A2_E03	ZM_088_A2_E03_T7C	
57326	ZM_088_A2_E04	ZM_088_A2_E04_T7C	
57327	ZM_088_A2_E04		ZM_088_A2_E04_MR
57328	ZM_088_A2_E05		ZM_088_A2_E05_MR
57329	ZM_088_A2_E06	ZM_088_A2_E06_T7C	
57330	ZM_088_A2_E06		ZM_088_A2_E06_MR
57331	ZM_088_A2_E07	ZM_088_A2_E07_T7C	
57332	ZM_088_A2_E07		ZM_088_A2_E07_MR
57333	ZM_088_A2_E08	ZM_088_A2_E08_T7C	
57334	ZM_088_A2_E08		ZM_088_A2_E08_MR
57335	ZM_088_A2_E09	ZM_088_A2_E09_T7C	
57336	ZM_088_A2_E09		ZM_088_A2_E09_MR
57337	ZM_088_A2_E10	ZM_088_A2_E10_T7C	
57338	ZM_088_A2_E10		ZM_088_A2_E10_MR
57339	ZM_088_A2_E11	ZM_088_A2_E11_T7C	
57340	ZM_088_A2_E11		ZM_088_A2_E11_MR
57341	ZM_088_A2_E12	ZM_088_A2_E12_T7C	
57342	ZM_088_A2_E12		ZM_088_A2_E12_MR
57343	ZM_088_A2_F01	ZM_088_A2_F01_T7C	
57344	ZM_088_A2_F01		ZM_088_A2_F01_MR
57345	ZM_088_A2_F02	ZM_088_A2_F02_T7C	
57346	ZM_088_A2_F02		ZM_088_A2_F02_MR
57347	ZM_088_A2_F04	ZM_088_A2_F04_T7C	
57348	ZM_088_A2_F04		ZM_088_A2_F04_MR
57349	ZM_088_A2_F05	ZM_088_A2_F05_T7C	
57350	ZM_088_A2_F05		ZM_088_A2_F05_MR
57351	ZM_088_A2_F06	ZM_088_A2_F06_T7C	
57352	ZM_088_A2_F07	ZM_088_A2_F07_T7C	
57353	ZM_088_A2_F07		ZM_088_A2_F07_MR
57354	ZM_088_A2_F08	ZM_088_A2_F08_T7C	
57355	ZM_088_A2_F09	ZM_088_A2_F09_T7C	
57356	ZM_088_A2_F09		ZM_088_A2_F09_MR
57357	ZM_088_A2_F10	ZM_088_A2_F10_T7C	
57358	ZM_088_A2_F10		ZM_088_A2_F10_MR
57359	ZM_088_A2_F11	ZM_088_A2_F11_T7C	
57360	ZM_088_A2_F11		ZM_088_A2_F11_MR
57361	ZM_088_A2_F12	ZM_088_A2_F12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57362	ZM_088_A2_F12		ZM_088_A2_F12_MR
57363	ZM_088_A2_G01	ZM_088_A2_G01_T7C	
57364	ZM_088_A2_G01		ZM_088_A2_G01_MR
57365	ZM_088_A2_G02	ZM_088_A2_G02_T7C	
57366	ZM_088_A2_G02		ZM_088_A2_G02_MR
57367	ZM_088_A2_G03	ZM_088_A2_G03_T7C	
57368	ZM_088_A2_G03		ZM_088_A2_G03_MR
57369	ZM_088_A2_G04	ZM_088_A2_G04_T7C	
57370	ZM_088_A2_G04		ZM_088_A2_G04_MR
57371	ZM_088_A2_G05	ZM_088_A2_G05_T7C	
57372	ZM_088_A2_G05		ZM_088_A2_G05_MR
57373	ZM_088_A2_G06	ZM_088_A2_G06_T7C	
57374	ZM_088_A2_G07	ZM_088_A2_G07_T7C	
57375	ZM_088_A2_G07		ZM_088_A2_G07_MR
57376	ZM_088_A2_G08		ZM_088_A2_G08_MR
57377	ZM_088_A2_G09	ZM_088_A2_G09_T7C	
57378	ZM_088_A2_G10	ZM_088_A2_G10_T7C	
57379	ZM_088_A2_G10		ZM_088_A2_G10_MR
57380	ZM_088_A2_G11	ZM_088_A2_G11_T7C	
57381	ZM_088_A2_G11		ZM_088_A2_G11_MR
57382	ZM_088_A2_G12	ZM_088_A2_G12_T7C	
57383	ZM_088_A2_G12		ZM_088_A2_G12_MR
57384	ZM_088_A2_H01	ZM_088_A2_H01_T7C	
57385	ZM_088_A2_H01		ZM_088_A2_H01_MR
57386	ZM_088_A2_H02	ZM_088_A2_H02_T7C	
57387	ZM_088_A2_H02		ZM_088_A2_H02_MR
57388	ZM_088_A2_H03	ZM_088_A2_H03_T7C	
57389	ZM_088_A2_H03		ZM_088_A2_H03_MR
57390	ZM_088_A2_H05		ZM_088_A2_H05_MR
57391	ZM_088_A2_H06	ZM_088_A2_H06_T7C	
57392	ZM_088_A2_H06		ZM_088_A2_H06_MR
57393	ZM_088_A2_H07	ZM_088_A2_H07_T7C	
57394	ZM_088_A2_H07		ZM_088_A2_H07_MR
57395	ZM_088_A2_H08	ZM_088_A2_H08_T7C	
57396	ZM_088_A2_H08		ZM_088_A2_H08_MR
57397	ZM_088_A2_H09	ZM_088_A2_H09_T7C	
57398	ZM_088_A2_H09		ZM_088_A2_H09_MR
57399	ZM_088_A2_H10	ZM_088_A2_H10_T7C	
57400	ZM_088_A2_H10		ZM_088_A2_H10_MR
57401	ZM_088_A2_H11	ZM_088_A2_H11_T7C	
57402	ZM_088_A2_H11		ZM_088_A2_H11_MR
57403	ZM_088_A2_H12	ZM_088_A2_H12_T7C	
57404	ZM_088_A2_H12		ZM_088_A2_H12_MR
57405	ZM_088_B1_A01	ZM_088_B1_A01_T7C	
57406	ZM_088_B1_A01		ZM_088_B1_A01_MR
57407	ZM_088_B1_A02	ZM_088_B1_A02_T7C	
57408	ZM_088_B1_A02		ZM_088_B1_A02_MR
57409	ZM_088_B1_A03	ZM_088_B1_A03_T7C	
57410	ZM_088_B1_A03		ZM_088_B1_A03_MR
57411	ZM_088_B1_A04	ZM_088_B1_A04_T7C	
57412	ZM_088_B1_A04		ZM_088_B1_A04_MR
57413	ZM_088_B1_A05	ZM_088_B1_A05_T7C	
57414	ZM_088_B1_A06	ZM_088_B1_A06_T7C	
57415	ZM_088_B1_A07	ZM_088_B1_A07_T7C	
57416	ZM_088_B1_A08	ZM_088_B1_A08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57417	ZM_088_B1_A09	ZM_088_B1_A09_T7C	
57418	ZM_088_B1_A10	ZM_088_B1_A10_T7C	
57419	ZM_088_B1_A11	ZM_088_B1_A11_T7C	
57420	ZM_088_B1_A12	ZM_088_B1_A12_T7C	
57421	ZM_088_B1_B01	ZM_088_B1_B01_T7C	
57422	ZM_088_B1_B01		ZM_088_B1_B01_MR
57423	ZM_088_B1_B02	ZM_088_B1_B02_T7C	
57424	ZM_088_B1_B03	ZM_088_B1_B03_T7C	
57425	ZM_088_B1_B04	ZM_088_B1_B04_T7C	
57426	ZM_088_B1_B05	ZM_088_B1_B05_T7C	
57427	ZM_088_B1_B06	ZM_088_B1_B06_T7C	
57428	ZM_088_B1_B07	ZM_088_B1_B07_T7C	
57429	ZM_088_B1_B08	ZM_088_B1_B08_T7C	
57430	ZM_088_B1_B09	ZM_088_B1_B09_T7C	
57431	ZM_088_B1_B10	ZM_088_B1_B10_T7C	
57432	ZM_088_B1_B12	ZM_088_B1_B12_T7C	
57433	ZM_088_B1_C01	ZM_088_B1_C01_T7C	
57434	ZM_088_B1_C02	ZM_088_B1_C02_T7C	
57435	ZM_088_B1_C03	ZM_088_B1_C03_T7C	
57436	ZM_088_B1_C04	ZM_088_B1_C04_T7C	
57437	ZM_088_B1_C06	ZM_088_B1_C06_T7C	
57438	ZM_088_B1_C07	ZM_088_B1_C07_T7C	
57439	ZM_088_B1_C08	ZM_088_B1_C08_T7C	
57440	ZM_088_B1_C09	ZM_088_B1_C09_T7C	
57441	ZM_088_B1_C10	ZM_088_B1_C10_T7C	
57442	ZM_088_B1_C11	ZM_088_B1_C11_T7C	
57443	ZM_088_B1_C12	ZM_088_B1_C12_T7C	
57444	ZM_088_B1_C12		ZM_088_B1_C12_MR
57445	ZM_088_B1_D01	ZM_088_B1_D01_T7C	
57446	ZM_088_B1_D02	ZM_088_B1_D02_T7C	
57447	ZM_088_B1_D04	ZM_088_B1_D04_T7C	
57448	ZM_088_B1_D05	ZM_088_B1_D05_T7C	
57449	ZM_088_B1_D06	ZM_088_B1_D06_T7C	
57450	ZM_088_B1_D07	ZM_088_B1_D07_T7C	
57451	ZM_088_B1_D08	ZM_088_B1_D08_T7C	
57452	ZM_088_B1_D10	ZM_088_B1_D10_T7C	
57453	ZM_088_B1_D11	ZM_088_B1_D11_T7C	
57454	ZM_088_B1_E01	ZM_088_B1_E01_T7C	
57455	ZM_088_B1_E01		ZM_088_B1_E01_MR
57456	ZM_088_B1_E03	ZM_088_B1_E03_T7C	
57457	ZM_088_B1_E04	ZM_088_B1_E04_T7C	
57458	ZM_088_B1_E05	ZM_088_B1_E05_T7C	
57459	ZM_088_B1_E05		ZM_088_B1_E05_MR
57460	ZM_088_B1_E06	ZM_088_B1_E06_T7C	
57461	ZM_088_B1_E07	ZM_088_B1_E07_T7C	
57462	ZM_088_B1_E08	ZM_088_B1_E08_T7C	
57463	ZM_088_B1_E09	ZM_088_B1_E09_T7C	
57464	ZM_088_B1_E10	ZM_088_B1_E10_T7C	
57465	ZM_088_B1_E11	ZM_088_B1_E11_T7C	
57466	ZM_088_B1_E12	ZM_088_B1_E12_T7C	
57467	ZM_088_B1_F01	ZM_088_B1_F01_T7C	
57468	ZM_088_B1_F01		ZM_088_B1_F01_MR
57469	ZM_088_B1_F02	ZM_088_B1_F02_T7C	
57470	ZM_088_B1_F03	ZM_088_B1_F03_T7C	
57471	ZM_088_B1_F04	ZM_088_B1_F04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57472	ZM_088_B1_F05	ZM_088_B1_F05_T7C	
57473	ZM_088_B1_F07	ZM_088_B1_F07_T7C	
57474	ZM_088_B1_F08	ZM_088_B1_F08_T7C	
57475	ZM_088_B1_F09	ZM_088_B1_F09_T7C	
57476	ZM_088_B1_F10	ZM_088_B1_F10_T7C	
57477	ZM_088_B1_F11	ZM_088_B1_F11_T7C	
57478	ZM_088_B1_F12	ZM_088_B1_F12_T7C	
57479	ZM_088_B1_F12		ZM_088_B1_F12_MR
57480	ZM_088_B1_G01	ZM_088_B1_G01_T7C	
57481	ZM_088_B1_G02	ZM_088_B1_G02_T7C	
57482	ZM_088_B1_G03	ZM_088_B1_G03_T7C	
57483	ZM_088_B1_G04		ZM_088_B1_G04_MR
57484	ZM_088_B1_G05	ZM_088_B1_G05_T7C	
57485	ZM_088_B1_G05		ZM_088_B1_G05_MR
57486	ZM_088_B1_G06	ZM_088_B1_G06_T7C	
57487	ZM_088_B1_G07	ZM_088_B1_G07_T7C	
57488	ZM_088_B1_G08	ZM_088_B1_G08_T7C	
57489	ZM_088_B1_G09	ZM_088_B1_G09_T7C	
57490	ZM_088_B1_G11	ZM_088_B1_G11_T7C	
57491	ZM_088_B1_G12	ZM_088_B1_G12_T7C	
57492	ZM_088_B1_H01	ZM_088_B1_H01_T7C	
57493	ZM_088_B1_H02	ZM_088_B1_H02_T7C	
57494	ZM_088_B1_H03	ZM_088_B1_H03_T7C	
57495	ZM_088_B1_H03		ZM_088_B1_H03_MR
57496	ZM_088_B1_H04	ZM_088_B1_H04_T7C	
57497	ZM_088_B1_H04		ZM_088_B1_H04_MR
57498	ZM_088_B1_H05	ZM_088_B1_H05_T7C	
57499	ZM_088_B1_H06	ZM_088_B1_H06_T7C	
57500	ZM_088_B1_H07	ZM_088_B1_H07_T7C	
57501	ZM_088_B1_H08	ZM_088_B1_H08_T7C	
57502	ZM_088_B1_H09	ZM_088_B1_H09_T7C	
57503	ZM_088_B1_H10	ZM_088_B1_H10_T7C	
57504	ZM_088_B1_H10		ZM_088_B1_H10_MR
57505	ZM_088_B1_H11	ZM_088_B1_H11_T7C	
57506	ZM_089_A1_A02	ZM_089_A1_A02_T7C	
57507	ZM_089_A1_A02		ZM_089_A1_A02_MR
57508	ZM_089_A1_A03	ZM_089_A1_A03_T7C	
57509	ZM_089_A1_A04	ZM_089_A1_A04_T7C	
57510	ZM_089_A1_A04		ZM_089_A1_A04_MR
57511	ZM_089_A1_A05	ZM_089_A1_A05_T7C	
57512	ZM_089_A1_A07		ZM_089_A1_A07_MR
57513	ZM_089_A1_A08		ZM_089_A1_A08_MR
57514	ZM_089_A1_A09	ZM_089_A1_A09_T7C	
57515	ZM_089_A1_A09		ZM_089_A1_A09_MR
57516	ZM_089_A1_A10		ZM_089_A1_A10_MR
57517	ZM_089_A1_A11	ZM_089_A1_A11_T7C	
57518	ZM_089_A1_A12	ZM_089_A1_A12_T7C	
57519	ZM_089_A1_A12		ZM_089_A1_A12_MR
57520	ZM_089_A1_B01	ZM_089_A1_B01_T7C	
57521	ZM_089_A1_B01		ZM_089_A1_B01_MR
57522	ZM_089_A1_B02		ZM_089_A1_B02_MR
57523	ZM_089_A1_B03	ZM_089_A1_B03_T7C	
57524	ZM_089_A1_B03		ZM_089_A1_B03_MR
57525	ZM_089_A1_B04	ZM_089_A1_B04_T7C	
57526	ZM_089_A1_B04		ZM_089_A1_B04_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57527	ZM_089_A1_B05	ZM_089_A1_B05_T7C	
57528	ZM_089_A1_B05		ZM_089_A1_B05_MR
57529	ZM_089_A1_B06	ZM_089_A1_B06_T7C	
57530	ZM_089_A1_B07	ZM_089_A1_B07_T7C	
57531	ZM_089_A1_B07		ZM_089_A1_B07_MR
57532	ZM_089_A1_B08	ZM_089_A1_B08_T7C	
57533	ZM_089_A1_B08		ZM_089_A1_B08_MR
57534	ZM_089_A1_B09	ZM_089_A1_B09_T7C	
57535	ZM_089_A1_B09		ZM_089_A1_B09_MR
57536	ZM_089_A1_B10	ZM_089_A1_B10_T7C	
57537	ZM_089_A1_B10		ZM_089_A1_B10_MR
57538	ZM_089_A1_B11		ZM_089_A1_B11_MR
57539	ZM_089_A1_B12	ZM_089_A1_B12_T7C	
57540	ZM_089_A1_B12		ZM_089_A1_B12_MR
57541	ZM_089_A1_C01	ZM_089_A1_C01_T7C	
57542	ZM_089_A1_C01		ZM_089_A1_C01_MR
57543	ZM_089_A1_C02	ZM_089_A1_C02_T7C	
57544	ZM_089_A1_C02		ZM_089_A1_C02_MR
57545	ZM_089_A1_C03	ZM_089_A1_C03_T7C	
57546	ZM_089_A1_C03		ZM_089_A1_C03_MR
57547	ZM_089_A1_C04	ZM_089_A1_C04_T7C	
57548	ZM_089_A1_C04		ZM_089_A1_C04_MR
57549	ZM_089_A1_C05	ZM_089_A1_C05_T7C	
57550	ZM_089_A1_C05		ZM_089_A1_C05_MR
57551	ZM_089_A1_C06	ZM_089_A1_C06_T7C	
57552	ZM_089_A1_C07	ZM_089_A1_C07_T7C	
57553	ZM_089_A1_C07		ZM_089_A1_C07_MR
57554	ZM_089_A1_C08	ZM_089_A1_C08_T7C	
57555	ZM_089_A1_C08		ZM_089_A1_C08_MR
57556	ZM_089_A1_C09	ZM_089_A1_C09_T7C	
57557	ZM_089_A1_C09		ZM_089_A1_C09_MR
57558	ZM_089_A1_C10	ZM_089_A1_C10_T7C	
57559	ZM_089_A1_C10		ZM_089_A1_C10_MR
57560	ZM_089_A1_C11	ZM_089_A1_C11_T7C	
57561	ZM_089_A1_C12	ZM_089_A1_C12_T7C	
57562	ZM_089_A1_C12		ZM_089_A1_C12_MR
57563	ZM_089_A1_D01	ZM_089_A1_D01_T7C	
57564	ZM_089_A1_D01		ZM_089_A1_D01_MR
57565	ZM_089_A1_D02	ZM_089_A1_D02_T7C	
57566	ZM_089_A1_D02		ZM_089_A1_D02_MR
57567	ZM_089_A1_D04	ZM_089_A1_D04_T7C	
57568	ZM_089_A1_D04		ZM_089_A1_D04_MR
57569	ZM_089_A1_D05	ZM_089_A1_D05_T7C	
57570	ZM_089_A1_D05		ZM_089_A1_D05_MR
57571	ZM_089_A1_D06	ZM_089_A1_D06_T7C	
57572	ZM_089_A1_D06		ZM_089_A1_D06_MR
57573	ZM_089_A1_D07	ZM_089_A1_D07_T7C	
57574	ZM_089_A1_D07		ZM_089_A1_D07_MR
57575	ZM_089_A1_D08	ZM_089_A1_D08_T7C	
57576	ZM_089_A1_D08		ZM_089_A1_D08_MR
57577	ZM_089_A1_D09	ZM_089_A1_D09_T7C	
57578	ZM_089_A1_D09		ZM_089_A1_D09_MR
57579	ZM_089_A1_D10	ZM_089_A1_D10_T7C	
57580	ZM_089_A1_D10		ZM_089_A1_D10_MR
57581	ZM_089_A1_D11	ZM_089_A1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57582	ZM_089_A1_D11		ZM_089_A1_D11_MR
57583	ZM_089_A1_D12	ZM_089_A1_D12_T7C	
57584	ZM_089_A1_D12		ZM_089_A1_D12_MR
57585	ZM_089_A1_E01	ZM_089_A1_E01_T7C	
57586	ZM_089_A1_E01		ZM_089_A1_E01_MR
57587	ZM_089_A1_E02		ZM_089_A1_E02_MR
57588	ZM_089_A1_E03	ZM_089_A1_E03_T7C	
57589	ZM_089_A1_E03		ZM_089_A1_E03_MR
57590	ZM_089_A1_E04	ZM_089_A1_E04_T7C	
57591	ZM_089_A1_E04		ZM_089_A1_E04_MR
57592	ZM_089_A1_E06	ZM_089_A1_E06_T7C	
57593	ZM_089_A1_E07	ZM_089_A1_E07_T7C	
57594	ZM_089_A1_E07		ZM_089_A1_E07_MR
57595	ZM_089_A1_E08		ZM_089_A1_E08_MR
57596	ZM_089_A1_E09	ZM_089_A1_E09_T7C	
57597	ZM_089_A1_E09		ZM_089_A1_E09_MR
57598	ZM_089_A1_E11	ZM_089_A1_E11_T7C	
57599	ZM_089_A1_E12	ZM_089_A1_E12_T7C	
57600	ZM_089_A1_F01	ZM_089_A1_F01_T7C	
57601	ZM_089_A1_F01		ZM_089_A1_F01_MR
57602	ZM_089_A1_F02	ZM_089_A1_F02_T7C	
57603	ZM_089_A1_F02		ZM_089_A1_F02_MR
57604	ZM_089_A1_F04	ZM_089_A1_F04_T7C	
57605	ZM_089_A1_F04		ZM_089_A1_F04_MR
57606	ZM_089_A1_F05	ZM_089_A1_F05_T7C	
57607	ZM_089_A1_F05		ZM_089_A1_F05_MR
57608	ZM_089_A1_F06	ZM_089_A1_F06_T7C	
57609	ZM_089_A1_F06		ZM_089_A1_F06_MR
57610	ZM_089_A1_F07	ZM_089_A1_F07_T7C	
57611	ZM_089_A1_F07		ZM_089_A1_F07_MR
57612	ZM_089_A1_F08	ZM_089_A1_F08_T7C	
57613	ZM_089_A1_F08		ZM_089_A1_F08_MR
57614	ZM_089_A1_F09	ZM_089_A1_F09_T7C	
57615	ZM_089_A1_F09		ZM_089_A1_F09_MR
57616	ZM_089_A1_F10	ZM_089_A1_F10_T7C	
57617	ZM_089_A1_F10		ZM_089_A1_F10_MR
57618	ZM_089_A1_F11	ZM_089_A1_F11_T7C	
57619	ZM_089_A1_F11		ZM_089_A1_F11_MR
57620	ZM_089_A1_F12	ZM_089_A1_F12_T7C	
57621	ZM_089_A1_F12		ZM_089_A1_F12_MR
57622	ZM_089_A1_G01	ZM_089_A1_G01_T7C	
57623	ZM_089_A1_G01		ZM_089_A1_G01_MR
57624	ZM_089_A1_G02	ZM_089_A1_G02_T7C	
57625	ZM_089_A1_G02		ZM_089_A1_G02_MR
57626	ZM_089_A1_G03	ZM_089_A1_G03_T7C	
57627	ZM_089_A1_G03		ZM_089_A1_G03_MR
57628	ZM_089_A1_G04	ZM_089_A1_G04_T7C	
57629	ZM_089_A1_G04		ZM_089_A1_G04_MR
57630	ZM_089_A1_G05	ZM_089_A1_G05_T7C	
57631	ZM_089_A1_G05		ZM_089_A1_G05_MR
57632	ZM_089_A1_G06	ZM_089_A1_G06_T7C	
57633	ZM_089_A1_G06		ZM_089_A1_G06_MR
57634	ZM_089_A1_G07	ZM_089_A1_G07_T7C	
57635	ZM_089_A1_G07		ZM_089_A1_G07_MR
57636	ZM_089_A1_G08	ZM_089_A1_G08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57637	ZM_089_A1_G08		ZM_089_A1_G08_MR
57638	ZM_089_A1_G09	ZM_089_A1_G09_T7C	
57639	ZM_089_A1_G09		ZM_089_A1_G09_MR
57640	ZM_089_A1_G10	ZM_089_A1_G10_T7C	
57641	ZM_089_A1_G10		ZM_089_A1_G10_MR
57642	ZM_089_A1_G11	ZM_089_A1_G11_T7C	
57643	ZM_089_A1_G11		ZM_089_A1_G11_MR
57644	ZM_089_A1_G12	ZM_089_A1_G12_T7C	
57645	ZM_089_A1_G12		ZM_089_A1_G12_MR
57646	ZM_089_A1_H01	ZM_089_A1_H01_T7C	
57647	ZM_089_A1_H01		ZM_089_A1_H01_MR
57648	ZM_089_A1_H02	ZM_089_A1_H02_T7C	
57649	ZM_089_A1_H02		ZM_089_A1_H02_MR
57650	ZM_089_A1_H03	ZM_089_A1_H03_T7C	
57651	ZM_089_A1_H03		ZM_089_A1_H03_MR
57652	ZM_089_A1_H04	ZM_089_A1_H04_T7C	
57653	ZM_089_A1_H04		ZM_089_A1_H04_MR
57654	ZM_089_A1_H05	ZM_089_A1_H05_T7C	
57655	ZM_089_A1_H05		ZM_089_A1_H05_MR
57656	ZM_089_A1_H06	ZM_089_A1_H06_T7C	
57657	ZM_089_A1_H06		ZM_089_A1_H06_MR
57658	ZM_089_A1_H07	ZM_089_A1_H07_T7C	
57659	ZM_089_A1_H07		ZM_089_A1_H07_MR
57660	ZM_089_A1_H08	ZM_089_A1_H08_T7C	
57661	ZM_089_A1_H08		ZM_089_A1_H08_MR
57662	ZM_089_A1_H09	ZM_089_A1_H09_T7C	
57663	ZM_089_A1_H09		ZM_089_A1_H09_MR
57664	ZM_089_A1_H10	ZM_089_A1_H10_T7C	
57665	ZM_089_A1_H10		ZM_089_A1_H10_MR
57666	ZM_089_A1_H11	ZM_089_A1_H11_T7C	
57667	ZM_089_A1_H11		ZM_089_A1_H11_MR
57668	ZM_089_A1_H12	ZM_089_A1_H12_T7C	
57669	ZM_089_A1_H12		ZM_089_A1_H12_MR
57670	ZM_089_A2_A04		ZM_089_A2_A04_MR
57671	ZM_089_A2_A08		ZM_089_A2_A08_MR
57672	ZM_089_A2_A12		ZM_089_A2_A12_MR
57673	ZM_089_A2_B01		ZM_089_A2_B01_MR
57674	ZM_089_A2_B02		ZM_089_A2_B02_MR
57675	ZM_089_A2_B07		ZM_089_A2_B07_MR
57676	ZM_089_A2_B08		ZM_089_A2_B08_MR
57677	ZM_089_A2_B10		ZM_089_A2_B10_MR
57678	ZM_089_A2_B11		ZM_089_A2_B11_MR
57679	ZM_089_A2_B12		ZM_089_A2_B12_MR
57680	ZM_089_A2_C05		ZM_089_A2_C05_MR
57681	ZM_089_A2_C06		ZM_089_A2_C06_MR
57682	ZM_089_A2_C07		ZM_089_A2_C07_MR
57683	ZM_089_A2_C08		ZM_089_A2_C08_MR
57684	ZM_089_A2_C09		ZM_089_A2_C09_MR
57685	ZM_089_A2_C10		ZM_089_A2_C10_MR
57686	ZM_089_A2_C11		ZM_089_A2_C11_MR
57687	ZM_089_A2_D02		ZM_089_A2_D02_MR
57688	ZM_089_A2_D03		ZM_089_A2_D03_MR
57689	ZM_089_A2_D04		ZM_089_A2_D04_MR
57690	ZM_089_A2_D05		ZM_089_A2_D05_MR
57691	ZM_089_A2_D06		ZM_089_A2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57692	ZM_089_A2_D07		ZM_089_A2_D07_MR
57693	ZM_089_A2_D08		ZM_089_A2_D08_MR
57694	ZM_089_A2_D09		ZM_089_A2_D09_MR
57695	ZM_089_A2_D10		ZM_089_A2_D10_MR
57696	ZM_089_A2_D11		ZM_089_A2_D11_MR
57697	ZM_089_A2_D12		ZM_089_A2_D12_MR
57698	ZM_089_A2_E01		ZM_089_A2_E01_MR
57699	ZM_089_A2_E02		ZM_089_A2_E02_MR
57700	ZM_089_A2_E03		ZM_089_A2_E03_MR
57701	ZM_089_A2_E04		ZM_089_A2_E04_MR
57702	ZM_089_A2_E06		ZM_089_A2_E06_MR
57703	ZM_089_A2_E07		ZM_089_A2_E07_MR
57704	ZM_089_A2_E08		ZM_089_A2_E08_MR
57705	ZM_089_A2_E09		ZM_089_A2_E09_MR
57706	ZM_089_A2_E10		ZM_089_A2_E10_MR
57707	ZM_089_A2_E11		ZM_089_A2_E11_MR
57708	ZM_089_A2_E12		ZM_089_A2_E12_MR
57709	ZM_089_A2_F01		ZM_089_A2_F01_MR
57710	ZM_089_A2_F03		ZM_089_A2_F03_MR
57711	ZM_089_A2_F06		ZM_089_A2_F06_MR
57712	ZM_089_A2_F07		ZM_089_A2_F07_MR
57713	ZM_089_A2_F10		ZM_089_A2_F10_MR
57714	ZM_089_A2_F11		ZM_089_A2_F11_MR
57715	ZM_089_A2_F12		ZM_089_A2_F12_MR
57716	ZM_089_A2_G01		ZM_089_A2_G01_MR
57717	ZM_089_A2_G05		ZM_089_A2_G05_MR
57718	ZM_089_A2_G06		ZM_089_A2_G06_MR
57719	ZM_089_A2_G07		ZM_089_A2_G07_MR
57720	ZM_089_A2_G08		ZM_089_A2_G08_MR
57721	ZM_089_A2_G09		ZM_089_A2_G09_MR
57722	ZM_089_A2_G10		ZM_089_A2_G10_MR
57723	ZM_089_A2_G11		ZM_089_A2_G11_MR
57724	ZM_089_A2_G12		ZM_089_A2_G12_MR
57725	ZM_089_A2_H01		ZM_089_A2_H01_MR
57726	ZM_089_A2_H02		ZM_089_A2_H02_MR
57727	ZM_089_A2_H03		ZM_089_A2_H03_MR
57728	ZM_089_A2_H04		ZM_089_A2_H04_MR
57729	ZM_089_A2_H06		ZM_089_A2_H06_MR
57730	ZM_089_A2_H07		ZM_089_A2_H07_MR
57731	ZM_089_A2_H08		ZM_089_A2_H08_MR
57732	ZM_089_A2_H10		ZM_089_A2_H10_MR
57733	ZM_089_A2_H11		ZM_089_A2_H11_MR
57734	ZM_089_B1_A01	ZM_089_B1_A01_T7C	
57735	ZM_089_B1_A02		ZM_089_B1_A02_MR
57736	ZM_089_B1_A03	ZM_089_B1_A03_T7C	
57737	ZM_089_B1_A03		ZM_089_B1_A03_MR
57738	ZM_089_B1_A04	ZM_089_B1_A04_T7C	
57739	ZM_089_B1_A04		ZM_089_B1_A04_MR
57740	ZM_089_B1_A05	ZM_089_B1_A05_T7C	
57741	ZM_089_B1_A05		ZM_089_B1_A05_MR
57742	ZM_089_B1_A06	ZM_089_B1_A06_T7C	
57743	ZM_089_B1_A06		ZM_089_B1_A06_MR
57744	ZM_089_B1_A07	ZM_089_B1_A07_T7C	
57745	ZM_089_B1_A07		ZM_089_B1_A07_MR
57746	ZM_089_B1_A08		ZM_089_B1_A08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57747	ZM_089_B1_A09	ZM_089_B1_A09_T7C	
57748	ZM_089_B1_A09		ZM_089_B1_A09_MR
57749	ZM_089_B1_A10	ZM_089_B1_A10_T7C	
57750	ZM_089_B1_A10		ZM_089_B1_A10_MR
57751	ZM_089_B1_A11	ZM_089_B1_A11_T7C	
57752	ZM_089_B1_A11		ZM_089_B1_A11_MR
57753	ZM_089_B1_A12	ZM_089_B1_A12_T7C	
57754	ZM_089_B1_B01	ZM_089_B1_B01_T7C	
57755	ZM_089_B1_B01		ZM_089_B1_B01_MR
57756	ZM_089_B1_B02	ZM_089_B1_B02_T7C	
57757	ZM_089_B1_B02		ZM_089_B1_B02_MR
57758	ZM_089_B1_B03	ZM_089_B1_B03_T7C	
57759	ZM_089_B1_B03		ZM_089_B1_B03_MR
57760	ZM_089_B1_B04	ZM_089_B1_B04_T7C	
57761	ZM_089_B1_B04		ZM_089_B1_B04_MR
57762	ZM_089_B1_B05	ZM_089_B1_B05_T7C	
57763	ZM_089_B1_B05		ZM_089_B1_B05_MR
57764	ZM_089_B1_B06		ZM_089_B1_B06_MR
57765	ZM_089_B1_B07	ZM_089_B1_B07_T7C	
57766	ZM_089_B1_B07		ZM_089_B1_B07_MR
57767	ZM_089_B1_B08		ZM_089_B1_B08_MR
57768	ZM_089_B1_B09	ZM_089_B1_B09_T7C	
57769	ZM_089_B1_B10	ZM_089_B1_B10_T7C	
57770	ZM_089_B1_B10		ZM_089_B1_B10_MR
57771	ZM_089_B1_B11	ZM_089_B1_B11_T7C	
57772	ZM_089_B1_B11		ZM_089_B1_B11_MR
57773	ZM_089_B1_B12	ZM_089_B1_B12_T7C	
57774	ZM_089_B1_B12		ZM_089_B1_B12_MR
57775	ZM_089_B1_C01	ZM_089_B1_C01_T7C	
57776	ZM_089_B1_C01		ZM_089_B1_C01_MR
57777	ZM_089_B1_C02		ZM_089_B1_C02_MR
57778	ZM_089_B1_C05	ZM_089_B1_C05_T7C	
57779	ZM_089_B1_C05		ZM_089_B1_C05_MR
57780	ZM_089_B1_C06		ZM_089_B1_C06_MR
57781	ZM_089_B1_C07	ZM_089_B1_C07_T7C	
57782	ZM_089_B1_C07		ZM_089_B1_C07_MR
57783	ZM_089_B1_C08	ZM_089_B1_C08_T7C	
57784	ZM_089_B1_C08		ZM_089_B1_C08_MR
57785	ZM_089_B1_C10	ZM_089_B1_C10_T7C	
57786	ZM_089_B1_C10		ZM_089_B1_C10_MR
57787	ZM_089_B1_C11	ZM_089_B1_C11_T7C	
57788	ZM_089_B1_C11		ZM_089_B1_C11_MR
57789	ZM_089_B1_D01	ZM_089_B1_D01_T7C	
57790	ZM_089_B1_D01		ZM_089_B1_D01_MR
57791	ZM_089_B1_D02	ZM_089_B1_D02_T7C	
57792	ZM_089_B1_D03	ZM_089_B1_D03_T7C	
57793	ZM_089_B1_D04		ZM_089_B1_D04_MR
57794	ZM_089_B1_D05	ZM_089_B1_D05_T7C	
57795	ZM_089_B1_D05		ZM_089_B1_D05_MR
57796	ZM_089_B1_D06	ZM_089_B1_D06_T7C	
57797	ZM_089_B1_D06		ZM_089_B1_D06_MR
57798	ZM_089_B1_D07	ZM_089_B1_D07_T7C	
57799	ZM_089_B1_D07		ZM_089_B1_D07_MR
57800	ZM_089_B1_D08	ZM_089_B1_D08_T7C	
57801	ZM_089_B1_D08		ZM_089_B1_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57802	ZM_089_B1_D09	ZM_089_B1_D09_T7C	
57803	ZM_089_B1_D09		ZM_089_B1_D09_MR
57804	ZM_089_B1_D10	ZM_089_B1_D10_T7C	
57805	ZM_089_B1_D10		ZM_089_B1_D10_MR
57806	ZM_089_B1_D11	ZM_089_B1_D11_T7C	
57807	ZM_089_B1_D11		ZM_089_B1_D11_MR
57808	ZM_089_B1_D12	ZM_089_B1_D12_T7C	
57809	ZM_089_B1_D12		ZM_089_B1_D12_MR
57810	ZM_089_B1_E01	ZM_089_B1_E01_T7C	
57811	ZM_089_B1_E01		ZM_089_B1_E01_MR
57812	ZM_089_B1_E02	ZM_089_B1_E02_T7C	
57813	ZM_089_B1_E02		ZM_089_B1_E02_MR
57814	ZM_089_B1_E03	ZM_089_B1_E03_T7C	
57815	ZM_089_B1_E03		ZM_089_B1_E03_MR
57816	ZM_089_B1_E04	ZM_089_B1_E04_T7C	
57817	ZM_089_B1_E04		ZM_089_B1_E04_MR
57818	ZM_089_B1_E05	ZM_089_B1_E05_T7C	
57819	ZM_089_B1_E05		ZM_089_B1_E05_MR
57820	ZM_089_B1_E06	ZM_089_B1_E06_T7C	
57821	ZM_089_B1_E06		ZM_089_B1_E06_MR
57822	ZM_089_B1_E07	ZM_089_B1_E07_T7C	
57823	ZM_089_B1_E07		ZM_089_B1_E07_MR
57824	ZM_089_B1_E08	ZM_089_B1_E08_T7C	
57825	ZM_089_B1_E08		ZM_089_B1_E08_MR
57826	ZM_089_B1_E09	ZM_089_B1_E09_T7C	
57827	ZM_089_B1_E10	ZM_089_B1_E10_T7C	
57828	ZM_089_B1_E10		ZM_089_B1_E10_MR
57829	ZM_089_B1_E11	ZM_089_B1_E11_T7C	
57830	ZM_089_B1_E12	ZM_089_B1_E12_T7C	
57831	ZM_089_B1_E12		ZM_089_B1_E12_MR
57832	ZM_089_B1_F01	ZM_089_B1_F01_T7C	
57833	ZM_089_B1_F02	ZM_089_B1_F02_T7C	
57834	ZM_089_B1_F02		ZM_089_B1_F02_MR
57835	ZM_089_B1_F03	ZM_089_B1_F03_T7C	
57836	ZM_089_B1_F03		ZM_089_B1_F03_MR
57837	ZM_089_B1_F04	ZM_089_B1_F04_T7C	
57838	ZM_089_B1_F04		ZM_089_B1_F04_MR
57839	ZM_089_B1_F05	ZM_089_B1_F05_T7C	
57840	ZM_089_B1_F05		ZM_089_B1_F05_MR
57841	ZM_089_B1_F06	ZM_089_B1_F06_T7C	
57842	ZM_089_B1_F06		ZM_089_B1_F06_MR
57843	ZM_089_B1_F07	ZM_089_B1_F07_T7C	
57844	ZM_089_B1_F07		ZM_089_B1_F07_MR
57845	ZM_089_B1_F08	ZM_089_B1_F08_T7C	
57846	ZM_089_B1_F08		ZM_089_B1_F08_MR
57847	ZM_089_B1_F09	ZM_089_B1_F09_T7C	
57848	ZM_089_B1_F09		ZM_089_B1_F09_MR
57849	ZM_089_B1_F10	ZM_089_B1_F10_T7C	
57850	ZM_089_B1_F10		ZM_089_B1_F10_MR
57851	ZM_089_B1_F11	ZM_089_B1_F11_T7C	
57852	ZM_089_B1_F11		ZM_089_B1_F11_MR
57853	ZM_089_B1_F12	ZM_089_B1_F12_T7C	
57854	ZM_089_B1_F12		ZM_089_B1_F12_MR
57855	ZM_089_B1_G01	ZM_089_B1_G01_T7C	
57856	ZM_089_B1_G01		ZM_089_B1_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57857	ZM_089_B1_G02	ZM_089_B1_G02_T7C	ZM_089_B1_G02_MR
57858	ZM_089_B1_G02		
57859	ZM_089_B1_G03	ZM_089_B1_G03_T7C	ZM_089_B1_G03_MR
57860	ZM_089_B1_G03		
57861	ZM_089_B1_G04	ZM_089_B1_G04_T7C	ZM_089_B1_G04_MR
57862	ZM_089_B1_G04		
57863	ZM_089_B1_G06	ZM_089_B1_G06_T7C	ZM_089_B1_G06_MR
57864	ZM_089_B1_G06		
57865	ZM_089_B1_G07	ZM_089_B1_G07_T7C	ZM_089_B1_G07_MR
57866	ZM_089_B1_G07		
57867	ZM_089_B1_G08	ZM_089_B1_G08_T7C	
57868	ZM_089_B1_G09	ZM_089_B1_G09_T7C	
57869	ZM_089_B1_G10	ZM_089_B1_G10_T7C	ZM_089_B1_G10_MR
57870	ZM_089_B1_G10		
57871	ZM_089_B1_G11	ZM_089_B1_G11_T7C	ZM_089_B1_G11_MR
57872	ZM_089_B1_G11		
57873	ZM_089_B1_G12	ZM_089_B1_G12_T7C	ZM_089_B1_G12_MR
57874	ZM_089_B1_G12		ZM_089_B1_H01_MR
57875	ZM_089_B1_H01		
57876	ZM_089_B1_H02	ZM_089_B1_H02_T7C	ZM_089_B1_H02_MR
57877	ZM_089_B1_H02		
57878	ZM_089_B1_H04	ZM_089_B1_H04_T7C	ZM_089_B1_H04_MR
57879	ZM_089_B1_H04		
57880	ZM_089_B1_H05	ZM_089_B1_H05_T7C	ZM_089_B1_H05_MR
57881	ZM_089_B1_H05		
57882	ZM_089_B1_H06	ZM_089_B1_H06_T7C	ZM_089_B1_H06_MR
57883	ZM_089_B1_H06		
57884	ZM_089_B1_H07	ZM_089_B1_H07_T7C	ZM_089_B1_H07_MR
57885	ZM_089_B1_H07		
57886	ZM_089_B1_H08	ZM_089_B1_H08_T7C	ZM_089_B1_H08_MR
57887	ZM_089_B1_H08		
57888	ZM_089_B1_H09	ZM_089_B1_H09_T7C	ZM_089_B1_H09_MR
57889	ZM_089_B1_H09		
57890	ZM_089_B1_H10	ZM_089_B1_H10_T7C	ZM_089_B1_H10_MR
57891	ZM_089_B1_H10		
57892	ZM_089_B1_H11	ZM_089_B1_H11_T7C	ZM_089_B1_H11_MR
57893	ZM_089_B1_H11		
57894	ZM_089_B1_H12	ZM_089_B1_H12_T7C	ZM_089_B1_H12_MR
57895	ZM_089_B1_H12		
57896	ZM_089_B2_A01	ZM_089_B2_A01_T7C	
57897	ZM_089_B2_A02	ZM_089_B2_A02_T7C	ZM_089_B2_A02_MR
57898	ZM_089_B2_A02		
57899	ZM_089_B2_A04	ZM_089_B2_A04_T7C	ZM_089_B2_A04_MR
57900	ZM_089_B2_A04		
57901	ZM_089_B2_A05	ZM_089_B2_A05_T7C	ZM_089_B2_A05_MR
57902	ZM_089_B2_A05		
57903	ZM_089_B2_A06	ZM_089_B2_A06_T7C	ZM_089_B2_A06_MR
57904	ZM_089_B2_A06		
57905	ZM_089_B2_A07	ZM_089_B2_A07_T7C	ZM_089_B2_A07_MR
57906	ZM_089_B2_A07		
57907	ZM_089_B2_A09	ZM_089_B2_A09_T7C	
57908	ZM_089_B2_A10	ZM_089_B2_A10_T7C	ZM_089_B2_A10_MR
57909	ZM_089_B2_A10		
57910	ZM_089_B2_A11	ZM_089_B2_A11_T7C	ZM_089_B2_A11_MR
57911	ZM_089_B2_A11		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57912	ZM_089_B2_A12		ZM_089_B2_A12_MR
57913	ZM_089_B2_B01	ZM_089_B2_B01_T7C	
57914	ZM_089_B2_B01		ZM_089_B2_B01_MR
57915	ZM_089_B2_B02	ZM_089_B2_B02_T7C	
57916	ZM_089_B2_B02		ZM_089_B2_B02_MR
57917	ZM_089_B2_B03	ZM_089_B2_B03_T7C	
57918	ZM_089_B2_B03		ZM_089_B2_B03_MR
57919	ZM_089_B2_B04	ZM_089_B2_B04_T7C	
57920	ZM_089_B2_B04		ZM_089_B2_B04_MR
57921	ZM_089_B2_B05	ZM_089_B2_B05_T7C	
57922	ZM_089_B2_B05		ZM_089_B2_B05_MR
57923	ZM_089_B2_B06	ZM_089_B2_B06_T7C	
57924	ZM_089_B2_B06		ZM_089_B2_B06_MR
57925	ZM_089_B2_B07	ZM_089_B2_B07_T7C	
57926	ZM_089_B2_B07		ZM_089_B2_B07_MR
57927	ZM_089_B2_B08	ZM_089_B2_B08_T7C	
57928	ZM_089_B2_B08		ZM_089_B2_B08_MR
57929	ZM_089_B2_B09	ZM_089_B2_B09_T7C	
57930	ZM_089_B2_B09		ZM_089_B2_B09_MR
57931	ZM_089_B2_B10	ZM_089_B2_B10_T7C	
57932	ZM_089_B2_B10		ZM_089_B2_B10_MR
57933	ZM_089_B2_B11	ZM_089_B2_B11_T7C	
57934	ZM_089_B2_B11		ZM_089_B2_B11_MR
57935	ZM_089_B2_B12	ZM_089_B2_B12_T7C	
57936	ZM_089_B2_B12		ZM_089_B2_B12_MR
57937	ZM_089_B2_C01	ZM_089_B2_C01_T7C	
57938	ZM_089_B2_C01		ZM_089_B2_C01_MR
57939	ZM_089_B2_C02	ZM_089_B2_C02_T7C	
57940	ZM_089_B2_C02		ZM_089_B2_C02_MR
57941	ZM_089_B2_C03	ZM_089_B2_C03_T7C	
57942	ZM_089_B2_C03		ZM_089_B2_C03_MR
57943	ZM_089_B2_C04	ZM_089_B2_C04_T7C	
57944	ZM_089_B2_C04		ZM_089_B2_C04_MR
57945	ZM_089_B2_C05	ZM_089_B2_C05_T7C	
57946	ZM_089_B2_C05		ZM_089_B2_C05_MR
57947	ZM_089_B2_C06	ZM_089_B2_C06_T7C	
57948	ZM_089_B2_C06		ZM_089_B2_C06_MR
57949	ZM_089_B2_C07	ZM_089_B2_C07_T7C	
57950	ZM_089_B2_C07		ZM_089_B2_C07_MR
57951	ZM_089_B2_C08	ZM_089_B2_C08_T7C	
57952	ZM_089_B2_C08		ZM_089_B2_C08_MR
57953	ZM_089_B2_C09	ZM_089_B2_C09_T7C	
57954	ZM_089_B2_C09		ZM_089_B2_C09_MR
57955	ZM_089_B2_C10	ZM_089_B2_C10_T7C	
57956	ZM_089_B2_C10		ZM_089_B2_C10_MR
57957	ZM_089_B2_C11	ZM_089_B2_C11_T7C	
57958	ZM_089_B2_C11		ZM_089_B2_C11_MR
57959	ZM_089_B2_C12	ZM_089_B2_C12_T7C	
57960	ZM_089_B2_C12		ZM_089_B2_C12_MR
57961	ZM_089_B2_D01	ZM_089_B2_D01_T7C	
57962	ZM_089_B2_D01		ZM_089_B2_D01_MR
57963	ZM_089_B2_D02	ZM_089_B2_D02_T7C	
57964	ZM_089_B2_D02		ZM_089_B2_D02_MR
57965	ZM_089_B2_D03	ZM_089_B2_D03_T7C	
57966	ZM_089_B2_D03		ZM_089_B2_D03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
57967	ZM_089_B2_D04	ZM_089_B2_D04_T7C	
57968	ZM_089_B2_D04		ZM_089_B2_D04_MR
57969	ZM_089_B2_D05	ZM_089_B2_D05_T7C	
57970	ZM_089_B2_D05		ZM_089_B2_D05_MR
57971	ZM_089_B2_D06	ZM_089_B2_D06_T7C	
57972	ZM_089_B2_D06		ZM_089_B2_D06_MR
57973	ZM_089_B2_D07	ZM_089_B2_D07_T7C	
57974	ZM_089_B2_D07		ZM_089_B2_D07_MR
57975	ZM_089_B2_D08	ZM_089_B2_D08_T7C	
57976	ZM_089_B2_D08		ZM_089_B2_D08_MR
57977	ZM_089_B2_D09	ZM_089_B2_D09_T7C	
57978	ZM_089_B2_D09		ZM_089_B2_D09_MR
57979	ZM_089_B2_D10	ZM_089_B2_D10_T7C	
57980	ZM_089_B2_D10		ZM_089_B2_D10_MR
57981	ZM_089_B2_D11	ZM_089_B2_D11_T7C	
57982	ZM_089_B2_D11		ZM_089_B2_D11_MR
57983	ZM_089_B2_D12	ZM_089_B2_D12_T7C	
57984	ZM_089_B2_D12		ZM_089_B2_D12_MR
57985	ZM_089_B2_E01	ZM_089_B2_E01_T7C	
57986	ZM_089_B2_E01		ZM_089_B2_E01_MR
57987	ZM_089_B2_E03	ZM_089_B2_E03_T7C	
57988	ZM_089_B2_E03		ZM_089_B2_E03_MR
57989	ZM_089_B2_E04	ZM_089_B2_E04_T7C	
57990	ZM_089_B2_E04		ZM_089_B2_E04_MR
57991	ZM_089_B2_E05	ZM_089_B2_E05_T7C	
57992	ZM_089_B2_E05		ZM_089_B2_E05_MR
57993	ZM_089_B2_E06	ZM_089_B2_E06_T7C	
57994	ZM_089_B2_E06		ZM_089_B2_E06_MR
57995	ZM_089_B2_E07	ZM_089_B2_E07_T7C	
57996	ZM_089_B2_E07		ZM_089_B2_E07_MR
57997	ZM_089_B2_E09	ZM_089_B2_E09_T7C	
57998	ZM_089_B2_E09		ZM_089_B2_E09_MR
57999	ZM_089_B2_E10	ZM_089_B2_E10_T7C	
58000	ZM_089_B2_E11	ZM_089_B2_E11_T7C	
58001	ZM_089_B2_E11		ZM_089_B2_E11_MR
58002	ZM_089_B2_E12	ZM_089_B2_E12_T7C	
58003	ZM_089_B2_E12		ZM_089_B2_E12_MR
58004	ZM_089_B2_F01	ZM_089_B2_F01_T7C	
58005	ZM_089_B2_F01		ZM_089_B2_F01_MR
58006	ZM_089_B2_F02	ZM_089_B2_F02_T7C	
58007	ZM_089_B2_F02		ZM_089_B2_F02_MR
58008	ZM_089_B2_F03		ZM_089_B2_F03_MR
58009	ZM_089_B2_F04		ZM_089_B2_F04_MR
58010	ZM_089_B2_F05	ZM_089_B2_F05_T7C	
58011	ZM_089_B2_F05		ZM_089_B2_F05_MR
58012	ZM_089_B2_F06		ZM_089_B2_F06_MR
58013	ZM_089_B2_F07	ZM_089_B2_F07_T7C	
58014	ZM_089_B2_F07		ZM_089_B2_F07_MR
58015	ZM_089_B2_F08		ZM_089_B2_F08_MR
58016	ZM_089_B2_F09	ZM_089_B2_F09_T7C	
58017	ZM_089_B2_F09		ZM_089_B2_F09_MR
58018	ZM_089_B2_F10		ZM_089_B2_F10_MR
58019	ZM_089_B2_F11	ZM_089_B2_F11_T7C	
58020	ZM_089_B2_F11		ZM_089_B2_F11_MR
58021	ZM_089_B2_F12	ZM_089_B2_F12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58022	ZM_089_B2_F12		ZM_089_B2_F12_MR
58023	ZM_089_B2_G01	ZM_089_B2_G01_T7C	
58024	ZM_089_B2_G01		ZM_089_B2_G01_MR
58025	ZM_089_B2_G02	ZM_089_B2_G02_T7C	
58026	ZM_089_B2_G02		ZM_089_B2_G02_MR
58027	ZM_089_B2_G03	ZM_089_B2_G03_T7C	
58028	ZM_089_B2_G04	ZM_089_B2_G04_T7C	
58029	ZM_089_B2_G04		ZM_089_B2_G04_MR
58030	ZM_089_B2_G05	ZM_089_B2_G05_T7C	
58031	ZM_089_B2_G05		ZM_089_B2_G05_MR
58032	ZM_089_B2_G06	ZM_089_B2_G06_T7C	
58033	ZM_089_B2_G08	ZM_089_B2_G08_T7C	
58034	ZM_089_B2_G08		ZM_089_B2_G08_MR
58035	ZM_089_B2_G09	ZM_089_B2_G09_T7C	
58036	ZM_089_B2_G09		ZM_089_B2_G09_MR
58037	ZM_089_B2_G10	ZM_089_B2_G10_T7C	
58038	ZM_089_B2_G10		ZM_089_B2_G10_MR
58039	ZM_089_B2_G11	ZM_089_B2_G11_T7C	
58040	ZM_089_B2_G11		ZM_089_B2_G11_MR
58041	ZM_089_B2_G12	ZM_089_B2_G12_T7C	
58042	ZM_089_B2_G12		ZM_089_B2_G12_MR
58043	ZM_089_B2_H01	ZM_089_B2_H01_T7C	
58044	ZM_089_B2_H01		ZM_089_B2_H01_MR
58045	ZM_089_B2_H02	ZM_089_B2_H02_T7C	
58046	ZM_089_B2_H02		ZM_089_B2_H02_MR
58047	ZM_089_B2_H03	ZM_089_B2_H03_T7C	
58048	ZM_089_B2_H03		ZM_089_B2_H03_MR
58049	ZM_089_B2_H04	ZM_089_B2_H04_T7C	
58050	ZM_089_B2_H04		ZM_089_B2_H04_MR
58051	ZM_089_B2_H05	ZM_089_B2_H05_T7C	
58052	ZM_089_B2_H05		ZM_089_B2_H05_MR
58053	ZM_089_B2_H06	ZM_089_B2_H06_T7C	
58054	ZM_089_B2_H06		ZM_089_B2_H06_MR
58055	ZM_089_B2_H07	ZM_089_B2_H07_T7C	
58056	ZM_089_B2_H07		ZM_089_B2_H07_MR
58057	ZM_089_B2_H08	ZM_089_B2_H08_T7C	
58058	ZM_089_B2_H08		ZM_089_B2_H08_MR
58059	ZM_089_B2_H09	ZM_089_B2_H09_T7C	
58060	ZM_089_B2_H09		ZM_089_B2_H09_MR
58061	ZM_089_B2_H10		ZM_089_B2_H10_MR
58062	ZM_089_B2_H11	ZM_089_B2_H11_T7C	
58063	ZM_089_B2_H11		ZM_089_B2_H11_MR
58064	ZM_089_B2_H12	ZM_089_B2_H12_T7C	
58065	ZM_089_B2_H12		ZM_089_B2_H12_MR
58066	ZM_090_A2_A01	ZM_090_A2_A01_T7C	
58067	ZM_090_A2_A01		ZM_090_A2_A01_MR
58068	ZM_090_A2_A03		ZM_090_A2_A03_MR
58069	ZM_090_A2_A04		ZM_090_A2_A04_MR
58070	ZM_090_A2_A05	ZM_090_A2_A05_T7C	
58071	ZM_090_A2_A05		ZM_090_A2_A05_MR
58072	ZM_090_A2_A07	ZM_090_A2_A07_T7C	
58073	ZM_090_A2_A08		ZM_090_A2_A08_MR
58074	ZM_090_A2_A10	ZM_090_A2_A10_T7C	
58075	ZM_090_A2_A10		ZM_090_A2_A10_MR
58076	ZM_090_A2_A12	ZM_090_A2_A12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58077	ZM_090_A2_A12		ZM_090_A2_A12_MR
58078	ZM_090_A2_B01		ZM_090_A2_B01_MR
58079	ZM_090_A2_B02	ZM_090_A2_B02_T7C	
58080	ZM_090_A2_B02		ZM_090_A2_B02_MR
58081	ZM_090_A2_B03		ZM_090_A2_B03_MR
58082	ZM_090_A2_B04		ZM_090_A2_B04_MR
58083	ZM_090_A2_B06		ZM_090_A2_B06_MR
58084	ZM_090_A2_B07	ZM_090_A2_B07_T7C	
58085	ZM_090_A2_B07		ZM_090_A2_B07_MR
58086	ZM_090_A2_B08		ZM_090_A2_B08_MR
58087	ZM_090_A2_B09	ZM_090_A2_B09_T7C	
58088	ZM_090_A2_B09		ZM_090_A2_B09_MR
58089	ZM_090_A2_B10	ZM_090_A2_B10_T7C	
58090	ZM_090_A2_B10		ZM_090_A2_B10_MR
58091	ZM_090_A2_B11	ZM_090_A2_B11_T7C	
58092	ZM_090_A2_B11		ZM_090_A2_B11_MR
58093	ZM_090_A2_B12	ZM_090_A2_B12_T7C	
58094	ZM_090_A2_B12		ZM_090_A2_B12_MR
58095	ZM_090_A2_C01	ZM_090_A2_C01_T7C	
58096	ZM_090_A2_C01		ZM_090_A2_C01_MR
58097	ZM_090_A2_C02	ZM_090_A2_C02_T7C	
58098	ZM_090_A2_C02		ZM_090_A2_C02_MR
58099	ZM_090_A2_C04		ZM_090_A2_C04_MR
58100	ZM_090_A2_C05	ZM_090_A2_C05_T7C	
58101	ZM_090_A2_C05		ZM_090_A2_C05_MR
58102	ZM_090_A2_C07	ZM_090_A2_C07_T7C	
58103	ZM_090_A2_C08		ZM_090_A2_C08_MR
58104	ZM_090_A2_C09		ZM_090_A2_C09_MR
58105	ZM_090_A2_C10		ZM_090_A2_C10_MR
58106	ZM_090_A2_C11	ZM_090_A2_C11_T7C	
58107	ZM_090_A2_C11		ZM_090_A2_C11_MR
58108	ZM_090_A2_C12		ZM_090_A2_C12_MR
58109	ZM_090_A2_D01	ZM_090_A2_D01_T7C	
58110	ZM_090_A2_D01		ZM_090_A2_D01_MR
58111	ZM_090_A2_D02	ZM_090_A2_D02_T7C	
58112	ZM_090_A2_D02		ZM_090_A2_D02_MR
58113	ZM_090_A2_D03	ZM_090_A2_D03_T7C	
58114	ZM_090_A2_D05	ZM_090_A2_D05_T7C	
58115	ZM_090_A2_D06		ZM_090_A2_D06_MR
58116	ZM_090_A2_D07	ZM_090_A2_D07_T7C	
58117	ZM_090_A2_D07		ZM_090_A2_D07_MR
58118	ZM_090_A2_D09		ZM_090_A2_D09_MR
58119	ZM_090_A2_D10	ZM_090_A2_D10_T7C	
58120	ZM_090_A2_D11	ZM_090_A2_D11_T7C	
58121	ZM_090_A2_D11		ZM_090_A2_D11_MR
58122	ZM_090_A2_D12	ZM_090_A2_D12_T7C	
58123	ZM_090_A2_D12		ZM_090_A2_D12_MR
58124	ZM_090_A2_E01	ZM_090_A2_E01_T7C	
58125	ZM_090_A2_E01		ZM_090_A2_E01_MR
58126	ZM_090_A2_E02	ZM_090_A2_E02_T7C	
58127	ZM_090_A2_E02		ZM_090_A2_E02_MR
58128	ZM_090_A2_E03	ZM_090_A2_E03_T7C	
58129	ZM_090_A2_E04		ZM_090_A2_E04_MR
58130	ZM_090_A2_E07	ZM_090_A2_E07_T7C	
58131	ZM_090_A2_E07		ZM_090_A2_E07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58132	ZM_090_A2_E08		ZM_090_A2_E08_MR
58133	ZM_090_A2_E09		ZM_090_A2_E09_MR
58134	ZM_090_A2_E10	ZM_090_A2_E10_T7C	
58135	ZM_090_A2_E11	ZM_090_A2_E11_T7C	
58136	ZM_090_A2_E11		ZM_090_A2_E11_MR
58137	ZM_090_A2_E12	ZM_090_A2_E12_T7C	
58138	ZM_090_A2_E12		ZM_090_A2_E12_MR
58139	ZM_090_A2_F01		ZM_090_A2_F01_MR
58140	ZM_090_A2_F02	ZM_090_A2_F02_T7C	
58141	ZM_090_A2_F03	ZM_090_A2_F03_T7C	
58142	ZM_090_A2_F04		ZM_090_A2_F04_MR
58143	ZM_090_A2_F07	ZM_090_A2_F07_T7C	
58144	ZM_090_A2_F08	ZM_090_A2_F08_T7C	
58145	ZM_090_A2_F08		ZM_090_A2_F08_MR
58146	ZM_090_A2_F10	ZM_090_A2_F10_T7C	
58147	ZM_090_A2_F10		ZM_090_A2_F10_MR
58148	ZM_090_A2_F11	ZM_090_A2_F11_T7C	
58149	ZM_090_A2_F11		ZM_090_A2_F11_MR
58150	ZM_090_A2_F12	ZM_090_A2_F12_T7C	
58151	ZM_090_A2_G01	ZM_090_A2_G01_T7C	
58152	ZM_090_A2_G02		ZM_090_A2_G02_MR
58153	ZM_090_A2_G03	ZM_090_A2_G03_T7C	
58154	ZM_090_A2_G06	ZM_090_A2_G06_T7C	
58155	ZM_090_A2_G06		ZM_090_A2_G06_MR
58156	ZM_090_A2_G07		ZM_090_A2_G07_MR
58157	ZM_090_A2_G08		ZM_090_A2_G08_MR
58158	ZM_090_A2_G09		ZM_090_A2_G09_MR
58159	ZM_090_A2_G11	ZM_090_A2_G11_T7C	
58160	ZM_090_A2_G11		ZM_090_A2_G11_MR
58161	ZM_090_A2_G12	ZM_090_A2_G12_T7C	
58162	ZM_090_A2_G12		ZM_090_A2_G12_MR
58163	ZM_090_A2_H01	ZM_090_A2_H01_T7C	
58164	ZM_090_A2_H01		ZM_090_A2_H01_MR
58165	ZM_090_A2_H02	ZM_090_A2_H02_T7C	
58166	ZM_090_A2_H02		ZM_090_A2_H02_MR
58167	ZM_090_A2_H04	ZM_090_A2_H04_T7C	
58168	ZM_090_A2_H04		ZM_090_A2_H04_MR
58169	ZM_090_A2_H05	ZM_090_A2_H05_T7C	
58170	ZM_090_A2_H05		ZM_090_A2_H05_MR
58171	ZM_090_A2_H06		ZM_090_A2_H06_MR
58172	ZM_090_A2_H07		ZM_090_A2_H07_MR
58173	ZM_090_A2_H08	ZM_090_A2_H08_T7C	
58174	ZM_090_A2_H08		ZM_090_A2_H08_MR
58175	ZM_090_A2_H09	ZM_090_A2_H09_T7C	
58176	ZM_090_A2_H09		ZM_090_A2_H09_MR
58177	ZM_090_A2_H10	ZM_090_A2_H10_T7C	
58178	ZM_090_A2_H10		ZM_090_A2_H10_MR
58179	ZM_090_A2_H12	ZM_090_A2_H12_T7C	
58180	ZM_090_A2_H12		ZM_090_A2_H12_MR
58181	ZM_090_B2_A01	ZM_090_B2_A01_T7C	
58182	ZM_090_B2_A02	ZM_090_B2_A02_T7C	
58183	ZM_090_B2_A02		ZM_090_B2_A02_MR
58184	ZM_090_B2_A03	ZM_090_B2_A03_T7C	
58185	ZM_090_B2_A03		ZM_090_B2_A03_MR
58186	ZM_090_B2_A04	ZM_090_B2_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58187	ZM_090_B2_A04		ZM_090_B2_A04_MR
58188	ZM_090_B2_A05	ZM_090_B2_A05_T7C	
58189	ZM_090_B2_A05		ZM_090_B2_A05_MR
58190	ZM_090_B2_A06		ZM_090_B2_A06_MR
58191	ZM_090_B2_A07	ZM_090_B2_A07_T7C	
58192	ZM_090_B2_A07		ZM_090_B2_A07_MR
58193	ZM_090_B2_A09	ZM_090_B2_A09_T7C	
58194	ZM_090_B2_A09		ZM_090_B2_A09_MR
58195	ZM_090_B2_A10	ZM_090_B2_A10_T7C	
58196	ZM_090_B2_A10		ZM_090_B2_A10_MR
58197	ZM_090_B2_A11	ZM_090_B2_A11_T7C	
58198	ZM_090_B2_A11		ZM_090_B2_A11_MR
58199	ZM_090_B2_A12	ZM_090_B2_A12_T7C	
58200	ZM_090_B2_A12		ZM_090_B2_A12_MR
58201	ZM_090_B2_B01	ZM_090_B2_B01_T7C	
58202	ZM_090_B2_B01		ZM_090_B2_B01_MR
58203	ZM_090_B2_B02		ZM_090_B2_B02_MR
58204	ZM_090_B2_B03	ZM_090_B2_B03_T7C	
58205	ZM_090_B2_B03		ZM_090_B2_B03_MR
58206	ZM_090_B2_B04	ZM_090_B2_B04_T7C	
58207	ZM_090_B2_B04		ZM_090_B2_B04_MR
58208	ZM_090_B2_B05	ZM_090_B2_B05_T7C	
58209	ZM_090_B2_B05		ZM_090_B2_B05_MR
58210	ZM_090_B2_B06	ZM_090_B2_B06_T7C	
58211	ZM_090_B2_B06		ZM_090_B2_B06_MR
58212	ZM_090_B2_B07	ZM_090_B2_B07_T7C	
58213	ZM_090_B2_B07		ZM_090_B2_B07_MR
58214	ZM_090_B2_B08	ZM_090_B2_B08_T7C	
58215	ZM_090_B2_B09	ZM_090_B2_B09_T7C	
58216	ZM_090_B2_B10	ZM_090_B2_B10_T7C	
58217	ZM_090_B2_B10		ZM_090_B2_B10_MR
58218	ZM_090_B2_B11	ZM_090_B2_B11_T7C	
58219	ZM_090_B2_B11		ZM_090_B2_B11_MR
58220	ZM_090_B2_B12	ZM_090_B2_B12_T7C	
58221	ZM_090_B2_B12		ZM_090_B2_B12_MR
58222	ZM_090_B2_C01	ZM_090_B2_C01_T7C	
58223	ZM_090_B2_C01		ZM_090_B2_C01_MR
58224	ZM_090_B2_C02	ZM_090_B2_C02_T7C	
58225	ZM_090_B2_C02		ZM_090_B2_C02_MR
58226	ZM_090_B2_C03	ZM_090_B2_C03_T7C	
58227	ZM_090_B2_C04	ZM_090_B2_C04_T7C	
58228	ZM_090_B2_C04		ZM_090_B2_C04_MR
58229	ZM_090_B2_C05	ZM_090_B2_C05_T7C	
58230	ZM_090_B2_C05		ZM_090_B2_C05_MR
58231	ZM_090_B2_C06	ZM_090_B2_C06_T7C	
58232	ZM_090_B2_C06		ZM_090_B2_C06_MR
58233	ZM_090_B2_C07	ZM_090_B2_C07_T7C	
58234	ZM_090_B2_C07		ZM_090_B2_C07_MR
58235	ZM_090_B2_C08	ZM_090_B2_C08_T7C	
58236	ZM_090_B2_C08		ZM_090_B2_C08_MR
58237	ZM_090_B2_C09	ZM_090_B2_C09_T7C	
58238	ZM_090_B2_C09		ZM_090_B2_C09_MR
58239	ZM_090_B2_C10	ZM_090_B2_C10_T7C	
58240	ZM_090_B2_C10		ZM_090_B2_C10_MR
58241	ZM_090_B2_C11	ZM_090_B2_C11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58242	ZM_090_B2_C11		ZM_090_B2_C11_MR
58243	ZM_090_B2_C12	ZM_090_B2_C12_T7C	
58244	ZM_090_B2_C12		ZM_090_B2_C12_MR
58245	ZM_090_B2_D01	ZM_090_B2_D01_T7C	
58246	ZM_090_B2_D01		ZM_090_B2_D01_MR
58247	ZM_090_B2_D02	ZM_090_B2_D02_T7C	
58248	ZM_090_B2_D02		ZM_090_B2_D02_MR
58249	ZM_090_B2_D03	ZM_090_B2_D03_T7C	
58250	ZM_090_B2_D04	ZM_090_B2_D04_T7C	
58251	ZM_090_B2_D04		ZM_090_B2_D04_MR
58252	ZM_090_B2_D05	ZM_090_B2_D05_T7C	
58253	ZM_090_B2_D05		ZM_090_B2_D05_MR
58254	ZM_090_B2_D06	ZM_090_B2_D06_T7C	
58255	ZM_090_B2_D06		ZM_090_B2_D06_MR
58256	ZM_090_B2_D07	ZM_090_B2_D07_T7C	
58257	ZM_090_B2_D07		ZM_090_B2_D07_MR
58258	ZM_090_B2_D08	ZM_090_B2_D08_T7C	
58259	ZM_090_B2_D08		ZM_090_B2_D08_MR
58260	ZM_090_B2_D09	ZM_090_B2_D09_T7C	
58261	ZM_090_B2_D09		ZM_090_B2_D09_MR
58262	ZM_090_B2_D10	ZM_090_B2_D10_T7C	
58263	ZM_090_B2_D10		ZM_090_B2_D10_MR
58264	ZM_090_B2_D12	ZM_090_B2_D12_T7C	
58265	ZM_090_B2_D12		ZM_090_B2_D12_MR
58266	ZM_090_B2_E01	ZM_090_B2_E01_T7C	
58267	ZM_090_B2_E01		ZM_090_B2_E01_MR
58268	ZM_090_B2_E02	ZM_090_B2_E02_T7C	
58269	ZM_090_B2_E02		ZM_090_B2_E02_MR
58270	ZM_090_B2_E03	ZM_090_B2_E03_T7C	
58271	ZM_090_B2_E03		ZM_090_B2_E03_MR
58272	ZM_090_B2_E04	ZM_090_B2_E04_T7C	
58273	ZM_090_B2_E04		ZM_090_B2_E04_MR
58274	ZM_090_B2_E05	ZM_090_B2_E05_T7C	
58275	ZM_090_B2_E06	ZM_090_B2_E06_T7C	
58276	ZM_090_B2_E07	ZM_090_B2_E07_T7C	
58277	ZM_090_B2_E07		ZM_090_B2_E07_MR
58278	ZM_090_B2_E08	ZM_090_B2_E08_T7C	
58279	ZM_090_B2_E10	ZM_090_B2_E10_T7C	
58280	ZM_090_B2_E10		ZM_090_B2_E10_MR
58281	ZM_090_B2_E12	ZM_090_B2_E12_T7C	
58282	ZM_090_B2_E12		ZM_090_B2_E12_MR
58283	ZM_090_B2_F01	ZM_090_B2_F01_T7C	
58284	ZM_090_B2_F01		ZM_090_B2_F01_MR
58285	ZM_090_B2_F02	ZM_090_B2_F02_T7C	
58286	ZM_090_B2_F02		ZM_090_B2_F02_MR
58287	ZM_090_B2_F03		ZM_090_B2_F03_MR
58288	ZM_090_B2_F04	ZM_090_B2_F04_T7C	
58289	ZM_090_B2_F04		ZM_090_B2_F04_MR
58290	ZM_090_B2_F05	ZM_090_B2_F05_T7C	
58291	ZM_090_B2_F05		ZM_090_B2_F05_MR
58292	ZM_090_B2_F06	ZM_090_B2_F06_T7C	
58293	ZM_090_B2_F07		ZM_090_B2_F07_MR
58294	ZM_090_B2_F08	ZM_090_B2_F08_T7C	
58295	ZM_090_B2_F08		ZM_090_B2_F08_MR
58296	ZM_090_B2_F09	ZM_090_B2_F09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58297	ZM_090_B2_F09		ZM_090_B2_F09_MR
58298	ZM_090_B2_F10	ZM_090_B2_F10_T7C	
58299	ZM_090_B2_F10		ZM_090_B2_F10_MR
58300	ZM_090_B2_F11	ZM_090_B2_F11_T7C	
58301	ZM_090_B2_F11		ZM_090_B2_F11_MR
58302	ZM_090_B2_F12	ZM_090_B2_F12_T7C	
58303	ZM_090_B2_F12		ZM_090_B2_F12_MR
58304	ZM_090_B2_G01	ZM_090_B2_G01_T7C	
58305	ZM_090_B2_G01		ZM_090_B2_G01_MR
58306	ZM_090_B2_G02	ZM_090_B2_G02_T7C	
58307	ZM_090_B2_G02		ZM_090_B2_G02_MR
58308	ZM_090_B2_G03	ZM_090_B2_G03_T7C	
58309	ZM_090_B2_G03		ZM_090_B2_G03_MR
58310	ZM_090_B2_G04	ZM_090_B2_G04_T7C	
58311	ZM_090_B2_G04		ZM_090_B2_G04_MR
58312	ZM_090_B2_G05	ZM_090_B2_G05_T7C	
58313	ZM_090_B2_G05		ZM_090_B2_G05_MR
58314	ZM_090_B2_G06	ZM_090_B2_G06_T7C	
58315	ZM_090_B2_G06		ZM_090_B2_G06_MR
58316	ZM_090_B2_G07	ZM_090_B2_G07_T7C	
58317	ZM_090_B2_G07		ZM_090_B2_G07_MR
58318	ZM_090_B2_G08	ZM_090_B2_G08_T7C	
58319	ZM_090_B2_G08		ZM_090_B2_G08_MR
58320	ZM_090_B2_G09	ZM_090_B2_G09_T7C	
58321	ZM_090_B2_G09		ZM_090_B2_G09_MR
58322	ZM_090_B2_G10	ZM_090_B2_G10_T7C	
58323	ZM_090_B2_G11	ZM_090_B2_G11_T7C	
58324	ZM_090_B2_G11		ZM_090_B2_G11_MR
58325	ZM_090_B2_G12	ZM_090_B2_G12_T7C	
58326	ZM_090_B2_G12		ZM_090_B2_G12_MR
58327	ZM_090_B2_H01	ZM_090_B2_H01_T7C	
58328	ZM_090_B2_H01		ZM_090_B2_H01_MR
58329	ZM_090_B2_H02		ZM_090_B2_H02_MR
58330	ZM_090_B2_H04	ZM_090_B2_H04_T7C	
58331	ZM_090_B2_H04		ZM_090_B2_H04_MR
58332	ZM_090_B2_H05	ZM_090_B2_H05_T7C	
58333	ZM_090_B2_H05		ZM_090_B2_H05_MR
58334	ZM_090_B2_H06	ZM_090_B2_H06_T7C	
58335	ZM_090_B2_H06		ZM_090_B2_H06_MR
58336	ZM_090_B2_H07	ZM_090_B2_H07_T7C	
58337	ZM_090_B2_H07		ZM_090_B2_H07_MR
58338	ZM_090_B2_H08	ZM_090_B2_H08_T7C	
58339	ZM_090_B2_H08		ZM_090_B2_H08_MR
58340	ZM_090_B2_H09	ZM_090_B2_H09_T7C	
58341	ZM_090_B2_H09		ZM_090_B2_H09_MR
58342	ZM_090_B2_H10	ZM_090_B2_H10_T7C	
58343	ZM_090_B2_H10		ZM_090_B2_H10_MR
58344	ZM_090_B2_H11	ZM_090_B2_H11_T7C	
58345	ZM_090_B2_H11		ZM_090_B2_H11_MR
58346	ZM_090_B2_H12	ZM_090_B2_H12_T7C	
58347	ZM_090_B2_H12		ZM_090_B2_H12_MR
58348	ZM_091_A1_A01	ZM_091_A1_A01_T7C	
58349	ZM_091_A1_A01		ZM_091_A1_A01_MR
58350	ZM_091_A1_A02	ZM_091_A1_A02_T7C	
58351	ZM_091_A1_A02		ZM_091_A1_A02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58352	ZM_091_A1_A03	ZM_091_A1_A03_T7C	
58353	ZM_091_A1_A03		ZM_091_A1_A03_MR
58354	ZM_091_A1_A04	ZM_091_A1_A04_T7C	
58355	ZM_091_A1_A04		ZM_091_A1_A04_MR
58356	ZM_091_A1_A05	ZM_091_A1_A05_T7C	
58357	ZM_091_A1_A05		ZM_091_A1_A05_MR
58358	ZM_091_A1_A06	ZM_091_A1_A06_T7C	
58359	ZM_091_A1_A06		ZM_091_A1_A06_MR
58360	ZM_091_A1_A07	ZM_091_A1_A07_T7C	
58361	ZM_091_A1_A07		ZM_091_A1_A07_MR
58362	ZM_091_A1_A08	ZM_091_A1_A08_T7C	
58363	ZM_091_A1_A08		ZM_091_A1_A08_MR
58364	ZM_091_A1_A09	ZM_091_A1_A09_T7C	
58365	ZM_091_A1_A09		ZM_091_A1_A09_MR
58366	ZM_091_A1_A10	ZM_091_A1_A10_T7C	
58367	ZM_091_A1_A10		ZM_091_A1_A10_MR
58368	ZM_091_A1_A11	ZM_091_A1_A11_T7C	
58369	ZM_091_A1_A11		ZM_091_A1_A11_MR
58370	ZM_091_A1_A12	ZM_091_A1_A12_T7C	
58371	ZM_091_A1_A12		ZM_091_A1_A12_MR
58372	ZM_091_A1_B01	ZM_091_A1_B01_T7C	
58373	ZM_091_A1_B01		ZM_091_A1_B01_MR
58374	ZM_091_A1_B02	ZM_091_A1_B02_T7C	
58375	ZM_091_A1_B02		ZM_091_A1_B02_MR
58376	ZM_091_A1_B03	ZM_091_A1_B03_T7C	
58377	ZM_091_A1_B04	ZM_091_A1_B04_T7C	
58378	ZM_091_A1_B04		ZM_091_A1_B04_MR
58379	ZM_091_A1_B05	ZM_091_A1_B05_T7C	
58380	ZM_091_A1_B05		ZM_091_A1_B05_MR
58381	ZM_091_A1_B06	ZM_091_A1_B06_T7C	
58382	ZM_091_A1_B07	ZM_091_A1_B07_T7C	
58383	ZM_091_A1_B07		ZM_091_A1_B07_MR
58384	ZM_091_A1_B08	ZM_091_A1_B08_T7C	
58385	ZM_091_A1_B08		ZM_091_A1_B08_MR
58386	ZM_091_A1_B09	ZM_091_A1_B09_T7C	
58387	ZM_091_A1_B09		ZM_091_A1_B09_MR
58388	ZM_091_A1_B10	ZM_091_A1_B10_T7C	
58389	ZM_091_A1_B10		ZM_091_A1_B10_MR
58390	ZM_091_A1_B11	ZM_091_A1_B11_T7C	
58391	ZM_091_A1_B11		ZM_091_A1_B11_MR
58392	ZM_091_A1_B12	ZM_091_A1_B12_T7C	
58393	ZM_091_A1_B12		ZM_091_A1_B12_MR
58394	ZM_091_A1_C01	ZM_091_A1_C01_T7C	
58395	ZM_091_A1_C01		ZM_091_A1_C01_MR
58396	ZM_091_A1_C02	ZM_091_A1_C02_T7C	
58397	ZM_091_A1_C02		ZM_091_A1_C02_MR
58398	ZM_091_A1_C03	ZM_091_A1_C03_T7C	
58399	ZM_091_A1_C03		ZM_091_A1_C03_MR
58400	ZM_091_A1_C04	ZM_091_A1_C04_T7C	
58401	ZM_091_A1_C04		ZM_091_A1_C04_MR
58402	ZM_091_A1_C05	ZM_091_A1_C05_T7C	
58403	ZM_091_A1_C06	ZM_091_A1_C06_T7C	
58404	ZM_091_A1_C06		ZM_091_A1_C06_MR
58405	ZM_091_A1_C07	ZM_091_A1_C07_T7C	
58406	ZM_091_A1_C07		ZM_091_A1_C07_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58407	ZM_091_A1_C08	ZM_091_A1_C08_T7C	
58408	ZM_091_A1_C08		ZM_091_A1_C08_MR
58409	ZM_091_A1_C10	ZM_091_A1_C10_T7C	
58410	ZM_091_A1_C10		ZM_091_A1_C10_MR
58411	ZM_091_A1_C11	ZM_091_A1_C11_T7C	
58412	ZM_091_A1_C11		ZM_091_A1_C11_MR
58413	ZM_091_A1_C12	ZM_091_A1_C12_T7C	
58414	ZM_091_A1_C12		ZM_091_A1_C12_MR
58415	ZM_091_A1_D01	ZM_091_A1_D01_T7C	
58416	ZM_091_A1_D01		ZM_091_A1_D01_MR
58417	ZM_091_A1_D02	ZM_091_A1_D02_T7C	
58418	ZM_091_A1_D02		ZM_091_A1_D02_MR
58419	ZM_091_A1_D03	ZM_091_A1_D03_T7C	
58420	ZM_091_A1_D03		ZM_091_A1_D03_MR
58421	ZM_091_A1_D04	ZM_091_A1_D04_T7C	
58422	ZM_091_A1_D04		ZM_091_A1_D04_MR
58423	ZM_091_A1_D05	ZM_091_A1_D05_T7C	
58424	ZM_091_A1_D05		ZM_091_A1_D05_MR
58425	ZM_091_A1_D06	ZM_091_A1_D06_T7C	
58426	ZM_091_A1_D06		ZM_091_A1_D06_MR
58427	ZM_091_A1_D07	ZM_091_A1_D07_T7C	
58428	ZM_091_A1_D07		ZM_091_A1_D07_MR
58429	ZM_091_A1_D08	ZM_091_A1_D08_T7C	
58430	ZM_091_A1_D08		ZM_091_A1_D08_MR
58431	ZM_091_A1_D09	ZM_091_A1_D09_T7C	
58432	ZM_091_A1_D09		ZM_091_A1_D09_MR
58433	ZM_091_A1_D10	ZM_091_A1_D10_T7C	
58434	ZM_091_A1_D10		ZM_091_A1_D10_MR
58435	ZM_091_A1_D11	ZM_091_A1_D11_T7C	
58436	ZM_091_A1_D11		ZM_091_A1_D11_MR
58437	ZM_091_A1_D12	ZM_091_A1_D12_T7C	
58438	ZM_091_A1_D12		ZM_091_A1_D12_MR
58439	ZM_091_A1_E01		ZM_091_A1_E01_MR
58440	ZM_091_A1_E02		ZM_091_A1_E02_MR
58441	ZM_091_A1_E03	ZM_091_A1_E03_T7C	
58442	ZM_091_A1_E03		ZM_091_A1_E03_MR
58443	ZM_091_A1_E05	ZM_091_A1_E05_T7C	
58444	ZM_091_A1_E05		ZM_091_A1_E05_MR
58445	ZM_091_A1_E06		ZM_091_A1_E06_MR
58446	ZM_091_A1_E07	ZM_091_A1_E07_T7C	
58447	ZM_091_A1_E07		ZM_091_A1_E07_MR
58448	ZM_091_A1_E08	ZM_091_A1_E08_T7C	
58449	ZM_091_A1_E08		ZM_091_A1_E08_MR
58450	ZM_091_A1_E09	ZM_091_A1_E09_T7C	
58451	ZM_091_A1_E09		ZM_091_A1_E09_MR
58452	ZM_091_A1_E10	ZM_091_A1_E10_T7C	
58453	ZM_091_A1_E10		ZM_091_A1_E10_MR
58454	ZM_091_A1_E11	ZM_091_A1_E11_T7C	
58455	ZM_091_A1_E11		ZM_091_A1_E11_MR
58456	ZM_091_A1_E12	ZM_091_A1_E12_T7C	
58457	ZM_091_A1_E12		ZM_091_A1_E12_MR
58458	ZM_091_A1_F01	ZM_091_A1_F01_T7C	
58459	ZM_091_A1_F01		ZM_091_A1_F01_MR
58460	ZM_091_A1_F02		ZM_091_A1_F02_MR
58461	ZM_091_A1_F03		ZM_091_A1_F03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58462	ZM_091_A1_F04	ZM_091_A1_F04_T7C	
58463	ZM_091_A1_F04		ZM_091_A1_F04_MR
58464	ZM_091_A1_F05	ZM_091_A1_F05_T7C	
58465	ZM_091_A1_F05		ZM_091_A1_F05_MR
58466	ZM_091_A1_F06	ZM_091_A1_F06_T7C	
58467	ZM_091_A1_F06		ZM_091_A1_F06_MR
58468	ZM_091_A1_F07	ZM_091_A1_F07_T7C	
58469	ZM_091_A1_F07		ZM_091_A1_F07_MR
58470	ZM_091_A1_F08	ZM_091_A1_F08_T7C	
58471	ZM_091_A1_F08		ZM_091_A1_F08_MR
58472	ZM_091_A1_F09	ZM_091_A1_F09_T7C	
58473	ZM_091_A1_F09		ZM_091_A1_F09_MR
58474	ZM_091_A1_F10	ZM_091_A1_F10_T7C	
58475	ZM_091_A1_F10		ZM_091_A1_F10_MR
58476	ZM_091_A1_F11	ZM_091_A1_F11_T7C	
58477	ZM_091_A1_F11		ZM_091_A1_F11_MR
58478	ZM_091_A1_F12	ZM_091_A1_F12_T7C	
58479	ZM_091_A1_F12		ZM_091_A1_F12_MR
58480	ZM_091_A1_G01	ZM_091_A1_G01_T7C	
58481	ZM_091_A1_G01		ZM_091_A1_G01_MR
58482	ZM_091_A1_G02	ZM_091_A1_G02_T7C	
58483	ZM_091_A1_G02		ZM_091_A1_G02_MR
58484	ZM_091_A1_G03	ZM_091_A1_G03_T7C	
58485	ZM_091_A1_G03		ZM_091_A1_G03_MR
58486	ZM_091_A1_G04	ZM_091_A1_G04_T7C	
58487	ZM_091_A1_G04		ZM_091_A1_G04_MR
58488	ZM_091_A1_G05	ZM_091_A1_G05_T7C	
58489	ZM_091_A1_G05		ZM_091_A1_G05_MR
58490	ZM_091_A1_G06		ZM_091_A1_G06_MR
58491	ZM_091_A1_G07	ZM_091_A1_G07_T7C	
58492	ZM_091_A1_G07		ZM_091_A1_G07_MR
58493	ZM_091_A1_G08		ZM_091_A1_G08_MR
58494	ZM_091_A1_G09	ZM_091_A1_G09_T7C	
58495	ZM_091_A1_G09		ZM_091_A1_G09_MR
58496	ZM_091_A1_G10		ZM_091_A1_G10_MR
58497	ZM_091_A1_G11	ZM_091_A1_G11_T7C	
58498	ZM_091_A1_G11		ZM_091_A1_G11_MR
58499	ZM_091_A1_G12	ZM_091_A1_G12_T7C	
58500	ZM_091_A1_G12		ZM_091_A1_G12_MR
58501	ZM_091_A1_H01	ZM_091_A1_H01_T7C	
58502	ZM_091_A1_H01		ZM_091_A1_H01_MR
58503	ZM_091_A1_H02	ZM_091_A1_H02_T7C	
58504	ZM_091_A1_H02		ZM_091_A1_H02_MR
58505	ZM_091_A1_H03	ZM_091_A1_H03_T7C	
58506	ZM_091_A1_H03		ZM_091_A1_H03_MR
58507	ZM_091_A1_H04	ZM_091_A1_H04_T7C	
58508	ZM_091_A1_H04		ZM_091_A1_H04_MR
58509	ZM_091_A1_H05	ZM_091_A1_H05_T7C	
58510	ZM_091_A1_H05		ZM_091_A1_H05_MR
58511	ZM_091_A1_H06		ZM_091_A1_H06_MR
58512	ZM_091_A1_H07	ZM_091_A1_H07_T7C	
58513	ZM_091_A1_H07		ZM_091_A1_H07_MR
58514	ZM_091_A1_H08	ZM_091_A1_H08_T7C	
58515	ZM_091_A1_H08		ZM_091_A1_H08_MR
58516	ZM_091_A1_H09	ZM_091_A1_H09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58517	ZM_091_A1_H09		ZM_091_A1_H09_MR
58518	ZM_091_A1_H10	ZM_091_A1_H10_T7C	
58519	ZM_091_A1_H10		ZM_091_A1_H10_MR
58520	ZM_091_A1_H12	ZM_091_A1_H12_T7C	
58521	ZM_091_A1_H12		ZM_091_A1_H12_MR
58522	ZM_091_A2_A02		ZM_091_A2_A02_MR
58523	ZM_091_A2_A03		ZM_091_A2_A03_MR
58524	ZM_091_A2_A04		ZM_091_A2_A04_MR
58525	ZM_091_A2_A05		ZM_091_A2_A05_MR
58526	ZM_091_A2_A06		ZM_091_A2_A06_MR
58527	ZM_091_A2_A08		ZM_091_A2_A08_MR
58528	ZM_091_A2_A10		ZM_091_A2_A10_MR
58529	ZM_091_A2_A11		ZM_091_A2_A11_MR
58530	ZM_091_A2_A12		ZM_091_A2_A12_MR
58531	ZM_091_A2_B01		ZM_091_A2_B01_MR
58532	ZM_091_A2_B03		ZM_091_A2_B03_MR
58533	ZM_091_A2_B04		ZM_091_A2_B04_MR
58534	ZM_091_A2_B06		ZM_091_A2_B06_MR
58535	ZM_091_A2_B07		ZM_091_A2_B07_MR
58536	ZM_091_A2_B08		ZM_091_A2_B08_MR
58537	ZM_091_A2_B10		ZM_091_A2_B10_MR
58538	ZM_091_A2_B11		ZM_091_A2_B11_MR
58539	ZM_091_A2_C01		ZM_091_A2_C01_MR
58540	ZM_091_A2_C02		ZM_091_A2_C02_MR
58541	ZM_091_A2_C03		ZM_091_A2_C03_MR
58542	ZM_091_A2_C04		ZM_091_A2_C04_MR
58543	ZM_091_A2_C08		ZM_091_A2_C08_MR
58544	ZM_091_A2_C09		ZM_091_A2_C09_MR
58545	ZM_091_A2_C10		ZM_091_A2_C10_MR
58546	ZM_091_A2_C11		ZM_091_A2_C11_MR
58547	ZM_091_A2_D04		ZM_091_A2_D04_MR
58548	ZM_091_A2_D07		ZM_091_A2_D07_MR
58549	ZM_091_A2_D08		ZM_091_A2_D08_MR
58550	ZM_091_A2_D09		ZM_091_A2_D09_MR
58551	ZM_091_A2_D11		ZM_091_A2_D11_MR
58552	ZM_091_A2_D12		ZM_091_A2_D12_MR
58553	ZM_091_A2_E02		ZM_091_A2_E02_MR
58554	ZM_091_A2_E03		ZM_091_A2_E03_MR
58555	ZM_091_A2_E07		ZM_091_A2_E07_MR
58556	ZM_091_A2_E10		ZM_091_A2_E10_MR
58557	ZM_091_A2_E12		ZM_091_A2_E12_MR
58558	ZM_091_A2_F10		ZM_091_A2_F10_MR
58559	ZM_091_A2_F12		ZM_091_A2_F12_MR
58560	ZM_091_A2_G02		ZM_091_A2_G02_MR
58561	ZM_091_A2_G03		ZM_091_A2_G03_MR
58562	ZM_091_A2_G07		ZM_091_A2_G07_MR
58563	ZM_091_A2_G08		ZM_091_A2_G08_MR
58564	ZM_091_A2_G09		ZM_091_A2_G09_MR
58565	ZM_091_A2_G11		ZM_091_A2_G11_MR
58566	ZM_091_A2_G12		ZM_091_A2_G12_MR
58567	ZM_091_A2_H06		ZM_091_A2_H06_MR
58568	ZM_091_A2_H07		ZM_091_A2_H07_MR
58569	ZM_091_A2_H08		ZM_091_A2_H08_MR
58570	ZM_091_A2_H09		ZM_091_A2_H09_MR
58571	ZM_091_A2_H10		ZM_091_A2_H10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58572	ZM_091_A2_H11		ZM_091_A2_H11_MR
58573	ZM_091_A2_H12		ZM_091_A2_H12_MR
58574	ZM_091_B2_A04		ZM_091_B2_A04_MR
58575	ZM_091_B2_A06		ZM_091_B2_A06_MR
58576	ZM_091_B2_B01		ZM_091_B2_B01_MR
58577	ZM_091_B2_B02		ZM_091_B2_B02_MR
58578	ZM_091_B2_B07		ZM_091_B2_B07_MR
58579	ZM_091_B2_B10		ZM_091_B2_B10_MR
58580	ZM_091_B2_C01		ZM_091_B2_C01_MR
58581	ZM_091_B2_C02		ZM_091_B2_C02_MR
58582	ZM_091_B2_C07		ZM_091_B2_C07_MR
58583	ZM_091_B2_C11		ZM_091_B2_C11_MR
58584	ZM_091_B2_C12		ZM_091_B2_C12_MR
58585	ZM_091_B2_D01		ZM_091_B2_D01_MR
58586	ZM_091_B2_D02		ZM_091_B2_D02_MR
58587	ZM_091_B2_D03		ZM_091_B2_D03_MR
58588	ZM_091_B2_D04		ZM_091_B2_D04_MR
58589	ZM_091_B2_D05		ZM_091_B2_D05_MR
58590	ZM_091_B2_D07		ZM_091_B2_D07_MR
58591	ZM_091_B2_D10		ZM_091_B2_D10_MR
58592	ZM_091_B2_E02		ZM_091_B2_E02_MR
58593	ZM_091_B2_E06		ZM_091_B2_E06_MR
58594	ZM_091_B2_E07		ZM_091_B2_E07_MR
58595	ZM_091_B2_E08		ZM_091_B2_E08_MR
58596	ZM_091_B2_E12		ZM_091_B2_E12_MR
58597	ZM_091_B2_F01		ZM_091_B2_F01_MR
58598	ZM_091_B2_F02		ZM_091_B2_F02_MR
58599	ZM_091_B2_F03		ZM_091_B2_F03_MR
58600	ZM_091_B2_F04		ZM_091_B2_F04_MR
58601	ZM_091_B2_F05		ZM_091_B2_F05_MR
58602	ZM_091_B2_F06		ZM_091_B2_F06_MR
58603	ZM_091_B2_F08		ZM_091_B2_F08_MR
58604	ZM_091_B2_F09		ZM_091_B2_F09_MR
58605	ZM_091_B2_F10		ZM_091_B2_F10_MR
58606	ZM_091_B2_F12		ZM_091_B2_F12_MR
58607	ZM_091_B2_G01		ZM_091_B2_G01_MR
58608	ZM_091_B2_G06		ZM_091_B2_G06_MR
58609	ZM_091_B2_G08		ZM_091_B2_G08_MR
58610	ZM_091_B2_G10		ZM_091_B2_G10_MR
58611	ZM_091_B2_G12		ZM_091_B2_G12_MR
58612	ZM_091_B2_H01		ZM_091_B2_H01_MR
58613	ZM_091_B2_H02		ZM_091_B2_H02_MR
58614	ZM_091_B2_H04		ZM_091_B2_H04_MR
58615	ZM_091_B2_H07		ZM_091_B2_H07_MR
58616	ZM_091_B2_H11		ZM_091_B2_H11_MR
58617	ZM_091_B2_H12		ZM_091_B2_H12_MR
58618	ZM_092_A1_A01	ZM_092_A1_A01_T7C	
58619	ZM_092_A1_A01		ZM_092_A1_A01_MR
58620	ZM_092_A1_A02	ZM_092_A1_A02_T7C	
58621	ZM_092_A1_A02		ZM_092_A1_A02_MR
58622	ZM_092_A1_A03	ZM_092_A1_A03_T7C	
58623	ZM_092_A1_A03		ZM_092_A1_A03_MR
58624	ZM_092_A1_A04	ZM_092_A1_A04_T7C	
58625	ZM_092_A1_A04		ZM_092_A1_A04_MR
58626	ZM_092_A1_A05	ZM_092_A1_A05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58627	ZM_092_A1_A05		ZM_092_A1_A05_MR
58628	ZM_092_A1_A06	ZM_092_A1_A06_T7C	
58629	ZM_092_A1_A06		ZM_092_A1_A06_MR
58630	ZM_092_A1_A07	ZM_092_A1_A07_T7C	
58631	ZM_092_A1_A07		ZM_092_A1_A07_MR
58632	ZM_092_A1_A08	ZM_092_A1_A08_T7C	
58633	ZM_092_A1_A08		ZM_092_A1_A08_MR
58634	ZM_092_A1_A09	ZM_092_A1_A09_T7C	
58635	ZM_092_A1_A09		ZM_092_A1_A09_MR
58636	ZM_092_A1_A10	ZM_092_A1_A10_T7C	
58637	ZM_092_A1_A10		ZM_092_A1_A10_MR
58638	ZM_092_A1_A11	ZM_092_A1_A11_T7C	
58639	ZM_092_A1_A11		ZM_092_A1_A11_MR
58640	ZM_092_A1_A12	ZM_092_A1_A12_T7C	
58641	ZM_092_A1_A12		ZM_092_A1_A12_MR
58642	ZM_092_A1_B01	ZM_092_A1_B01_T7C	
58643	ZM_092_A1_B01		ZM_092_A1_B01_MR
58644	ZM_092_A1_B02	ZM_092_A1_B02_T7C	
58645	ZM_092_A1_B02		ZM_092_A1_B02_MR
58646	ZM_092_A1_B03	ZM_092_A1_B03_T7C	
58647	ZM_092_A1_B03		ZM_092_A1_B03_MR
58648	ZM_092_A1_B04	ZM_092_A1_B04_T7C	
58649	ZM_092_A1_B04		ZM_092_A1_B04_MR
58650	ZM_092_A1_B05	ZM_092_A1_B05_T7C	
58651	ZM_092_A1_B05		ZM_092_A1_B05_MR
58652	ZM_092_A1_B06	ZM_092_A1_B06_T7C	
58653	ZM_092_A1_B06		ZM_092_A1_B06_MR
58654	ZM_092_A1_B07	ZM_092_A1_B07_T7C	
58655	ZM_092_A1_B07		ZM_092_A1_B07_MR
58656	ZM_092_A1_B08	ZM_092_A1_B08_T7C	
58657	ZM_092_A1_B08		ZM_092_A1_B08_MR
58658	ZM_092_A1_B09	ZM_092_A1_B09_T7C	
58659	ZM_092_A1_B09		ZM_092_A1_B09_MR
58660	ZM_092_A1_B10	ZM_092_A1_B10_T7C	
58661	ZM_092_A1_B10		ZM_092_A1_B10_MR
58662	ZM_092_A1_B11	ZM_092_A1_B11_T7C	
58663	ZM_092_A1_B11		ZM_092_A1_B11_MR
58664	ZM_092_A1_B12	ZM_092_A1_B12_T7C	
58665	ZM_092_A1_B12		ZM_092_A1_B12_MR
58666	ZM_092_A1_C01	ZM_092_A1_C01_T7C	
58667	ZM_092_A1_C01		ZM_092_A1_C01_MR
58668	ZM_092_A1_C02	ZM_092_A1_C02_T7C	
58669	ZM_092_A1_C02		ZM_092_A1_C02_MR
58670	ZM_092_A1_C03	ZM_092_A1_C03_T7C	
58671	ZM_092_A1_C03		ZM_092_A1_C03_MR
58672	ZM_092_A1_C04	ZM_092_A1_C04_T7C	
58673	ZM_092_A1_C04		ZM_092_A1_C04_MR
58674	ZM_092_A1_C05	ZM_092_A1_C05_T7C	
58675	ZM_092_A1_C05		ZM_092_A1_C05_MR
58676	ZM_092_A1_C06	ZM_092_A1_C06_T7C	
58677	ZM_092_A1_C06		ZM_092_A1_C06_MR
58678	ZM_092_A1_C07	ZM_092_A1_C07_T7C	
58679	ZM_092_A1_C07		ZM_092_A1_C07_MR
58680	ZM_092_A1_C08	ZM_092_A1_C08_T7C	
58681	ZM_092_A1_C08		ZM_092_A1_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58682	ZM_092_A1_C09	ZM_092_A1_C09_T7C	
58683	ZM_092_A1_C09		ZM_092_A1_C09_MR
58684	ZM_092_A1_C10	ZM_092_A1_C10_T7C	
58685	ZM_092_A1_C10		ZM_092_A1_C10_MR
58686	ZM_092_A1_C11	ZM_092_A1_C11_T7C	
58687	ZM_092_A1_C11		ZM_092_A1_C11_MR
58688	ZM_092_A1_C12	ZM_092_A1_C12_T7C	
58689	ZM_092_A1_C12		ZM_092_A1_C12_MR
58690	ZM_092_A1_D01		ZM_092_A1_D01_MR
58691	ZM_092_A1_D02	ZM_092_A1_D02_T7C	
58692	ZM_092_A1_D02		ZM_092_A1_D02_MR
58693	ZM_092_A1_D04	ZM_092_A1_D04_T7C	
58694	ZM_092_A1_D04		ZM_092_A1_D04_MR
58695	ZM_092_A1_D05		ZM_092_A1_D05_MR
58696	ZM_092_A1_D06	ZM_092_A1_D06_T7C	
58697	ZM_092_A1_D07	ZM_092_A1_D07_T7C	
58698	ZM_092_A1_D07		ZM_092_A1_D07_MR
58699	ZM_092_A1_D08	ZM_092_A1_D08_T7C	
58700	ZM_092_A1_D08		ZM_092_A1_D08_MR
58701	ZM_092_A1_D09	ZM_092_A1_D09_T7C	
58702	ZM_092_A1_D09		ZM_092_A1_D09_MR
58703	ZM_092_A1_D10	ZM_092_A1_D10_T7C	
58704	ZM_092_A1_D10		ZM_092_A1_D10_MR
58705	ZM_092_A1_D11	ZM_092_A1_D11_T7C	
58706	ZM_092_A1_D11		ZM_092_A1_D11_MR
58707	ZM_092_A1_D12	ZM_092_A1_D12_T7C	
58708	ZM_092_A1_D12		ZM_092_A1_D12_MR
58709	ZM_092_A1_E01	ZM_092_A1_E01_T7C	
58710	ZM_092_A1_E01		ZM_092_A1_E01_MR
58711	ZM_092_A1_E02	ZM_092_A1_E02_T7C	
58712	ZM_092_A1_E02		ZM_092_A1_E02_MR
58713	ZM_092_A1_E03	ZM_092_A1_E03_T7C	
58714	ZM_092_A1_E03		ZM_092_A1_E03_MR
58715	ZM_092_A1_E04	ZM_092_A1_E04_T7C	
58716	ZM_092_A1_E04		ZM_092_A1_E04_MR
58717	ZM_092_A1_E05	ZM_092_A1_E05_T7C	
58718	ZM_092_A1_E05		ZM_092_A1_E05_MR
58719	ZM_092_A1_E06	ZM_092_A1_E06_T7C	
58720	ZM_092_A1_E07	ZM_092_A1_E07_T7C	
58721	ZM_092_A1_E07		ZM_092_A1_E07_MR
58722	ZM_092_A1_E08		ZM_092_A1_E08_MR
58723	ZM_092_A1_E09	ZM_092_A1_E09_T7C	
58724	ZM_092_A1_E09		ZM_092_A1_E09_MR
58725	ZM_092_A1_E10	ZM_092_A1_E10_T7C	
58726	ZM_092_A1_E10		ZM_092_A1_E10_MR
58727	ZM_092_A1_E11		ZM_092_A1_E11_MR
58728	ZM_092_A1_E12	ZM_092_A1_E12_T7C	
58729	ZM_092_A1_E12		ZM_092_A1_E12_MR
58730	ZM_092_A1_F01	ZM_092_A1_F01_T7C	
58731	ZM_092_A1_F01		ZM_092_A1_F01_MR
58732	ZM_092_A1_F02	ZM_092_A1_F02_T7C	
58733	ZM_092_A1_F02		ZM_092_A1_F02_MR
58734	ZM_092_A1_F03	ZM_092_A1_F03_T7C	
58735	ZM_092_A1_F03		ZM_092_A1_F03_MR
58736	ZM_092_A1_F04	ZM_092_A1_F04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58737	ZM_092_A1_F04		ZM_092_A1_F04_MR
58738	ZM_092_A1_F05	ZM_092_A1_F05_T7C	
58739	ZM_092_A1_F05		ZM_092_A1_F05_MR
58740	ZM_092_A1_F06	ZM_092_A1_F06_T7C	
58741	ZM_092_A1_F06		ZM_092_A1_F06_MR
58742	ZM_092_A1_F07	ZM_092_A1_F07_T7C	
58743	ZM_092_A1_F07		ZM_092_A1_F07_MR
58744	ZM_092_A1_F08	ZM_092_A1_F08_T7C	
58745	ZM_092_A1_F08		ZM_092_A1_F08_MR
58746	ZM_092_A1_F09	ZM_092_A1_F09_T7C	
58747	ZM_092_A1_F09		ZM_092_A1_F09_MR
58748	ZM_092_A1_F10	ZM_092_A1_F10_T7C	
58749	ZM_092_A1_F10		ZM_092_A1_F10_MR
58750	ZM_092_A1_F11	ZM_092_A1_F11_T7C	
58751	ZM_092_A1_F11		ZM_092_A1_F11_MR
58752	ZM_092_A1_F12	ZM_092_A1_F12_T7C	
58753	ZM_092_A1_F12		ZM_092_A1_F12_MR
58754	ZM_092_A1_G01	ZM_092_A1_G01_T7C	
58755	ZM_092_A1_G01		ZM_092_A1_G01_MR
58756	ZM_092_A1_G02	ZM_092_A1_G02_T7C	
58757	ZM_092_A1_G02		ZM_092_A1_G02_MR
58758	ZM_092_A1_G03	ZM_092_A1_G03_T7C	
58759	ZM_092_A1_G03		ZM_092_A1_G03_MR
58760	ZM_092_A1_G04	ZM_092_A1_G04_T7C	
58761	ZM_092_A1_G04		ZM_092_A1_G04_MR
58762	ZM_092_A1_G05	ZM_092_A1_G05_T7C	
58763	ZM_092_A1_G05		ZM_092_A1_G05_MR
58764	ZM_092_A1_G06	ZM_092_A1_G06_T7C	
58765	ZM_092_A1_G06		ZM_092_A1_G06_MR
58766	ZM_092_A1_G07	ZM_092_A1_G07_T7C	
58767	ZM_092_A1_G08	ZM_092_A1_G08_T7C	
58768	ZM_092_A1_G08		ZM_092_A1_G08_MR
58769	ZM_092_A1_G09	ZM_092_A1_G09_T7C	
58770	ZM_092_A1_G09		ZM_092_A1_G09_MR
58771	ZM_092_A1_G10	ZM_092_A1_G10_T7C	
58772	ZM_092_A1_G10		ZM_092_A1_G10_MR
58773	ZM_092_A1_G11	ZM_092_A1_G11_T7C	
58774	ZM_092_A1_G11		ZM_092_A1_G11_MR
58775	ZM_092_A1_G12	ZM_092_A1_G12_T7C	
58776	ZM_092_A1_G12		ZM_092_A1_G12_MR
58777	ZM_092_A1_H01	ZM_092_A1_H01_T7C	
58778	ZM_092_A1_H01		ZM_092_A1_H01_MR
58779	ZM_092_A1_H02	ZM_092_A1_H02_T7C	
58780	ZM_092_A1_H02		ZM_092_A1_H02_MR
58781	ZM_092_A1_H03	ZM_092_A1_H03_T7C	
58782	ZM_092_A1_H03		ZM_092_A1_H03_MR
58783	ZM_092_A1_H04	ZM_092_A1_H04_T7C	
58784	ZM_092_A1_H04		ZM_092_A1_H04_MR
58785	ZM_092_A1_H05	ZM_092_A1_H05_T7C	
58786	ZM_092_A1_H05		ZM_092_A1_H05_MR
58787	ZM_092_A1_H06	ZM_092_A1_H06_T7C	
58788	ZM_092_A1_H06		ZM_092_A1_H06_MR
58789	ZM_092_A1_H07	ZM_092_A1_H07_T7C	
58790	ZM_092_A1_H07		ZM_092_A1_H07_MR
58791	ZM_092_A1_H08	ZM_092_A1_H08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58792	ZM_092_A1_H08		ZM_092_A1_H08_MR
58793	ZM_092_A1_H09	ZM_092_A1_H09_T7C	
58794	ZM_092_A1_H09		ZM_092_A1_H09_MR
58795	ZM_092_A1_H10	ZM_092_A1_H10_T7C	
58796	ZM_092_A1_H10		ZM_092_A1_H10_MR
58797	ZM_092_A1_H11	ZM_092_A1_H11_T7C	
58798	ZM_092_A1_H11		ZM_092_A1_H11_MR
58799	ZM_092_A1_H12	ZM_092_A1_H12_T7C	
58800	ZM_092_A1_H12		ZM_092_A1_H12_MR
58801	ZM_093_A1_A01	ZM_093_A1_A01_T7C	
58802	ZM_093_A1_A02	ZM_093_A1_A02_T7C	
58803	ZM_093_A1_A02		ZM_093_A1_A02_MR
58804	ZM_093_A1_A03	ZM_093_A1_A03_T7C	
58805	ZM_093_A1_A03		ZM_093_A1_A03_MR
58806	ZM_093_A1_A04	ZM_093_A1_A04_T7C	
58807	ZM_093_A1_A04		ZM_093_A1_A04_MR
58808	ZM_093_A1_A05	ZM_093_A1_A05_T7C	
58809	ZM_093_A1_A06	ZM_093_A1_A06_T7C	
58810	ZM_093_A1_A06		ZM_093_A1_A06_MR
58811	ZM_093_A1_A07	ZM_093_A1_A07_T7C	
58812	ZM_093_A1_A07		ZM_093_A1_A07_MR
58813	ZM_093_A1_A08	ZM_093_A1_A08_T7C	
58814	ZM_093_A1_A08		ZM_093_A1_A08_MR
58815	ZM_093_A1_A09	ZM_093_A1_A09_T7C	
58816	ZM_093_A1_A09		ZM_093_A1_A09_MR
58817	ZM_093_A1_A10	ZM_093_A1_A10_T7C	
58818	ZM_093_A1_A10		ZM_093_A1_A10_MR
58819	ZM_093_A1_A11	ZM_093_A1_A11_T7C	
58820	ZM_093_A1_A11		ZM_093_A1_A11_MR
58821	ZM_093_A1_A12	ZM_093_A1_A12_T7C	
58822	ZM_093_A1_A12		ZM_093_A1_A12_MR
58823	ZM_093_A1_B01	ZM_093_A1_B01_T7C	
58824	ZM_093_A1_B01		ZM_093_A1_B01_MR
58825	ZM_093_A1_B02	ZM_093_A1_B02_T7C	
58826	ZM_093_A1_B02		ZM_093_A1_B02_MR
58827	ZM_093_A1_B03	ZM_093_A1_B03_T7C	
58828	ZM_093_A1_B03		ZM_093_A1_B03_MR
58829	ZM_093_A1_B04	ZM_093_A1_B04_T7C	
58830	ZM_093_A1_B04		ZM_093_A1_B04_MR
58831	ZM_093_A1_B05	ZM_093_A1_B05_T7C	
58832	ZM_093_A1_B05		ZM_093_A1_B05_MR
58833	ZM_093_A1_B06	ZM_093_A1_B06_T7C	
58834	ZM_093_A1_B06		ZM_093_A1_B06_MR
58835	ZM_093_A1_B07	ZM_093_A1_B07_T7C	
58836	ZM_093_A1_B07		ZM_093_A1_B07_MR
58837	ZM_093_A1_B08	ZM_093_A1_B08_T7C	
58838	ZM_093_A1_B08		ZM_093_A1_B08_MR
58839	ZM_093_A1_B10	ZM_093_A1_B10_T7C	
58840	ZM_093_A1_B10		ZM_093_A1_B10_MR
58841	ZM_093_A1_B11	ZM_093_A1_B11_T7C	
58842	ZM_093_A1_B11		ZM_093_A1_B11_MR
58843	ZM_093_A1_B12	ZM_093_A1_B12_T7C	
58844	ZM_093_A1_B12		ZM_093_A1_B12_MR
58845	ZM_093_A1_C01	ZM_093_A1_C01_T7C	
58846	ZM_093_A1_C01		ZM_093_A1_C01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58847	ZM_093_A1_C02	ZM_093_A1_C02_T7C	
58848	ZM_093_A1_C02		ZM_093_A1_C02_MR
58849	ZM_093_A1_C03	ZM_093_A1_C03_T7C	
58850	ZM_093_A1_C03		ZM_093_A1_C03_MR
58851	ZM_093_A1_C04	ZM_093_A1_C04_T7C	
58852	ZM_093_A1_C04		ZM_093_A1_C04_MR
58853	ZM_093_A1_C05	ZM_093_A1_C05_T7C	
58854	ZM_093_A1_C05		ZM_093_A1_C05_MR
58855	ZM_093_A1_C06	ZM_093_A1_C06_T7C	
58856	ZM_093_A1_C06		ZM_093_A1_C06_MR
58857	ZM_093_A1_C07	ZM_093_A1_C07_T7C	
58858	ZM_093_A1_C08	ZM_093_A1_C08_T7C	
58859	ZM_093_A1_C08		ZM_093_A1_C08_MR
58860	ZM_093_A1_C10	ZM_093_A1_C10_T7C	
58861	ZM_093_A1_C10		ZM_093_A1_C10_MR
58862	ZM_093_A1_C11	ZM_093_A1_C11_T7C	
58863	ZM_093_A1_C11		ZM_093_A1_C11_MR
58864	ZM_093_A1_C12	ZM_093_A1_C12_T7C	
58865	ZM_093_A1_C12		ZM_093_A1_C12_MR
58866	ZM_093_A1_D01	ZM_093_A1_D01_T7C	
58867	ZM_093_A1_D01		ZM_093_A1_D01_MR
58868	ZM_093_A1_D02	ZM_093_A1_D02_T7C	
58869	ZM_093_A1_D02		ZM_093_A1_D02_MR
58870	ZM_093_A1_D03	ZM_093_A1_D03_T7C	
58871	ZM_093_A1_D03		ZM_093_A1_D03_MR
58872	ZM_093_A1_D04	ZM_093_A1_D04_T7C	
58873	ZM_093_A1_D04		ZM_093_A1_D04_MR
58874	ZM_093_A1_D05	ZM_093_A1_D05_T7C	
58875	ZM_093_A1_D05		ZM_093_A1_D05_MR
58876	ZM_093_A1_D06	ZM_093_A1_D06_T7C	
58877	ZM_093_A1_D06		ZM_093_A1_D06_MR
58878	ZM_093_A1_D07	ZM_093_A1_D07_T7C	
58879	ZM_093_A1_D07		ZM_093_A1_D07_MR
58880	ZM_093_A1_D08	ZM_093_A1_D08_T7C	
58881	ZM_093_A1_D08		ZM_093_A1_D08_MR
58882	ZM_093_A1_D09	ZM_093_A1_D09_T7C	
58883	ZM_093_A1_D10		ZM_093_A1_D10_MR
58884	ZM_093_A1_D11	ZM_093_A1_D11_T7C	
58885	ZM_093_A1_D11		ZM_093_A1_D11_MR
58886	ZM_093_A1_D12	ZM_093_A1_D12_T7C	
58887	ZM_093_A1_D12		ZM_093_A1_D12_MR
58888	ZM_093_A1_E01	ZM_093_A1_E01_T7C	
58889	ZM_093_A1_E02	ZM_093_A1_E02_T7C	
58890	ZM_093_A1_E02		ZM_093_A1_E02_MR
58891	ZM_093_A1_E03	ZM_093_A1_E03_T7C	
58892	ZM_093_A1_E04	ZM_093_A1_E04_T7C	
58893	ZM_093_A1_E04		ZM_093_A1_E04_MR
58894	ZM_093_A1_E05	ZM_093_A1_E05_T7C	
58895	ZM_093_A1_E05		ZM_093_A1_E05_MR
58896	ZM_093_A1_E06	ZM_093_A1_E06_T7C	
58897	ZM_093_A1_E06		ZM_093_A1_E06_MR
58898	ZM_093_A1_E07	ZM_093_A1_E07_T7C	
58899	ZM_093_A1_E07		ZM_093_A1_E07_MR
58900	ZM_093_A1_E08	ZM_093_A1_E08_T7C	
58901	ZM_093_A1_E08		ZM_093_A1_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58902	ZM_093_A1_E09	ZM_093_A1_E09_T7C	
58903	ZM_093_A1_E09		ZM_093_A1_E09_MR
58904	ZM_093_A1_E10	ZM_093_A1_E10_T7C	
58905	ZM_093_A1_E10		ZM_093_A1_E10_MR
58906	ZM_093_A1_E11	ZM_093_A1_E11_T7C	
58907	ZM_093_A1_E11		ZM_093_A1_E11_MR
58908	ZM_093_A1_E12	ZM_093_A1_E12_T7C	
58909	ZM_093_A1_F01		ZM_093_A1_F01_MR
58910	ZM_093_A1_F02	ZM_093_A1_F02_T7C	
58911	ZM_093_A1_F02		ZM_093_A1_F02_MR
58912	ZM_093_A1_F03	ZM_093_A1_F03_T7C	
58913	ZM_093_A1_F03		ZM_093_A1_F03_MR
58914	ZM_093_A1_F04	ZM_093_A1_F04_T7C	
58915	ZM_093_A1_F04		ZM_093_A1_F04_MR
58916	ZM_093_A1_F05		ZM_093_A1_F05_MR
58917	ZM_093_A1_F06	ZM_093_A1_F06_T7C	
58918	ZM_093_A1_F06		ZM_093_A1_F06_MR
58919	ZM_093_A1_F07	ZM_093_A1_F07_T7C	
58920	ZM_093_A1_F07		ZM_093_A1_F07_MR
58921	ZM_093_A1_F08	ZM_093_A1_F08_T7C	
58922	ZM_093_A1_F08		ZM_093_A1_F08_MR
58923	ZM_093_A1_F09	ZM_093_A1_F09_T7C	
58924	ZM_093_A1_F09		ZM_093_A1_F09_MR
58925	ZM_093_A1_F10	ZM_093_A1_F10_T7C	
58926	ZM_093_A1_F10		ZM_093_A1_F10_MR
58927	ZM_093_A1_F11	ZM_093_A1_F11_T7C	
58928	ZM_093_A1_F11		ZM_093_A1_F11_MR
58929	ZM_093_A1_F12	ZM_093_A1_F12_T7C	
58930	ZM_093_A1_F12		ZM_093_A1_F12_MR
58931	ZM_093_A1_G01	ZM_093_A1_G01_T7C	
58932	ZM_093_A1_G01		ZM_093_A1_G01_MR
58933	ZM_093_A1_G02	ZM_093_A1_G02_T7C	
58934	ZM_093_A1_G02		ZM_093_A1_G02_MR
58935	ZM_093_A1_G03	ZM_093_A1_G03_T7C	
58936	ZM_093_A1_G03		ZM_093_A1_G03_MR
58937	ZM_093_A1_G04	ZM_093_A1_G04_T7C	
58938	ZM_093_A1_G04		ZM_093_A1_G04_MR
58939	ZM_093_A1_G05	ZM_093_A1_G05_T7C	
58940	ZM_093_A1_G05		ZM_093_A1_G05_MR
58941	ZM_093_A1_G06	ZM_093_A1_G06_T7C	
58942	ZM_093_A1_G06		ZM_093_A1_G06_MR
58943	ZM_093_A1_G07	ZM_093_A1_G07_T7C	
58944	ZM_093_A1_G07		ZM_093_A1_G07_MR
58945	ZM_093_A1_G08	ZM_093_A1_G08_T7C	
58946	ZM_093_A1_G08		ZM_093_A1_G08_MR
58947	ZM_093_A1_G09	ZM_093_A1_G09_T7C	
58948	ZM_093_A1_G09		ZM_093_A1_G09_MR
58949	ZM_093_A1_G10	ZM_093_A1_G10_T7C	
58950	ZM_093_A1_G10		ZM_093_A1_G10_MR
58951	ZM_093_A1_G11	ZM_093_A1_G11_T7C	
58952	ZM_093_A1_G11		ZM_093_A1_G11_MR
58953	ZM_093_A1_G12	ZM_093_A1_G12_T7C	
58954	ZM_093_A1_G12		ZM_093_A1_G12_MR
58955	ZM_093_A1_H01	ZM_093_A1_H01_T7C	
58956	ZM_093_A1_H02	ZM_093_A1_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
58957	ZM_093_A1_H02		ZM_093_A1_H02_MR
58958	ZM_093_A1_H03	ZM_093_A1_H03_T7C	
58959	ZM_093_A1_H03		ZM_093_A1_H03_MR
58960	ZM_093_A1_H04	ZM_093_A1_H04_T7C	
58961	ZM_093_A1_H04		ZM_093_A1_H04_MR
58962	ZM_093_A1_H05	ZM_093_A1_H05_T7C	
58963	ZM_093_A1_H05		ZM_093_A1_H05_MR
58964	ZM_093_A1_H06	ZM_093_A1_H06_T7C	
58965	ZM_093_A1_H06		ZM_093_A1_H06_MR
58966	ZM_093_A1_H07	ZM_093_A1_H07_T7C	
58967	ZM_093_A1_H08	ZM_093_A1_H08_T7C	
58968	ZM_093_A1_H08		ZM_093_A1_H08_MR
58969	ZM_093_A1_H09	ZM_093_A1_H09_T7C	
58970	ZM_093_A1_H09		ZM_093_A1_H09_MR
58971	ZM_093_A1_H10	ZM_093_A1_H10_T7C	
58972	ZM_093_A1_H10		ZM_093_A1_H10_MR
58973	ZM_093_A1_H11	ZM_093_A1_H11_T7C	
58974	ZM_093_A1_H11		ZM_093_A1_H11_MR
58975	ZM_093_A1_H12	ZM_093_A1_H12_T7C	
58976	ZM_093_A1_H12		ZM_093_A1_H12_MR
58977	ZM_093_A2_A01	ZM_093_A2_A01_T7C	
58978	ZM_093_A2_A02	ZM_093_A2_A02_T7C	
58979	ZM_093_A2_A03	ZM_093_A2_A03_T7C	
58980	ZM_093_A2_A04	ZM_093_A2_A04_T7C	
58981	ZM_093_A2_A05	ZM_093_A2_A05_T7C	
58982	ZM_093_A2_A06	ZM_093_A2_A06_T7C	
58983	ZM_093_A2_A09	ZM_093_A2_A09_T7C	
58984	ZM_093_A2_A10	ZM_093_A2_A10_T7C	
58985	ZM_093_A2_A11	ZM_093_A2_A11_T7C	
58986	ZM_093_A2_A12	ZM_093_A2_A12_T7C	
58987	ZM_093_A2_B01	ZM_093_A2_B01_T7C	
58988	ZM_093_A2_B02	ZM_093_A2_B02_T7C	
58989	ZM_093_A2_B03	ZM_093_A2_B03_T7C	
58990	ZM_093_A2_B04	ZM_093_A2_B04_T7C	
58991	ZM_093_A2_B05	ZM_093_A2_B05_T7C	
58992	ZM_093_A2_B06	ZM_093_A2_B06_T7C	
58993	ZM_093_A2_B07	ZM_093_A2_B07_T7C	
58994	ZM_093_A2_B08	ZM_093_A2_B08_T7C	
58995	ZM_093_A2_B09	ZM_093_A2_B09_T7C	
58996	ZM_093_A2_B10	ZM_093_A2_B10_T7C	
58997	ZM_093_A2_B11	ZM_093_A2_B11_T7C	
58998	ZM_093_A2_C01	ZM_093_A2_C01_T7C	
58999	ZM_093_A2_C02	ZM_093_A2_C02_T7C	
59000	ZM_093_A2_C03	ZM_093_A2_C03_T7C	
59001	ZM_093_A2_C04	ZM_093_A2_C04_T7C	
59002	ZM_093_A2_C07	ZM_093_A2_C07_T7C	
59003	ZM_093_A2_C08	ZM_093_A2_C08_T7C	
59004	ZM_093_A2_C09	ZM_093_A2_C09_T7C	
59005	ZM_093_A2_C10	ZM_093_A2_C10_T7C	
59006	ZM_093_A2_C11	ZM_093_A2_C11_T7C	
59007	ZM_093_A2_C12	ZM_093_A2_C12_T7C	
59008	ZM_093_A2_D01	ZM_093_A2_D01_T7C	
59009	ZM_093_A2_D02	ZM_093_A2_D02_T7C	
59010	ZM_093_A2_D04	ZM_093_A2_D04_T7C	
59011	ZM_093_A2_D05	ZM_093_A2_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59012	ZM_093_A2_D06	ZM_093_A2_D06_T7C	
59013	ZM_093_A2_D07	ZM_093_A2_D07_T7C	
59014	ZM_093_A2_D08	ZM_093_A2_D08_T7C	
59015	ZM_093_A2_D09	ZM_093_A2_D09_T7C	
59016	ZM_093_A2_D10	ZM_093_A2_D10_T7C	
59017	ZM_093_A2_D11	ZM_093_A2_D11_T7C	
59018	ZM_093_A2_D12	ZM_093_A2_D12_T7C	
59019	ZM_093_A2_E01	ZM_093_A2_E01_T7C	
59020	ZM_093_A2_E02	ZM_093_A2_E02_T7C	
59021	ZM_093_A2_E03	ZM_093_A2_E03_T7C	
59022	ZM_093_A2_E04	ZM_093_A2_E04_T7C	
59023	ZM_093_A2_E05	ZM_093_A2_E05_T7C	
59024	ZM_093_A2_E07	ZM_093_A2_E07_T7C	
59025	ZM_093_A2_E08	ZM_093_A2_E08_T7C	
59026	ZM_093_A2_E09	ZM_093_A2_E09_T7C	
59027	ZM_093_A2_E10	ZM_093_A2_E10_T7C	
59028	ZM_093_A2_E12	ZM_093_A2_E12_T7C	
59029	ZM_093_A2_F01	ZM_093_A2_F01_T7C	
59030	ZM_093_A2_F02	ZM_093_A2_F02_T7C	
59031	ZM_093_A2_F07	ZM_093_A2_F07_T7C	
59032	ZM_093_A2_F08	ZM_093_A2_F08_T7C	
59033	ZM_093_A2_F09	ZM_093_A2_F09_T7C	
59034	ZM_093_A2_F10	ZM_093_A2_F10_T7C	
59035	ZM_093_A2_F11	ZM_093_A2_F11_T7C	
59036	ZM_093_A2_F12	ZM_093_A2_F12_T7C	
59037	ZM_093_A2_G01	ZM_093_A2_G01_T7C	
59038	ZM_093_A2_G02	ZM_093_A2_G02_T7C	
59039	ZM_093_A2_G03	ZM_093_A2_G03_T7C	
59040	ZM_093_A2_G04	ZM_093_A2_G04_T7C	
59041	ZM_093_A2_G05	ZM_093_A2_G05_T7C	
59042	ZM_093_A2_G07	ZM_093_A2_G07_T7C	
59043	ZM_093_A2_G08	ZM_093_A2_G08_T7C	
59044	ZM_093_A2_G09	ZM_093_A2_G09_T7C	
59045	ZM_093_A2_G11	ZM_093_A2_G11_T7C	
59046	ZM_093_A2_H01	ZM_093_A2_H01_T7C	
59047	ZM_093_A2_H02	ZM_093_A2_H02_T7C	
59048	ZM_093_A2_H05	ZM_093_A2_H05_T7C	
59049	ZM_093_A2_H07	ZM_093_A2_H07_T7C	
59050	ZM_093_A2_H08	ZM_093_A2_H08_T7C	
59051	ZM_093_A2_H10	ZM_093_A2_H10_T7C	
59052	ZM_093_A2_H11	ZM_093_A2_H11_T7C	
59053	ZM_093_A2_H12	ZM_093_A2_H12_T7C	
59054	ZM_093_B1_A01	ZM_093_B1_A01_T7C	
59055	ZM_093_B1_A02		ZM_093_B1_A02_MR
59056	ZM_093_B1_A03	ZM_093_B1_A03_T7C	
59057	ZM_093_B1_A04	ZM_093_B1_A04_T7C	
59058	ZM_093_B1_A04		ZM_093_B1_A04_MR
59059	ZM_093_B1_A05		ZM_093_B1_A05_MR
59060	ZM_093_B1_A06		ZM_093_B1_A06_MR
59061	ZM_093_B1_A07	ZM_093_B1_A07_T7C	
59062	ZM_093_B1_A07		ZM_093_B1_A07_MR
59063	ZM_093_B1_A08		ZM_093_B1_A08_MR
59064	ZM_093_B1_A09	ZM_093_B1_A09_T7C	
59065	ZM_093_B1_A09		ZM_093_B1_A09_MR
59066	ZM_093_B1_A10	ZM_093_B1_A10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59067	ZM_093_B1_A10		ZM_093_B1_A10_MR
59068	ZM_093_B1_A11		ZM_093_B1_A11_MR
59069	ZM_093_B1_A12	ZM_093_B1_A12_T7C	
59070	ZM_093_B1_A12		ZM_093_B1_A12_MR
59071	ZM_093_B1_B01	ZM_093_B1_B01_T7C	
59072	ZM_093_B1_B01		ZM_093_B1_B01_MR
59073	ZM_093_B1_B02	ZM_093_B1_B02_T7C	
59074	ZM_093_B1_B02		ZM_093_B1_B02_MR
59075	ZM_093_B1_B03		ZM_093_B1_B03_MR
59076	ZM_093_B1_B05	ZM_093_B1_B05_T7C	
59077	ZM_093_B1_B06	ZM_093_B1_B06_T7C	
59078	ZM_093_B1_B06		ZM_093_B1_B06_MR
59079	ZM_093_B1_B07	ZM_093_B1_B07_T7C	
59080	ZM_093_B1_B07		ZM_093_B1_B07_MR
59081	ZM_093_B1_B08		ZM_093_B1_B08_MR
59082	ZM_093_B1_B09	ZM_093_B1_B09_T7C	
59083	ZM_093_B1_B09		ZM_093_B1_B09_MR
59084	ZM_093_B1_C01	ZM_093_B1_C01_T7C	
59085	ZM_093_B1_C01		ZM_093_B1_C01_MR
59086	ZM_093_B1_C02	ZM_093_B1_C02_T7C	
59087	ZM_093_B1_C02		ZM_093_B1_C02_MR
59088	ZM_093_B1_C03		ZM_093_B1_C03_MR
59089	ZM_093_B1_C04	ZM_093_B1_C04_T7C	
59090	ZM_093_B1_C04		ZM_093_B1_C04_MR
59091	ZM_093_B1_C05	ZM_093_B1_C05_T7C	
59092	ZM_093_B1_C05		ZM_093_B1_C05_MR
59093	ZM_093_B1_C07	ZM_093_B1_C07_T7C	
59094	ZM_093_B1_C07		ZM_093_B1_C07_MR
59095	ZM_093_B1_C08	ZM_093_B1_C08_T7C	
59096	ZM_093_B1_C08		ZM_093_B1_C08_MR
59097	ZM_093_B1_C09		ZM_093_B1_C09_MR
59098	ZM_093_B1_C10	ZM_093_B1_C10_T7C	
59099	ZM_093_B1_C10		ZM_093_B1_C10_MR
59100	ZM_093_B1_C11	ZM_093_B1_C11_T7C	
59101	ZM_093_B1_C12	ZM_093_B1_C12_T7C	
59102	ZM_093_B1_C12		ZM_093_B1_C12_MR
59103	ZM_093_B1_D01	ZM_093_B1_D01_T7C	
59104	ZM_093_B1_D01		ZM_093_B1_D01_MR
59105	ZM_093_B1_D02	ZM_093_B1_D02_T7C	
59106	ZM_093_B1_D02		ZM_093_B1_D02_MR
59107	ZM_093_B1_D03	ZM_093_B1_D03_T7C	
59108	ZM_093_B1_D03		ZM_093_B1_D03_MR
59109	ZM_093_B1_D04	ZM_093_B1_D04_T7C	
59110	ZM_093_B1_D04		ZM_093_B1_D04_MR
59111	ZM_093_B1_D05		ZM_093_B1_D05_MR
59112	ZM_093_B1_D07	ZM_093_B1_D07_T7C	
59113	ZM_093_B1_D07		ZM_093_B1_D07_MR
59114	ZM_093_B1_D08		ZM_093_B1_D08_MR
59115	ZM_093_B1_D09	ZM_093_B1_D09_T7C	
59116	ZM_093_B1_D09		ZM_093_B1_D09_MR
59117	ZM_093_B1_D10	ZM_093_B1_D10_T7C	
59118	ZM_093_B1_D10		ZM_093_B1_D10_MR
59119	ZM_093_B1_D11	ZM_093_B1_D11_T7C	
59120	ZM_093_B1_D11		ZM_093_B1_D11_MR
59121	ZM_093_B1_D12	ZM_093_B1_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59122	ZM_093_B1_D12		ZM_093_B1_D12_MR
59123	ZM_093_B1_E10	ZM_093_B1_E10_T7C	
59124	ZM_093_B1_E10		ZM_093_B1_E10_MR
59125	ZM_093_B1_E11	ZM_093_B1_E11_T7C	
59126	ZM_093_B1_E11		ZM_093_B1_E11_MR
59127	ZM_093_B1_F01	ZM_093_B1_F01_T7C	
59128	ZM_093_B1_F01		ZM_093_B1_F01_MR
59129	ZM_093_B1_F04	ZM_093_B1_F04_T7C	
59130	ZM_093_B1_F04		ZM_093_B1_F04_MR
59131	ZM_093_B1_F07	ZM_093_B1_F07_T7C	
59132	ZM_093_B1_F07		ZM_093_B1_F07_MR
59133	ZM_093_B1_F08		ZM_093_B1_F08_MR
59134	ZM_093_B1_F09	ZM_093_B1_F09_T7C	
59135	ZM_093_B1_F09		ZM_093_B1_F09_MR
59136	ZM_093_B1_F10	ZM_093_B1_F10_T7C	
59137	ZM_093_B1_F10		ZM_093_B1_F10_MR
59138	ZM_093_B1_F11		ZM_093_B1_F11_MR
59139	ZM_093_B1_F12	ZM_093_B1_F12_T7C	
59140	ZM_093_B1_F12		ZM_093_B1_F12_MR
59141	ZM_093_B1_G01		ZM_093_B1_G01_MR
59142	ZM_093_B1_G10	ZM_093_B1_G10_T7C	
59143	ZM_093_B1_G12	ZM_093_B1_G12_T7C	
59144	ZM_093_B1_G12		ZM_093_B1_G12_MR
59145	ZM_093_B1_H01		ZM_093_B1_H01_MR
59146	ZM_093_B1_H02	ZM_093_B1_H02_T7C	
59147	ZM_093_B1_H02		ZM_093_B1_H02_MR
59148	ZM_093_B1_H03	ZM_093_B1_H03_T7C	
59149	ZM_093_B1_H03		ZM_093_B1_H03_MR
59150	ZM_093_B1_H04	ZM_093_B1_H04_T7C	
59151	ZM_093_B1_H04		ZM_093_B1_H04_MR
59152	ZM_093_B1_H06	ZM_093_B1_H06_T7C	
59153	ZM_093_B1_H08		ZM_093_B1_H08_MR
59154	ZM_093_B1_H10	ZM_093_B1_H10_T7C	
59155	ZM_093_B1_H10		ZM_093_B1_H10_MR
59156	ZM_093_B1_H11	ZM_093_B1_H11_T7C	
59157	ZM_093_B1_H11		ZM_093_B1_H11_MR
59158	ZM_094_A1_A01		ZM_094_A1_A01_MR
59159	ZM_094_A1_A02		ZM_094_A1_A02_MR
59160	ZM_094_A1_A03		ZM_094_A1_A03_MR
59161	ZM_094_A1_A04		ZM_094_A1_A04_MR
59162	ZM_094_A1_A05		ZM_094_A1_A05_MR
59163	ZM_094_A1_A06		ZM_094_A1_A06_MR
59164	ZM_094_A1_A07		ZM_094_A1_A07_MR
59165	ZM_094_A1_A08		ZM_094_A1_A08_MR
59166	ZM_094_A1_A09		ZM_094_A1_A09_MR
59167	ZM_094_A1_A10		ZM_094_A1_A10_MR
59168	ZM_094_A1_A11		ZM_094_A1_A11_MR
59169	ZM_094_A1_A12		ZM_094_A1_A12_MR
59170	ZM_094_A1_B01		ZM_094_A1_B01_MR
59171	ZM_094_A1_B02		ZM_094_A1_B02_MR
59172	ZM_094_A1_B03		ZM_094_A1_B03_MR
59173	ZM_094_A1_B04		ZM_094_A1_B04_MR
59174	ZM_094_A1_B05		ZM_094_A1_B05_MR
59175	ZM_094_A1_B07		ZM_094_A1_B07_MR
59176	ZM_094_A1_B08		ZM_094_A1_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59177	ZM_094_A1_B09		ZM_094_A1_B09_MR
59178	ZM_094_A1_B10		ZM_094_A1_B10_MR
59179	ZM_094_A1_B11		ZM_094_A1_B11_MR
59180	ZM_094_A1_B12		ZM_094_A1_B12_MR
59181	ZM_094_A1_C01		ZM_094_A1_C01_MR
59182	ZM_094_A1_C02		ZM_094_A1_C02_MR
59183	ZM_094_A1_C03		ZM_094_A1_C03_MR
59184	ZM_094_A1_C05		ZM_094_A1_C05_MR
59185	ZM_094_A1_C06		ZM_094_A1_C06_MR
59186	ZM_094_A1_C07		ZM_094_A1_C07_MR
59187	ZM_094_A1_C08		ZM_094_A1_C08_MR
59188	ZM_094_A1_C09		ZM_094_A1_C09_MR
59189	ZM_094_A1_C10		ZM_094_A1_C10_MR
59190	ZM_094_A1_C11		ZM_094_A1_C11_MR
59191	ZM_094_A1_C12		ZM_094_A1_C12_MR
59192	ZM_094_A1_D01		ZM_094_A1_D01_MR
59193	ZM_094_A1_D02		ZM_094_A1_D02_MR
59194	ZM_094_A1_D03		ZM_094_A1_D03_MR
59195	ZM_094_A1_D04		ZM_094_A1_D04_MR
59196	ZM_094_A1_D05		ZM_094_A1_D05_MR
59197	ZM_094_A1_D06		ZM_094_A1_D06_MR
59198	ZM_094_A1_D07		ZM_094_A1_D07_MR
59199	ZM_094_A1_D08		ZM_094_A1_D08_MR
59200	ZM_094_A1_D09		ZM_094_A1_D09_MR
59201	ZM_094_A1_D10		ZM_094_A1_D10_MR
59202	ZM_094_A1_D11		ZM_094_A1_D11_MR
59203	ZM_094_A1_D12		ZM_094_A1_D12_MR
59204	ZM_094_A1_E01		ZM_094_A1_E01_MR
59205	ZM_094_A1_E02		ZM_094_A1_E02_MR
59206	ZM_094_A1_E03		ZM_094_A1_E03_MR
59207	ZM_094_A1_E04		ZM_094_A1_E04_MR
59208	ZM_094_A1_E05		ZM_094_A1_E05_MR
59209	ZM_094_A1_E06		ZM_094_A1_E06_MR
59210	ZM_094_A1_E07		ZM_094_A1_E07_MR
59211	ZM_094_A1_E08		ZM_094_A1_E08_MR
59212	ZM_094_A1_E09		ZM_094_A1_E09_MR
59213	ZM_094_A1_E10		ZM_094_A1_E10_MR
59214	ZM_094_A1_E11		ZM_094_A1_E11_MR
59215	ZM_094_A1_E12		ZM_094_A1_E12_MR
59216	ZM_094_A1_F01		ZM_094_A1_F01_MR
59217	ZM_094_A1_F02		ZM_094_A1_F02_MR
59218	ZM_094_A1_F03		ZM_094_A1_F03_MR
59219	ZM_094_A1_F04		ZM_094_A1_F04_MR
59220	ZM_094_A1_F05		ZM_094_A1_F05_MR
59221	ZM_094_A1_F06		ZM_094_A1_F06_MR
59222	ZM_094_A1_F07		ZM_094_A1_F07_MR
59223	ZM_094_A1_F08		ZM_094_A1_F08_MR
59224	ZM_094_A1_F10		ZM_094_A1_F10_MR
59225	ZM_094_A1_F11		ZM_094_A1_F11_MR
59226	ZM_094_A1_F12		ZM_094_A1_F12_MR
59227	ZM_094_A1_G01		ZM_094_A1_G01_MR
59228	ZM_094_A1_G02		ZM_094_A1_G02_MR
59229	ZM_094_A1_G03		ZM_094_A1_G03_MR
59230	ZM_094_A1_G04		ZM_094_A1_G04_MR
59231	ZM_094_A1_G05		ZM_094_A1_G05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59232	ZM_094_A1_G06		ZM_094_A1_G06_MR
59233	ZM_094_A1_G07		ZM_094_A1_G07_MR
59234	ZM_094_A1_G08		ZM_094_A1_G08_MR
59235	ZM_094_A1_G09		ZM_094_A1_G09_MR
59236	ZM_094_A1_G10		ZM_094_A1_G10_MR
59237	ZM_094_A1_G11		ZM_094_A1_G11_MR
59238	ZM_094_A1_G12		ZM_094_A1_G12_MR
59239	ZM_094_A1_H01		ZM_094_A1_H01_MR
59240	ZM_094_A1_H02		ZM_094_A1_H02_MR
59241	ZM_094_A1_H03		ZM_094_A1_H03_MR
59242	ZM_094_A1_H04		ZM_094_A1_H04_MR
59243	ZM_094_A1_H05		ZM_094_A1_H05_MR
59244	ZM_094_A1_H06		ZM_094_A1_H06_MR
59245	ZM_094_A1_H07		ZM_094_A1_H07_MR
59246	ZM_094_A1_H09		ZM_094_A1_H09_MR
59247	ZM_094_A1_H10		ZM_094_A1_H10_MR
59248	ZM_094_A1_H11		ZM_094_A1_H11_MR
59249	ZM_094_A2_A01	ZM_094_A2_A01_T7C	
59250	ZM_094_A2_A01		ZM_094_A2_A01_MR
59251	ZM_094_A2_A02		ZM_094_A2_A02_MR
59252	ZM_094_A2_A04		ZM_094_A2_A04_MR
59253	ZM_094_A2_A05	ZM_094_A2_A05_T7C	
59254	ZM_094_A2_A05		ZM_094_A2_A05_MR
59255	ZM_094_A2_A06	ZM_094_A2_A06_T7C	
59256	ZM_094_A2_A06		ZM_094_A2_A06_MR
59257	ZM_094_A2_A07		ZM_094_A2_A07_MR
59258	ZM_094_A2_A08	ZM_094_A2_A08_T7C	
59259	ZM_094_A2_A08		ZM_094_A2_A08_MR
59260	ZM_094_A2_A09	ZM_094_A2_A09_T7C	
59261	ZM_094_A2_A09		ZM_094_A2_A09_MR
59262	ZM_094_A2_A10	ZM_094_A2_A10_T7C	
59263	ZM_094_A2_A10		ZM_094_A2_A10_MR
59264	ZM_094_A2_A11	ZM_094_A2_A11_T7C	
59265	ZM_094_A2_A11		ZM_094_A2_A11_MR
59266	ZM_094_A2_A12	ZM_094_A2_A12_T7C	
59267	ZM_094_A2_A12		ZM_094_A2_A12_MR
59268	ZM_094_A2_B01	ZM_094_A2_B01_T7C	
59269	ZM_094_A2_B01		ZM_094_A2_B01_MR
59270	ZM_094_A2_B02	ZM_094_A2_B02_T7C	
59271	ZM_094_A2_B02		ZM_094_A2_B02_MR
59272	ZM_094_A2_B03	ZM_094_A2_B03_T7C	
59273	ZM_094_A2_B03		ZM_094_A2_B03_MR
59274	ZM_094_A2_B04	ZM_094_A2_B04_T7C	
59275	ZM_094_A2_B04		ZM_094_A2_B04_MR
59276	ZM_094_A2_B05	ZM_094_A2_B05_T7C	
59277	ZM_094_A2_B05		ZM_094_A2_B05_MR
59278	ZM_094_A2_B06	ZM_094_A2_B06_T7C	
59279	ZM_094_A2_B06		ZM_094_A2_B06_MR
59280	ZM_094_A2_B07	ZM_094_A2_B07_T7C	
59281	ZM_094_A2_B07		ZM_094_A2_B07_MR
59282	ZM_094_A2_B08	ZM_094_A2_B08_T7C	
59283	ZM_094_A2_B08		ZM_094_A2_B08_MR
59284	ZM_094_A2_B09	ZM_094_A2_B09_T7C	
59285	ZM_094_A2_B09		ZM_094_A2_B09_MR
59286	ZM_094_A2_B10	ZM_094_A2_B10_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59287	ZM_094_A2_B10		ZM_094_A2_B10_MR
59288	ZM_094_A2_B11	ZM_094_A2_B11_T7C	
59289	ZM_094_A2_B11		ZM_094_A2_B11_MR
59290	ZM_094_A2_B12	ZM_094_A2_B12_T7C	
59291	ZM_094_A2_B12		ZM_094_A2_B12_MR
59292	ZM_094_A2_C01	ZM_094_A2_C01_T7C	
59293	ZM_094_A2_C01		ZM_094_A2_C01_MR
59294	ZM_094_A2_C02	ZM_094_A2_C02_T7C	
59295	ZM_094_A2_C02		ZM_094_A2_C02_MR
59296	ZM_094_A2_C03	ZM_094_A2_C03_T7C	
59297	ZM_094_A2_C03		ZM_094_A2_C03_MR
59298	ZM_094_A2_C04	ZM_094_A2_C04_T7C	
59299	ZM_094_A2_C04		ZM_094_A2_C04_MR
59300	ZM_094_A2_C05	ZM_094_A2_C05_T7C	
59301	ZM_094_A2_C05		ZM_094_A2_C05_MR
59302	ZM_094_A2_C06	ZM_094_A2_C06_T7C	
59303	ZM_094_A2_C06		ZM_094_A2_C06_MR
59304	ZM_094_A2_C07	ZM_094_A2_C07_T7C	
59305	ZM_094_A2_C07		ZM_094_A2_C07_MR
59306	ZM_094_A2_C08	ZM_094_A2_C08_T7C	
59307	ZM_094_A2_C08		ZM_094_A2_C08_MR
59308	ZM_094_A2_C09	ZM_094_A2_C09_T7C	
59309	ZM_094_A2_C09		ZM_094_A2_C09_MR
59310	ZM_094_A2_C10	ZM_094_A2_C10_T7C	
59311	ZM_094_A2_C10		ZM_094_A2_C10_MR
59312	ZM_094_A2_C11	ZM_094_A2_C11_T7C	
59313	ZM_094_A2_C11		ZM_094_A2_C11_MR
59314	ZM_094_A2_C12	ZM_094_A2_C12_T7C	
59315	ZM_094_A2_C12		ZM_094_A2_C12_MR
59316	ZM_094_A2_D01	ZM_094_A2_D01_T7C	
59317	ZM_094_A2_D01		ZM_094_A2_D01_MR
59318	ZM_094_A2_D02	ZM_094_A2_D02_T7C	
59319	ZM_094_A2_D02		ZM_094_A2_D02_MR
59320	ZM_094_A2_D03	ZM_094_A2_D03_T7C	
59321	ZM_094_A2_D03		ZM_094_A2_D03_MR
59322	ZM_094_A2_D04	ZM_094_A2_D04_T7C	
59323	ZM_094_A2_D04		ZM_094_A2_D04_MR
59324	ZM_094_A2_D05	ZM_094_A2_D05_T7C	
59325	ZM_094_A2_D05		ZM_094_A2_D05_MR
59326	ZM_094_A2_D06	ZM_094_A2_D06_T7C	
59327	ZM_094_A2_D06		ZM_094_A2_D06_MR
59328	ZM_094_A2_D07	ZM_094_A2_D07_T7C	
59329	ZM_094_A2_D07		ZM_094_A2_D07_MR
59330	ZM_094_A2_D08	ZM_094_A2_D08_T7C	
59331	ZM_094_A2_D08		ZM_094_A2_D08_MR
59332	ZM_094_A2_D10		ZM_094_A2_D10_MR
59333	ZM_094_A2_D11	ZM_094_A2_D11_T7C	
59334	ZM_094_A2_D11		ZM_094_A2_D11_MR
59335	ZM_094_A2_D12	ZM_094_A2_D12_T7C	
59336	ZM_094_A2_D12		ZM_094_A2_D12_MR
59337	ZM_094_A2_E01	ZM_094_A2_E01_T7C	
59338	ZM_094_A2_E01		ZM_094_A2_E01_MR
59339	ZM_094_A2_E02	ZM_094_A2_E02_T7C	
59340	ZM_094_A2_E02		ZM_094_A2_E02_MR
59341	ZM_094_A2_E03	ZM_094_A2_E03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59342	ZM_094_A2_E03		ZM_094_A2_E03_MR
59343	ZM_094_A2_E04	ZM_094_A2_E04_T7C	
59344	ZM_094_A2_E04		ZM_094_A2_E04_MR
59345	ZM_094_A2_E05		ZM_094_A2_E05_MR
59346	ZM_094_A2_E06	ZM_094_A2_E06_T7C	
59347	ZM_094_A2_E07	ZM_094_A2_E07_T7C	
59348	ZM_094_A2_E07		ZM_094_A2_E07_MR
59349	ZM_094_A2_E08	ZM_094_A2_E08_T7C	
59350	ZM_094_A2_E08		ZM_094_A2_E08_MR
59351	ZM_094_A2_E09	ZM_094_A2_E09_T7C	
59352	ZM_094_A2_E09		ZM_094_A2_E09_MR
59353	ZM_094_A2_E10	ZM_094_A2_E10_T7C	
59354	ZM_094_A2_E10		ZM_094_A2_E10_MR
59355	ZM_094_A2_E11	ZM_094_A2_E11_T7C	
59356	ZM_094_A2_E11		ZM_094_A2_E11_MR
59357	ZM_094_A2_E12	ZM_094_A2_E12_T7C	
59358	ZM_094_A2_E12		ZM_094_A2_E12_MR
59359	ZM_094_A2_F01	ZM_094_A2_F01_T7C	
59360	ZM_094_A2_F01		ZM_094_A2_F01_MR
59361	ZM_094_A2_F02	ZM_094_A2_F02_T7C	
59362	ZM_094_A2_F02		ZM_094_A2_F02_MR
59363	ZM_094_A2_F03	ZM_094_A2_F03_T7C	
59364	ZM_094_A2_F03		ZM_094_A2_F03_MR
59365	ZM_094_A2_F04	ZM_094_A2_F04_T7C	
59366	ZM_094_A2_F04		ZM_094_A2_F04_MR
59367	ZM_094_A2_F05		ZM_094_A2_F05_MR
59368	ZM_094_A2_F06	ZM_094_A2_F06_T7C	
59369	ZM_094_A2_F06		ZM_094_A2_F06_MR
59370	ZM_094_A2_F07	ZM_094_A2_F07_T7C	
59371	ZM_094_A2_F07		ZM_094_A2_F07_MR
59372	ZM_094_A2_F08	ZM_094_A2_F08_T7C	
59373	ZM_094_A2_F08		ZM_094_A2_F08_MR
59374	ZM_094_A2_F09	ZM_094_A2_F09_T7C	
59375	ZM_094_A2_F09		ZM_094_A2_F09_MR
59376	ZM_094_A2_F10	ZM_094_A2_F10_T7C	
59377	ZM_094_A2_F10		ZM_094_A2_F10_MR
59378	ZM_094_A2_F11	ZM_094_A2_F11_T7C	
59379	ZM_094_A2_F11		ZM_094_A2_F11_MR
59380	ZM_094_A2_F12	ZM_094_A2_F12_T7C	
59381	ZM_094_A2_F12		ZM_094_A2_F12_MR
59382	ZM_094_A2_G01	ZM_094_A2_G01_T7C	
59383	ZM_094_A2_G01		ZM_094_A2_G01_MR
59384	ZM_094_A2_G02		ZM_094_A2_G02_MR
59385	ZM_094_A2_G03		ZM_094_A2_G03_MR
59386	ZM_094_A2_G04	ZM_094_A2_G04_T7C	
59387	ZM_094_A2_G04		ZM_094_A2_G04_MR
59388	ZM_094_A2_G05	ZM_094_A2_G05_T7C	
59389	ZM_094_A2_G05		ZM_094_A2_G05_MR
59390	ZM_094_A2_G06	ZM_094_A2_G06_T7C	
59391	ZM_094_A2_G06		ZM_094_A2_G06_MR
59392	ZM_094_A2_G07	ZM_094_A2_G07_T7C	
59393	ZM_094_A2_G07		ZM_094_A2_G07_MR
59394	ZM_094_A2_G08	ZM_094_A2_G08_T7C	
59395	ZM_094_A2_G08		ZM_094_A2_G08_MR
59396	ZM_094_A2_G09	ZM_094_A2_G09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59397	ZM_094_A2_G09		ZM_094_A2_G09_MR
59398	ZM_094_A2_G10		ZM_094_A2_G10_MR
59399	ZM_094_A2_G11	ZM_094_A2_G11_T7C	
59400	ZM_094_A2_G11		ZM_094_A2_G11_MR
59401	ZM_094_A2_G12	ZM_094_A2_G12_T7C	
59402	ZM_094_A2_G12		ZM_094_A2_G12_MR
59403	ZM_094_A2_H01	ZM_094_A2_H01_T7C	
59404	ZM_094_A2_H01		ZM_094_A2_H01_MR
59405	ZM_094_A2_H02	ZM_094_A2_H02_T7C	
59406	ZM_094_A2_H02		ZM_094_A2_H02_MR
59407	ZM_094_A2_H03	ZM_094_A2_H03_T7C	
59408	ZM_094_A2_H03		ZM_094_A2_H03_MR
59409	ZM_094_A2_H04	ZM_094_A2_H04_T7C	
59410	ZM_094_A2_H04		ZM_094_A2_H04_MR
59411	ZM_094_A2_H06		ZM_094_A2_H06_MR
59412	ZM_094_A2_H07	ZM_094_A2_H07_T7C	
59413	ZM_094_A2_H07		ZM_094_A2_H07_MR
59414	ZM_094_A2_H08	ZM_094_A2_H08_T7C	
59415	ZM_094_A2_H08		ZM_094_A2_H08_MR
59416	ZM_094_A2_H09	ZM_094_A2_H09_T7C	
59417	ZM_094_A2_H09		ZM_094_A2_H09_MR
59418	ZM_094_A2_H10		ZM_094_A2_H10_MR
59419	ZM_094_A2_H11	ZM_094_A2_H11_T7C	
59420	ZM_094_A2_H11		ZM_094_A2_H11_MR
59421	ZM_094_A2_H12		ZM_094_A2_H12_MR
59422	ZM_096_A1_A01	ZM_096_A1_A01_T7C	
59423	ZM_096_A1_A02	ZM_096_A1_A02_T7C	
59424	ZM_096_A1_A03	ZM_096_A1_A03_T7C	
59425	ZM_096_A1_A04	ZM_096_A1_A04_T7C	
59426	ZM_096_A1_A05	ZM_096_A1_A05_T7C	
59427	ZM_096_A1_A05		ZM_096_A1_A05_MR
59428	ZM_096_A1_A06	ZM_096_A1_A06_T7C	
59429	ZM_096_A1_A07	ZM_096_A1_A07_T7C	
59430	ZM_096_A1_A07		ZM_096_A1_A07_MR
59431	ZM_096_A1_A08	ZM_096_A1_A08_T7C	
59432	ZM_096_A1_A09	ZM_096_A1_A09_T7C	
59433	ZM_096_A1_A10	ZM_096_A1_A10_T7C	
59434	ZM_096_A1_A11	ZM_096_A1_A11_T7C	
59435	ZM_096_A1_A12	ZM_096_A1_A12_T7C	
59436	ZM_096_A1_B01	ZM_096_A1_B01_T7C	
59437	ZM_096_A1_B01		ZM_096_A1_B01_MR
59438	ZM_096_A1_B02	ZM_096_A1_B02_T7C	
59439	ZM_096_A1_B02		ZM_096_A1_B02_MR
59440	ZM_096_A1_B03	ZM_096_A1_B03_T7C	
59441	ZM_096_A1_B04	ZM_096_A1_B04_T7C	
59442	ZM_096_A1_B04		ZM_096_A1_B04_MR
59443	ZM_096_A1_B05	ZM_096_A1_B05_T7C	
59444	ZM_096_A1_B06	ZM_096_A1_B06_T7C	
59445	ZM_096_A1_B07	ZM_096_A1_B07_T7C	
59446	ZM_096_A1_B08	ZM_096_A1_B08_T7C	
59447	ZM_096_A1_B08		ZM_096_A1_B08_MR
59448	ZM_096_A1_B09	ZM_096_A1_B09_T7C	
59449	ZM_096_A1_B10	ZM_096_A1_B10_T7C	
59450	ZM_096_A1_B10		ZM_096_A1_B10_MR
59451	ZM_096_A1_B11	ZM_096_A1_B11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59452	ZM_096_A1_B11		ZM_096_A1_B11_MR
59453	ZM_096_A1_B12	ZM_096_A1_B12_T7C	
59454	ZM_096_A1_B12		ZM_096_A1_B12_MR
59455	ZM_096_A1_C01	ZM_096_A1_C01_T7C	
59456	ZM_096_A1_C02	ZM_096_A1_C02_T7C	
59457	ZM_096_A1_C02		ZM_096_A1_C02_MR
59458	ZM_096_A1_C03	ZM_096_A1_C03_T7C	
59459	ZM_096_A1_C04	ZM_096_A1_C04_T7C	
59460	ZM_096_A1_C04		ZM_096_A1_C04_MR
59461	ZM_096_A1_C06	ZM_096_A1_C06_T7C	
59462	ZM_096_A1_C06		ZM_096_A1_C06_MR
59463	ZM_096_A1_C07	ZM_096_A1_C07_T7C	
59464	ZM_096_A1_C07		ZM_096_A1_C07_MR
59465	ZM_096_A1_C08	ZM_096_A1_C08_T7C	
59466	ZM_096_A1_C09	ZM_096_A1_C09_T7C	
59467	ZM_096_A1_C09		ZM_096_A1_C09_MR
59468	ZM_096_A1_C10	ZM_096_A1_C10_T7C	
59469	ZM_096_A1_C10		ZM_096_A1_C10_MR
59470	ZM_096_A1_C11	ZM_096_A1_C11_T7C	
59471	ZM_096_A1_C11		ZM_096_A1_C11_MR
59472	ZM_096_A1_C12		ZM_096_A1_C12_MR
59473	ZM_096_A1_D01	ZM_096_A1_D01_T7C	
59474	ZM_096_A1_D01		ZM_096_A1_D01_MR
59475	ZM_096_A1_D02	ZM_096_A1_D02_T7C	
59476	ZM_096_A1_D02		ZM_096_A1_D02_MR
59477	ZM_096_A1_D03	ZM_096_A1_D03_T7C	
59478	ZM_096_A1_D04	ZM_096_A1_D04_T7C	
59479	ZM_096_A1_D04		ZM_096_A1_D04_MR
59480	ZM_096_A1_D05	ZM_096_A1_D05_T7C	
59481	ZM_096_A1_D05		ZM_096_A1_D05_MR
59482	ZM_096_A1_D06	ZM_096_A1_D06_T7C	
59483	ZM_096_A1_D06		ZM_096_A1_D06_MR
59484	ZM_096_A1_D08	ZM_096_A1_D08_T7C	
59485	ZM_096_A1_D08		ZM_096_A1_D08_MR
59486	ZM_096_A1_D09	ZM_096_A1_D09_T7C	
59487	ZM_096_A1_D09		ZM_096_A1_D09_MR
59488	ZM_096_A1_D10	ZM_096_A1_D10_T7C	
59489	ZM_096_A1_D10		ZM_096_A1_D10_MR
59490	ZM_096_A1_D11	ZM_096_A1_D11_T7C	
59491	ZM_096_A1_D11		ZM_096_A1_D11_MR
59492	ZM_096_A1_D12	ZM_096_A1_D12_T7C	
59493	ZM_096_A1_E01	ZM_096_A1_E01_T7C	
59494	ZM_096_A1_E03	ZM_096_A1_E03_T7C	
59495	ZM_096_A1_E04	ZM_096_A1_E04_T7C	
59496	ZM_096_A1_E04		ZM_096_A1_E04_MR
59497	ZM_096_A1_E05	ZM_096_A1_E05_T7C	
59498	ZM_096_A1_E05		ZM_096_A1_E05_MR
59499	ZM_096_A1_E06	ZM_096_A1_E06_T7C	
59500	ZM_096_A1_E06		ZM_096_A1_E06_MR
59501	ZM_096_A1_E07	ZM_096_A1_E07_T7C	
59502	ZM_096_A1_E08	ZM_096_A1_E08_T7C	
59503	ZM_096_A1_E08		ZM_096_A1_E08_MR
59504	ZM_096_A1_E09	ZM_096_A1_E09_T7C	
59505	ZM_096_A1_E10	ZM_096_A1_E10_T7C	
59506	ZM_096_A1_E10		ZM_096_A1_E10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59507	ZM_096_A1_E11	ZM_096_A1_E11_T7C	
59508	ZM_096_A1_E11		ZM_096_A1_E11_MR
59509	ZM_096_A1_E12	ZM_096_A1_E12_T7C	
59510	ZM_096_A1_F01	ZM_096_A1_F01_T7C	
59511	ZM_096_A1_F01		ZM_096_A1_F01_MR
59512	ZM_096_A1_F02	ZM_096_A1_F02_T7C	
59513	ZM_096_A1_F03	ZM_096_A1_F03_T7C	
59514	ZM_096_A1_F04	ZM_096_A1_F04_T7C	
59515	ZM_096_A1_F05	ZM_096_A1_F05_T7C	
59516	ZM_096_A1_F05		ZM_096_A1_F05_MR
59517	ZM_096_A1_F06	ZM_096_A1_F06_T7C	
59518	ZM_096_A1_F07	ZM_096_A1_F07_T7C	
59519	ZM_096_A1_F07		ZM_096_A1_F07_MR
59520	ZM_096_A1_F08	ZM_096_A1_F08_T7C	
59521	ZM_096_A1_F08		ZM_096_A1_F08_MR
59522	ZM_096_A1_F09	ZM_096_A1_F09_T7C	
59523	ZM_096_A1_F10	ZM_096_A1_F10_T7C	
59524	ZM_096_A1_F10		ZM_096_A1_F10_MR
59525	ZM_096_A1_F11	ZM_096_A1_F11_T7C	
59526	ZM_096_A1_F12	ZM_096_A1_F12_T7C	
59527	ZM_096_A1_F12		ZM_096_A1_F12_MR
59528	ZM_096_A1_G01	ZM_096_A1_G01_T7C	
59529	ZM_096_A1_G01		ZM_096_A1_G01_MR
59530	ZM_096_A1_G02	ZM_096_A1_G02_T7C	
59531	ZM_096_A1_G02		ZM_096_A1_G02_MR
59532	ZM_096_A1_G03	ZM_096_A1_G03_T7C	
59533	ZM_096_A1_G05	ZM_096_A1_G05_T7C	
59534	ZM_096_A1_G06	ZM_096_A1_G06_T7C	
59535	ZM_096_A1_G06		ZM_096_A1_G06_MR
59536	ZM_096_A1_G07	ZM_096_A1_G07_T7C	
59537	ZM_096_A1_G08	ZM_096_A1_G08_T7C	
59538	ZM_096_A1_G08		ZM_096_A1_G08_MR
59539	ZM_096_A1_G10	ZM_096_A1_G10_T7C	
59540	ZM_096_A1_G11	ZM_096_A1_G11_T7C	
59541	ZM_096_A1_G11		ZM_096_A1_G11_MR
59542	ZM_096_A1_G12	ZM_096_A1_G12_T7C	
59543	ZM_096_A1_H01	ZM_096_A1_H01_T7C	
59544	ZM_096_A1_H01		ZM_096_A1_H01_MR
59545	ZM_096_A1_H02	ZM_096_A1_H02_T7C	
59546	ZM_096_A1_H03	ZM_096_A1_H03_T7C	
59547	ZM_096_A1_H03		ZM_096_A1_H03_MR
59548	ZM_096_A1_H04	ZM_096_A1_H04_T7C	
59549	ZM_096_A1_H04		ZM_096_A1_H04_MR
59550	ZM_096_A1_H05	ZM_096_A1_H05_T7C	
59551	ZM_096_A1_H06	ZM_096_A1_H06_T7C	
59552	ZM_096_A1_H07	ZM_096_A1_H07_T7C	
59553	ZM_096_A1_H07		ZM_096_A1_H07_MR
59554	ZM_096_A1_H08	ZM_096_A1_H08_T7C	
59555	ZM_096_A1_H10	ZM_096_A1_H10_T7C	
59556	ZM_096_A1_H11	ZM_096_A1_H11_T7C	
59557	ZM_096_B1_A02	ZM_096_B1_A02_T7C	
59558	ZM_096_B1_A02		ZM_096_B1_A02_MR
59559	ZM_096_B1_A03	ZM_096_B1_A03_T7C	
59560	ZM_096_B1_A03		ZM_096_B1_A03_MR
59561	ZM_096_B1_A04	ZM_096_B1_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59562	ZM_096_B1_A04		ZM_096_B1_A04_MR
59563	ZM_096_B1_A05	ZM_096_B1_A05_T7C	
59564	ZM_096_B1_A06	ZM_096_B1_A06_T7C	
59565	ZM_096_B1_A06		ZM_096_B1_A06_MR
59566	ZM_096_B1_A07	ZM_096_B1_A07_T7C	
59567	ZM_096_B1_A07		ZM_096_B1_A07_MR
59568	ZM_096_B1_A08	ZM_096_B1_A08_T7C	
59569	ZM_096_B1_A08		ZM_096_B1_A08_MR
59570	ZM_096_B1_A09	ZM_096_B1_A09_T7C	
59571	ZM_096_B1_A09		ZM_096_B1_A09_MR
59572	ZM_096_B1_A10	ZM_096_B1_A10_T7C	
59573	ZM_096_B1_A11	ZM_096_B1_A11_T7C	
59574	ZM_096_B1_A11		ZM_096_B1_A11_MR
59575	ZM_096_B1_B01	ZM_096_B1_B01_T7C	
59576	ZM_096_B1_B01		ZM_096_B1_B01_MR
59577	ZM_096_B1_B02	ZM_096_B1_B02_T7C	
59578	ZM_096_B1_B02		ZM_096_B1_B02_MR
59579	ZM_096_B1_B03	ZM_096_B1_B03_T7C	
59580	ZM_096_B1_B03		ZM_096_B1_B03_MR
59581	ZM_096_B1_B04	ZM_096_B1_B04_T7C	
59582	ZM_096_B1_B05	ZM_096_B1_B05_T7C	
59583	ZM_096_B1_B05		ZM_096_B1_B05_MR
59584	ZM_096_B1_B06	ZM_096_B1_B06_T7C	
59585	ZM_096_B1_B06		ZM_096_B1_B06_MR
59586	ZM_096_B1_B07	ZM_096_B1_B07_T7C	
59587	ZM_096_B1_B07		ZM_096_B1_B07_MR
59588	ZM_096_B1_B08	ZM_096_B1_B08_T7C	
59589	ZM_096_B1_B08		ZM_096_B1_B08_MR
59590	ZM_096_B1_B09	ZM_096_B1_B09_T7C	
59591	ZM_096_B1_B09		ZM_096_B1_B09_MR
59592	ZM_096_B1_B10	ZM_096_B1_B10_T7C	
59593	ZM_096_B1_B10		ZM_096_B1_B10_MR
59594	ZM_096_B1_B11	ZM_096_B1_B11_T7C	
59595	ZM_096_B1_B12	ZM_096_B1_B12_T7C	
59596	ZM_096_B1_B12		ZM_096_B1_B12_MR
59597	ZM_096_B1_C01	ZM_096_B1_C01_T7C	
59598	ZM_096_B1_C01		ZM_096_B1_C01_MR
59599	ZM_096_B1_C02	ZM_096_B1_C02_T7C	
59600	ZM_096_B1_C02		ZM_096_B1_C02_MR
59601	ZM_096_B1_C03	ZM_096_B1_C03_T7C	
59602	ZM_096_B1_C03		ZM_096_B1_C03_MR
59603	ZM_096_B1_C04	ZM_096_B1_C04_T7C	
59604	ZM_096_B1_C04		ZM_096_B1_C04_MR
59605	ZM_096_B1_C05	ZM_096_B1_C05_T7C	
59606	ZM_096_B1_C05		ZM_096_B1_C05_MR
59607	ZM_096_B1_C06	ZM_096_B1_C06_T7C	
59608	ZM_096_B1_C06		ZM_096_B1_C06_MR
59609	ZM_096_B1_C07	ZM_096_B1_C07_T7C	
59610	ZM_096_B1_C07		ZM_096_B1_C07_MR
59611	ZM_096_B1_C08	ZM_096_B1_C08_T7C	
59612	ZM_096_B1_C08		ZM_096_B1_C08_MR
59613	ZM_096_B1_C09	ZM_096_B1_C09_T7C	
59614	ZM_096_B1_C09		ZM_096_B1_C09_MR
59615	ZM_096_B1_C10	ZM_096_B1_C10_T7C	
59616	ZM_096_B1_C10		ZM_096_B1_C10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59617	ZM_096_B1_C11	ZM_096_B1_C11_T7C	
59618	ZM_096_B1_C11		ZM_096_B1_C11_MR
59619	ZM_096_B1_C12		ZM_096_B1_C12_MR
59620	ZM_096_B1_D01	ZM_096_B1_D01_T7C	
59621	ZM_096_B1_D01		ZM_096_B1_D01_MR
59622	ZM_096_B1_D02	ZM_096_B1_D02_T7C	
59623	ZM_096_B1_D02		ZM_096_B1_D02_MR
59624	ZM_096_B1_D03	ZM_096_B1_D03_T7C	
59625	ZM_096_B1_D03		ZM_096_B1_D03_MR
59626	ZM_096_B1_D04	ZM_096_B1_D04_T7C	
59627	ZM_096_B1_D04		ZM_096_B1_D04_MR
59628	ZM_096_B1_D05	ZM_096_B1_D05_T7C	
59629	ZM_096_B1_D05		ZM_096_B1_D05_MR
59630	ZM_096_B1_D06		ZM_096_B1_D06_MR
59631	ZM_096_B1_D07	ZM_096_B1_D07_T7C	
59632	ZM_096_B1_D07		ZM_096_B1_D07_MR
59633	ZM_096_B1_D08	ZM_096_B1_D08_T7C	
59634	ZM_096_B1_D08		ZM_096_B1_D08_MR
59635	ZM_096_B1_D09	ZM_096_B1_D09_T7C	
59636	ZM_096_B1_D09		ZM_096_B1_D09_MR
59637	ZM_096_B1_D10	ZM_096_B1_D10_T7C	
59638	ZM_096_B1_D10		ZM_096_B1_D10_MR
59639	ZM_096_B1_D11	ZM_096_B1_D11_T7C	
59640	ZM_096_B1_D11		ZM_096_B1_D11_MR
59641	ZM_096_B1_D12	ZM_096_B1_D12_T7C	
59642	ZM_096_B1_D12		ZM_096_B1_D12_MR
59643	ZM_096_B1_E01	ZM_096_B1_E01_T7C	
59644	ZM_096_B1_E01		ZM_096_B1_E01_MR
59645	ZM_096_B1_E02	ZM_096_B1_E02_T7C	
59646	ZM_096_B1_E02		ZM_096_B1_E02_MR
59647	ZM_096_B1_E04	ZM_096_B1_E04_T7C	
59648	ZM_096_B1_E05	ZM_096_B1_E05_T7C	
59649	ZM_096_B1_E05		ZM_096_B1_E05_MR
59650	ZM_096_B1_E06	ZM_096_B1_E06_T7C	
59651	ZM_096_B1_E07	ZM_096_B1_E07_T7C	
59652	ZM_096_B1_E07		ZM_096_B1_E07_MR
59653	ZM_096_B1_E08	ZM_096_B1_E08_T7C	
59654	ZM_096_B1_E08		ZM_096_B1_E08_MR
59655	ZM_096_B1_E09	ZM_096_B1_E09_T7C	
59656	ZM_096_B1_E10	ZM_096_B1_E10_T7C	
59657	ZM_096_B1_E10		ZM_096_B1_E10_MR
59658	ZM_096_B1_E11	ZM_096_B1_E11_T7C	
59659	ZM_096_B1_E11		ZM_096_B1_E11_MR
59660	ZM_096_B1_E12		ZM_096_B1_E12_MR
59661	ZM_096_B1_F01	ZM_096_B1_F01_T7C	
59662	ZM_096_B1_F01		ZM_096_B1_F01_MR
59663	ZM_096_B1_F04	ZM_096_B1_F04_T7C	
59664	ZM_096_B1_F04		ZM_096_B1_F04_MR
59665	ZM_096_B1_F05	ZM_096_B1_F05_T7C	
59666	ZM_096_B1_F06		ZM_096_B1_F06_MR
59667	ZM_096_B1_F07	ZM_096_B1_F07_T7C	
59668	ZM_096_B1_F07		ZM_096_B1_F07_MR
59669	ZM_096_B1_F08	ZM_096_B1_F08_T7C	
59670	ZM_096_B1_F08		ZM_096_B1_F08_MR
59671	ZM_096_B1_F09	ZM_096_B1_F09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59672	ZM_096_B1_F10	ZM_096_B1_F10_T7C	
59673	ZM_096_B1_F11	ZM_096_B1_F11_T7C	
59674	ZM_096_B1_F11		ZM_096_B1_F11_MR
59675	ZM_096_B1_F12	ZM_096_B1_F12_T7C	
59676	ZM_096_B1_G01	ZM_096_B1_G01_T7C	
59677	ZM_096_B1_G02	ZM_096_B1_G02_T7C	
59678	ZM_096_B1_G02		ZM_096_B1_G02_MR
59679	ZM_096_B1_G04	ZM_096_B1_G04_T7C	
59680	ZM_096_B1_G04		ZM_096_B1_G04_MR
59681	ZM_096_B1_G05	ZM_096_B1_G05_T7C	
59682	ZM_096_B1_G05		ZM_096_B1_G05_MR
59683	ZM_096_B1_G06		ZM_096_B1_G06_MR
59684	ZM_096_B1_G07	ZM_096_B1_G07_T7C	
59685	ZM_096_B1_G07		ZM_096_B1_G07_MR
59686	ZM_096_B1_G08	ZM_096_B1_G08_T7C	
59687	ZM_096_B1_G08		ZM_096_B1_G08_MR
59688	ZM_096_B1_G09	ZM_096_B1_G09_T7C	
59689	ZM_096_B1_G09		ZM_096_B1_G09_MR
59690	ZM_096_B1_G10	ZM_096_B1_G10_T7C	
59691	ZM_096_B1_G10		ZM_096_B1_G10_MR
59692	ZM_096_B1_G11	ZM_096_B1_G11_T7C	
59693	ZM_096_B1_G11		ZM_096_B1_G11_MR
59694	ZM_096_B1_G12	ZM_096_B1_G12_T7C	
59695	ZM_096_B1_H01	ZM_096_B1_H01_T7C	
59696	ZM_096_B1_H01		ZM_096_B1_H01_MR
59697	ZM_096_B1_H02		ZM_096_B1_H02_MR
59698	ZM_096_B1_H03	ZM_096_B1_H03_T7C	
59699	ZM_096_B1_H03		ZM_096_B1_H03_MR
59700	ZM_096_B1_H04	ZM_096_B1_H04_T7C	
59701	ZM_096_B1_H04		ZM_096_B1_H04_MR
59702	ZM_096_B1_H05	ZM_096_B1_H05_T7C	
59703	ZM_096_B1_H05		ZM_096_B1_H05_MR
59704	ZM_096_B1_H06	ZM_096_B1_H06_T7C	
59705	ZM_096_B1_H06		ZM_096_B1_H06_MR
59706	ZM_096_B1_H07	ZM_096_B1_H07_T7C	
59707	ZM_096_B1_H07		ZM_096_B1_H07_MR
59708	ZM_096_B1_H08	ZM_096_B1_H08_T7C	
59709	ZM_096_B1_H08		ZM_096_B1_H08_MR
59710	ZM_096_B1_H09		ZM_096_B1_H09_MR
59711	ZM_096_B1_H10	ZM_096_B1_H10_T7C	
59712	ZM_096_B1_H10		ZM_096_B1_H10_MR
59713	ZM_096_B1_H11	ZM_096_B1_H11_T7C	
59714	ZM_096_B1_H11		ZM_096_B1_H11_MR
59715	ZM_096_B1_H12	ZM_096_B1_H12_T7C	
59716	ZM_096_B1_H12		ZM_096_B1_H12_MR
59717	ZM_097_A1_A01		ZM_097_A1_A01_MR
59718	ZM_097_A1_A03		ZM_097_A1_A03_MR
59719	ZM_097_A1_A05		ZM_097_A1_A05_MR
59720	ZM_097_A1_A06		ZM_097_A1_A06_MR
59721	ZM_097_A1_A07		ZM_097_A1_A07_MR
59722	ZM_097_A1_A08		ZM_097_A1_A08_MR
59723	ZM_097_A1_A09		ZM_097_A1_A09_MR
59724	ZM_097_A1_A10		ZM_097_A1_A10_MR
59725	ZM_097_A1_A11		ZM_097_A1_A11_MR
59726	ZM_097_A1_B01		ZM_097_A1_B01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59727	ZM_097_A1_B02		ZM_097_A1_B02_MR
59728	ZM_097_A1_B03		ZM_097_A1_B03_MR
59729	ZM_097_A1_B04		ZM_097_A1_B04_MR
59730	ZM_097_A1_B05		ZM_097_A1_B05_MR
59731	ZM_097_A1_B06		ZM_097_A1_B06_MR
59732	ZM_097_A1_B07		ZM_097_A1_B07_MR
59733	ZM_097_A1_B08		ZM_097_A1_B08_MR
59734	ZM_097_A1_B09		ZM_097_A1_B09_MR
59735	ZM_097_A1_B10		ZM_097_A1_B10_MR
59736	ZM_097_A1_B11		ZM_097_A1_B11_MR
59737	ZM_097_A1_B12		ZM_097_A1_B12_MR
59738	ZM_097_A1_C01		ZM_097_A1_C01_MR
59739	ZM_097_A1_C02		ZM_097_A1_C02_MR
59740	ZM_097_A1_C03		ZM_097_A1_C03_MR
59741	ZM_097_A1_C04		ZM_097_A1_C04_MR
59742	ZM_097_A1_C05		ZM_097_A1_C05_MR
59743	ZM_097_A1_C06		ZM_097_A1_C06_MR
59744	ZM_097_A1_C07		ZM_097_A1_C07_MR
59745	ZM_097_A1_C08		ZM_097_A1_C08_MR
59746	ZM_097_A1_C09		ZM_097_A1_C09_MR
59747	ZM_097_A1_C10		ZM_097_A1_C10_MR
59748	ZM_097_A1_C11		ZM_097_A1_C11_MR
59749	ZM_097_A1_C12		ZM_097_A1_C12_MR
59750	ZM_097_A1_D01		ZM_097_A1_D01_MR
59751	ZM_097_A1_D02		ZM_097_A1_D02_MR
59752	ZM_097_A1_D03		ZM_097_A1_D03_MR
59753	ZM_097_A1_D04		ZM_097_A1_D04_MR
59754	ZM_097_A1_D05		ZM_097_A1_D05_MR
59755	ZM_097_A1_D06		ZM_097_A1_D06_MR
59756	ZM_097_A1_D07		ZM_097_A1_D07_MR
59757	ZM_097_A1_D08		ZM_097_A1_D08_MR
59758	ZM_097_A1_D09		ZM_097_A1_D09_MR
59759	ZM_097_A1_D10		ZM_097_A1_D10_MR
59760	ZM_097_A1_D11		ZM_097_A1_D11_MR
59761	ZM_097_A1_D12		ZM_097_A1_D12_MR
59762	ZM_097_A1_E01		ZM_097_A1_E01_MR
59763	ZM_097_A1_E02		ZM_097_A1_E02_MR
59764	ZM_097_A1_E03		ZM_097_A1_E03_MR
59765	ZM_097_A1_E04		ZM_097_A1_E04_MR
59766	ZM_097_A1_E05		ZM_097_A1_E05_MR
59767	ZM_097_A1_E06		ZM_097_A1_E06_MR
59768	ZM_097_A1_E07		ZM_097_A1_E07_MR
59769	ZM_097_A1_E08		ZM_097_A1_E08_MR
59770	ZM_097_A1_E09		ZM_097_A1_E09_MR
59771	ZM_097_A1_E10		ZM_097_A1_E10_MR
59772	ZM_097_A1_E11		ZM_097_A1_E11_MR
59773	ZM_097_A1_E12		ZM_097_A1_E12_MR
59774	ZM_097_A1_F01		ZM_097_A1_F01_MR
59775	ZM_097_A1_F02		ZM_097_A1_F02_MR
59776	ZM_097_A1_F03		ZM_097_A1_F03_MR
59777	ZM_097_A1_F04		ZM_097_A1_F04_MR
59778	ZM_097_A1_F05		ZM_097_A1_F05_MR
59779	ZM_097_A1_F06		ZM_097_A1_F06_MR
59780	ZM_097_A1_F07		ZM_097_A1_F07_MR
59781	ZM_097_A1_F08		ZM_097_A1_F08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59782	ZM_097_A1_F09		ZM_097_A1_F09_MR
59783	ZM_097_A1_F10		ZM_097_A1_F10_MR
59784	ZM_097_A1_F11		ZM_097_A1_F11_MR
59785	ZM_097_A1_G01		ZM_097_A1_G01_MR
59786	ZM_097_A1_G02		ZM_097_A1_G02_MR
59787	ZM_097_A1_G03		ZM_097_A1_G03_MR
59788	ZM_097_A1_G04		ZM_097_A1_G04_MR
59789	ZM_097_A1_G05		ZM_097_A1_G05_MR
59790	ZM_097_A1_G06		ZM_097_A1_G06_MR
59791	ZM_097_A1_G07		ZM_097_A1_G07_MR
59792	ZM_097_A1_G08		ZM_097_A1_G08_MR
59793	ZM_097_A1_G09		ZM_097_A1_G09_MR
59794	ZM_097_A1_G10		ZM_097_A1_G10_MR
59795	ZM_097_A1_G11		ZM_097_A1_G11_MR
59796	ZM_097_A1_G12		ZM_097_A1_G12_MR
59797	ZM_097_A1_H01		ZM_097_A1_H01_MR
59798	ZM_097_A1_H02		ZM_097_A1_H02_MR
59799	ZM_097_A1_H03		ZM_097_A1_H03_MR
59800	ZM_097_A1_H04		ZM_097_A1_H04_MR
59801	ZM_097_A1_H05		ZM_097_A1_H05_MR
59802	ZM_097_A1_H06		ZM_097_A1_H06_MR
59803	ZM_097_A1_H07		ZM_097_A1_H07_MR
59804	ZM_097_A1_H08		ZM_097_A1_H08_MR
59805	ZM_097_A1_H09		ZM_097_A1_H09_MR
59806	ZM_097_A1_H10		ZM_097_A1_H10_MR
59807	ZM_097_A1_H11		ZM_097_A1_H11_MR
59808	ZM_097_A1_H12		ZM_097_A1_H12_MR
59809	ZM_097_A2_A03	ZM_097_A2_A03_T7C	
59810	ZM_097_A2_A04	ZM_097_A2_A04_T7C	
59811	ZM_097_A2_A05	ZM_097_A2_A05_T7C	
59812	ZM_097_A2_A07	ZM_097_A2_A07_T7C	
59813	ZM_097_A2_A08	ZM_097_A2_A08_T7C	
59814	ZM_097_A2_A10	ZM_097_A2_A10_T7C	
59815	ZM_097_A2_A11	ZM_097_A2_A11_T7C	
59816	ZM_097_A2_A12	ZM_097_A2_A12_T7C	
59817	ZM_097_A2_B01	ZM_097_A2_B01_T7C	
59818	ZM_097_A2_B02	ZM_097_A2_B02_T7C	
59819	ZM_097_A2_B03	ZM_097_A2_B03_T7C	
59820	ZM_097_A2_B04	ZM_097_A2_B04_T7C	
59821	ZM_097_A2_B05	ZM_097_A2_B05_T7C	
59822	ZM_097_A2_B06	ZM_097_A2_B06_T7C	
59823	ZM_097_A2_B07	ZM_097_A2_B07_T7C	
59824	ZM_097_A2_B08	ZM_097_A2_B08_T7C	
59825	ZM_097_A2_B10	ZM_097_A2_B10_T7C	
59826	ZM_097_A2_B11	ZM_097_A2_B11_T7C	
59827	ZM_097_A2_B12	ZM_097_A2_B12_T7C	
59828	ZM_097_A2_C02	ZM_097_A2_C02_T7C	
59829	ZM_097_A2_C04	ZM_097_A2_C04_T7C	
59830	ZM_097_A2_C05	ZM_097_A2_C05_T7C	
59831	ZM_097_A2_C07	ZM_097_A2_C07_T7C	
59832	ZM_097_A2_C08	ZM_097_A2_C08_T7C	
59833	ZM_097_A2_C10	ZM_097_A2_C10_T7C	
59834	ZM_097_A2_C11	ZM_097_A2_C11_T7C	
59835	ZM_097_A2_C12	ZM_097_A2_C12_T7C	
59836	ZM_097_A2_D01	ZM_097_A2_D01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59837	ZM_097_A2_D03	ZM_097_A2_D03_T7C	
59838	ZM_097_A2_D04	ZM_097_A2_D04_T7C	
59839	ZM_097_A2_D05	ZM_097_A2_D05_T7C	
59840	ZM_097_A2_D06	ZM_097_A2_D06_T7C	
59841	ZM_097_A2_D07	ZM_097_A2_D07_T7C	
59842	ZM_097_A2_D08	ZM_097_A2_D08_T7C	
59843	ZM_097_A2_D09	ZM_097_A2_D09_T7C	
59844	ZM_097_A2_D10	ZM_097_A2_D10_T7C	
59845	ZM_097_A2_D11	ZM_097_A2_D11_T7C	
59846	ZM_097_A2_D12	ZM_097_A2_D12_T7C	
59847	ZM_097_A2_E01	ZM_097_A2_E01_T7C	
59848	ZM_097_A2_E02	ZM_097_A2_E02_T7C	
59849	ZM_097_A2_E04	ZM_097_A2_E04_T7C	
59850	ZM_097_A2_E06	ZM_097_A2_E06_T7C	
59851	ZM_097_A2_E07	ZM_097_A2_E07_T7C	
59852	ZM_097_A2_E11	ZM_097_A2_E11_T7C	
59853	ZM_097_A2_F01	ZM_097_A2_F01_T7C	
59854	ZM_097_A2_F02	ZM_097_A2_F02_T7C	
59855	ZM_097_A2_F03	ZM_097_A2_F03_T7C	
59856	ZM_097_A2_F04	ZM_097_A2_F04_T7C	
59857	ZM_097_A2_F07	ZM_097_A2_F07_T7C	
59858	ZM_097_A2_F08	ZM_097_A2_F08_T7C	
59859	ZM_097_A2_F10	ZM_097_A2_F10_T7C	
59860	ZM_097_A2_F11	ZM_097_A2_F11_T7C	
59861	ZM_097_A2_F12	ZM_097_A2_F12_T7C	
59862	ZM_097_A2_G01	ZM_097_A2_G01_T7C	
59863	ZM_097_A2_G04	ZM_097_A2_G04_T7C	
59864	ZM_097_A2_G06	ZM_097_A2_G06_T7C	
59865	ZM_097_A2_G09	ZM_097_A2_G09_T7C	
59866	ZM_097_A2_G11	ZM_097_A2_G11_T7C	
59867	ZM_097_A2_G12	ZM_097_A2_G12_T7C	
59868	ZM_097_A2_H01	ZM_097_A2_H01_T7C	
59869	ZM_097_A2_H02	ZM_097_A2_H02_T7C	
59870	ZM_097_A2_H03	ZM_097_A2_H03_T7C	
59871	ZM_097_A2_H04	ZM_097_A2_H04_T7C	
59872	ZM_097_A2_H05	ZM_097_A2_H05_T7C	
59873	ZM_097_A2_H06	ZM_097_A2_H06_T7C	
59874	ZM_097_A2_H07	ZM_097_A2_H07_T7C	
59875	ZM_097_A2_H08	ZM_097_A2_H08_T7C	
59876	ZM_097_A2_H10	ZM_097_A2_H10_T7C	
59877	ZM_097_A2_H11	ZM_097_A2_H11_T7C	
59878	ZM_097_A2_H12	ZM_097_A2_H12_T7C	
59879	ZM_097_B1_A02	ZM_097_B1_A02_T7C	
59880	ZM_097_B1_A02		ZM_097_B1_A02_MR
59881	ZM_097_B1_A03		ZM_097_B1_A03_MR
59882	ZM_097_B1_A05	ZM_097_B1_A05_T7C	
59883	ZM_097_B1_A05		ZM_097_B1_A05_MR
59884	ZM_097_B1_A06	ZM_097_B1_A06_T7C	
59885	ZM_097_B1_A06		ZM_097_B1_A06_MR
59886	ZM_097_B1_A07	ZM_097_B1_A07_T7C	
59887	ZM_097_B1_A07		ZM_097_B1_A07_MR
59888	ZM_097_B1_A08	ZM_097_B1_A08_T7C	
59889	ZM_097_B1_A08		ZM_097_B1_A08_MR
59890	ZM_097_B1_A09	ZM_097_B1_A09_T7C	
59891	ZM_097_B1_A09		ZM_097_B1_A09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59892	ZM_097_B1_A10	ZM_097_B1_A10_T7C	
59893	ZM_097_B1_A10		ZM_097_B1_A10_MR
59894	ZM_097_B1_A11	ZM_097_B1_A11_T7C	
59895	ZM_097_B1_A11		ZM_097_B1_A11_MR
59896	ZM_097_B1_A12		ZM_097_B1_A12_MR
59897	ZM_097_B1_B01	ZM_097_B1_B01_T7C	
59898	ZM_097_B1_B01		ZM_097_B1_B01_MR
59899	ZM_097_B1_B02	ZM_097_B1_B02_T7C	
59900	ZM_097_B1_B02		ZM_097_B1_B02_MR
59901	ZM_097_B1_B03	ZM_097_B1_B03_T7C	
59902	ZM_097_B1_B03		ZM_097_B1_B03_MR
59903	ZM_097_B1_B04	ZM_097_B1_B04_T7C	
59904	ZM_097_B1_B04		ZM_097_B1_B04_MR
59905	ZM_097_B1_B05	ZM_097_B1_B05_T7C	
59906	ZM_097_B1_B05		ZM_097_B1_B05_MR
59907	ZM_097_B1_B06	ZM_097_B1_B06_T7C	
59908	ZM_097_B1_B06		ZM_097_B1_B06_MR
59909	ZM_097_B1_B07	ZM_097_B1_B07_T7C	
59910	ZM_097_B1_B07		ZM_097_B1_B07_MR
59911	ZM_097_B1_B08	ZM_097_B1_B08_T7C	
59912	ZM_097_B1_B08		ZM_097_B1_B08_MR
59913	ZM_097_B1_B09	ZM_097_B1_B09_T7C	
59914	ZM_097_B1_B09		ZM_097_B1_B09_MR
59915	ZM_097_B1_B10	ZM_097_B1_B10_T7C	
59916	ZM_097_B1_B10		ZM_097_B1_B10_MR
59917	ZM_097_B1_B11	ZM_097_B1_B11_T7C	
59918	ZM_097_B1_B11		ZM_097_B1_B11_MR
59919	ZM_097_B1_B12	ZM_097_B1_B12_T7C	
59920	ZM_097_B1_B12		ZM_097_B1_B12_MR
59921	ZM_097_B1_C01	ZM_097_B1_C01_T7C	
59922	ZM_097_B1_C01		ZM_097_B1_C01_MR
59923	ZM_097_B1_C02	ZM_097_B1_C02_T7C	
59924	ZM_097_B1_C02		ZM_097_B1_C02_MR
59925	ZM_097_B1_C03	ZM_097_B1_C03_T7C	
59926	ZM_097_B1_C03		ZM_097_B1_C03_MR
59927	ZM_097_B1_C04	ZM_097_B1_C04_T7C	
59928	ZM_097_B1_C04		ZM_097_B1_C04_MR
59929	ZM_097_B1_C05	ZM_097_B1_C05_T7C	
59930	ZM_097_B1_C05		ZM_097_B1_C05_MR
59931	ZM_097_B1_C06		ZM_097_B1_C06_MR
59932	ZM_097_B1_C07	ZM_097_B1_C07_T7C	
59933	ZM_097_B1_C07		ZM_097_B1_C07_MR
59934	ZM_097_B1_C08	ZM_097_B1_C08_T7C	
59935	ZM_097_B1_C08		ZM_097_B1_C08_MR
59936	ZM_097_B1_C09	ZM_097_B1_C09_T7C	
59937	ZM_097_B1_C09		ZM_097_B1_C09_MR
59938	ZM_097_B1_C10	ZM_097_B1_C10_T7C	
59939	ZM_097_B1_C10		ZM_097_B1_C10_MR
59940	ZM_097_B1_C11	ZM_097_B1_C11_T7C	
59941	ZM_097_B1_C11		ZM_097_B1_C11_MR
59942	ZM_097_B1_C12	ZM_097_B1_C12_T7C	
59943	ZM_097_B1_C12		ZM_097_B1_C12_MR
59944	ZM_097_B1_D01	ZM_097_B1_D01_T7C	
59945	ZM_097_B1_D01		ZM_097_B1_D01_MR
59946	ZM_097_B1_D02	ZM_097_B1_D02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
59947	ZM_097_B1_D02		ZM_097_B1_D02_MR
59948	ZM_097_B1_D03	ZM_097_B1_D03_T7C	
59949	ZM_097_B1_D03		ZM_097_B1_D03_MR
59950	ZM_097_B1_D04	ZM_097_B1_D04_T7C	
59951	ZM_097_B1_D04		ZM_097_B1_D04_MR
59952	ZM_097_B1_D06	ZM_097_B1_D06_T7C	
59953	ZM_097_B1_D06		ZM_097_B1_D06_MR
59954	ZM_097_B1_D07	ZM_097_B1_D07_T7C	
59955	ZM_097_B1_D07		ZM_097_B1_D07_MR
59956	ZM_097_B1_D08	ZM_097_B1_D08_T7C	
59957	ZM_097_B1_D08		ZM_097_B1_D08_MR
59958	ZM_097_B1_D09	ZM_097_B1_D09_T7C	
59959	ZM_097_B1_D09		ZM_097_B1_D09_MR
59960	ZM_097_B1_D10	ZM_097_B1_D10_T7C	
59961	ZM_097_B1_D11	ZM_097_B1_D11_T7C	
59962	ZM_097_B1_D11		ZM_097_B1_D11_MR
59963	ZM_097_B1_D12	ZM_097_B1_D12_T7C	
59964	ZM_097_B1_D12		ZM_097_B1_D12_MR
59965	ZM_097_B1_E01	ZM_097_B1_E01_T7C	
59966	ZM_097_B1_E01		ZM_097_B1_E01_MR
59967	ZM_097_B1_E02	ZM_097_B1_E02_T7C	
59968	ZM_097_B1_E02		ZM_097_B1_E02_MR
59969	ZM_097_B1_E04	ZM_097_B1_E04_T7C	
59970	ZM_097_B1_E04		ZM_097_B1_E04_MR
59971	ZM_097_B1_E05	ZM_097_B1_E05_T7C	
59972	ZM_097_B1_E05		ZM_097_B1_E05_MR
59973	ZM_097_B1_E06	ZM_097_B1_E06_T7C	
59974	ZM_097_B1_E07		ZM_097_B1_E07_MR
59975	ZM_097_B1_E08	ZM_097_B1_E08_T7C	
59976	ZM_097_B1_E08		ZM_097_B1_E08_MR
59977	ZM_097_B1_E09		ZM_097_B1_E09_MR
59978	ZM_097_B1_E10	ZM_097_B1_E10_T7C	
59979	ZM_097_B1_E12	ZM_097_B1_E12_T7C	
59980	ZM_097_B1_F01	ZM_097_B1_F01_T7C	
59981	ZM_097_B1_F01		ZM_097_B1_F01_MR
59982	ZM_097_B1_F02	ZM_097_B1_F02_T7C	
59983	ZM_097_B1_F02		ZM_097_B1_F02_MR
59984	ZM_097_B1_F03	ZM_097_B1_F03_T7C	
59985	ZM_097_B1_F03		ZM_097_B1_F03_MR
59986	ZM_097_B1_F04	ZM_097_B1_F04_T7C	
59987	ZM_097_B1_F04		ZM_097_B1_F04_MR
59988	ZM_097_B1_F05	ZM_097_B1_F05_T7C	
59989	ZM_097_B1_F06	ZM_097_B1_F06_T7C	
59990	ZM_097_B1_F07	ZM_097_B1_F07_T7C	
59991	ZM_097_B1_F07		ZM_097_B1_F07_MR
59992	ZM_097_B1_F08	ZM_097_B1_F08_T7C	
59993	ZM_097_B1_F08		ZM_097_B1_F08_MR
59994	ZM_097_B1_F09	ZM_097_B1_F09_T7C	
59995	ZM_097_B1_F09		ZM_097_B1_F09_MR
59996	ZM_097_B1_F10	ZM_097_B1_F10_T7C	
59997	ZM_097_B1_F10		ZM_097_B1_F10_MR
59998	ZM_097_B1_F11		ZM_097_B1_F11_MR
59999	ZM_097_B1_F12	ZM_097_B1_F12_T7C	
60000	ZM_097_B1_F12		ZM_097_B1_F12_MR
60001	ZM_097_B1_G01	ZM_097_B1_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60002	ZM_097_B1_G01		ZM_097_B1_G01_MR
60003	ZM_097_B1_G02	ZM_097_B1_G02_T7C	
60004	ZM_097_B1_G03	ZM_097_B1_G03_T7C	
60005	ZM_097_B1_G03		ZM_097_B1_G03_MR
60006	ZM_097_B1_G04	ZM_097_B1_G04_T7C	
60007	ZM_097_B1_G04		ZM_097_B1_G04_MR
60008	ZM_097_B1_G05	ZM_097_B1_G05_T7C	
60009	ZM_097_B1_G05		ZM_097_B1_G05_MR
60010	ZM_097_B1_G06	ZM_097_B1_G06_T7C	
60011	ZM_097_B1_G06		ZM_097_B1_G06_MR
60012	ZM_097_B1_G07	ZM_097_B1_G07_T7C	
60013	ZM_097_B1_G07		ZM_097_B1_G07_MR
60014	ZM_097_B1_G08	ZM_097_B1_G08_T7C	
60015	ZM_097_B1_G08		ZM_097_B1_G08_MR
60016	ZM_097_B1_G09		ZM_097_B1_G09_MR
	ZM_097_B1_G10	ZM_097_B1_G10_T7C	
60018	ZM_097_B1_G11	ZM_097_B1_G11_T7C	
60019	ZM_097_B1_G11		ZM_097_B1_G11_MR
60020	ZM_097_B1_G12	ZM_097_B1_G12_T7C	
60021	ZM_097_B1_G12		ZM_097_B1_G12_MR
60022	ZM_097_B1_H01	ZM_097_B1_H01_T7C	
60023	ZM_097_B1_H01		ZM_097_B1_H01_MR
60024	ZM_097_B1_H02	ZM_097_B1_H02_T7C	
60025	ZM_097_B1_H03	ZM_097_B1_H03_T7C	
60026	ZM_097_B1_H03		ZM_097_B1_H03_MR
60027	ZM_097_B1_H04	ZM_097_B1_H04_T7C	
60028	ZM_097_B1_H04		ZM_097_B1_H04_MR
60029	ZM_097_B1_H05	ZM_097_B1_H05_T7C	
60030	ZM_097_B1_H05		ZM_097_B1_H05_MR
60031	ZM_097_B1_H06	ZM_097_B1_H06_T7C	
60032	ZM_097_B1_H06		ZM_097_B1_H06_MR
60033	ZM_097_B1_H07	ZM_097_B1_H07_T7C	
60034	ZM_097_B1_H07		ZM_097_B1_H07_MR
60035	ZM_097_B1_H08	ZM_097_B1_H08_T7C	
60036	ZM_097_B1_H08		ZM_097_B1_H08_MR
60037	ZM_097_B1_H09	ZM_097_B1_H09_T7C	
60038	ZM_097_B1_H09		ZM_097_B1_H09_MR
60039	ZM_097_B1_H10	ZM_097_B1_H10_T7C	
60040	ZM_097_B1_H10		ZM_097_B1_H10_MR
60041	ZM_098_A1_A01		ZM_098_A1_A01_MR
60042	ZM_098_A1_A03		ZM_098_A1_A03_MR
60043	ZM_098_A1_A05		ZM_098_A1_A05_MR
60044	ZM_098_A1_A06		ZM_098_A1_A06_MR
60045	ZM_098_A1_A07		ZM_098_A1_A07_MR
60046	ZM_098_A1_A08		ZM_098_A1_A08_MR
60047	ZM_098_A1_A09		ZM_098_A1_A09_MR
60048	ZM_098_A1_A10		ZM_098_A1_A10_MR
60049	ZM_098_A1_A12		ZM_098_A1_A12_MR
60050	ZM_098_A1_B01		ZM_098_A1_B01_MR
60051	ZM_098_A1_B02		ZM_098_A1_B02_MR
60052	ZM_098_A1_B03		ZM_098_A1_B03_MR
60053	ZM_098_A1_B04		ZM_098_A1_B04_MR
60054	ZM_098_A1_B05		ZM_098_A1_B05_MR
60055	ZM_098_A1_B07		ZM_098_A1_B07_MR
60056	ZM_098_A1_B08		ZM_098_A1_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60057	ZM_098_A1_B09		ZM_098_A1_B09_MR
60058	ZM_098_A1_B10		ZM_098_A1_B10_MR
60059	ZM_098_A1_B11		ZM_098_A1_B11_MR
60060	ZM_098_A1_B12		ZM_098_A1_B12_MR
60061	ZM_098_A1_C01		ZM_098_A1_C01_MR
60062	ZM_098_A1_C02		ZM_098_A1_C02_MR
60063	ZM_098_A1_C03		ZM_098_A1_C03_MR
60064	ZM_098_A1_C04		ZM_098_A1_C04_MR
60065	ZM_098_A1_C05		ZM_098_A1_C05_MR
60066	ZM_098_A1_C06		ZM_098_A1_C06_MR
60067	ZM_098_A1_C07		ZM_098_A1_C07_MR
60068	ZM_098_A1_C08		ZM_098_A1_C08_MR
60069	ZM_098_A1_C09		ZM_098_A1_C09_MR
60070	ZM_098_A1_C10		ZM_098_A1_C10_MR
60071	ZM_098_A1_C11		ZM_098_A1_C11_MR
60072	ZM_098_A1_D04		ZM_098_A1_D04_MR
60073	ZM_098_A1_D05		ZM_098_A1_D05_MR
60074	ZM_098_A1_D06		ZM_098_A1_D06_MR
60075	ZM_098_A1_D07		ZM_098_A1_D07_MR
60076	ZM_098_A1_D08		ZM_098_A1_D08_MR
60077	ZM_098_A1_D09		ZM_098_A1_D09_MR
60078	ZM_098_A1_D11		ZM_098_A1_D11_MR
60079	ZM_098_A1_D12		ZM_098_A1_D12_MR
60080	ZM_098_A1_E01		ZM_098_A1_E01_MR
60081	ZM_098_A1_E03		ZM_098_A1_E03_MR
60082	ZM_098_A1_E04		ZM_098_A1_E04_MR
60083	ZM_098_A1_E08		ZM_098_A1_E08_MR
60084	ZM_098_A1_E10		ZM_098_A1_E10_MR
60085	ZM_098_A1_E12		ZM_098_A1_E12_MR
60086	ZM_098_A1_F01		ZM_098_A1_F01_MR
60087	ZM_098_A1_F03		ZM_098_A1_F03_MR
60088	ZM_098_A1_F04		ZM_098_A1_F04_MR
60089	ZM_098_A1_F05		ZM_098_A1_F05_MR
60090	ZM_098_A1_F07		ZM_098_A1_F07_MR
60091	ZM_098_A1_F08		ZM_098_A1_F08_MR
60092	ZM_098_A1_F10		ZM_098_A1_F10_MR
60093	ZM_098_A1_F11		ZM_098_A1_F11_MR
60094	ZM_098_A1_G01		ZM_098_A1_G01_MR
60095	ZM_098_A1_G02		ZM_098_A1_G02_MR
60096	ZM_098_A1_G04		ZM_098_A1_G04_MR
60097	ZM_098_A1_G06		ZM_098_A1_G06_MR
60098	ZM_098_A1_G07		ZM_098_A1_G07_MR
60099	ZM_098_A1_G08		ZM_098_A1_G08_MR
60100	ZM_098_A1_G09		ZM_098_A1_G09_MR
60101	ZM_098_A1_G11		ZM_098_A1_G11_MR
60102	ZM_098_A1_G12		ZM_098_A1_G12_MR
60103	ZM_098_A1_H03		ZM_098_A1_H03_MR
60104	ZM_098_A1_H04		ZM_098_A1_H04_MR
60105	ZM_098_A1_H05		ZM_098_A1_H05_MR
60106	ZM_098_A1_H06		ZM_098_A1_H06_MR
60107	ZM_098_A1_H07		ZM_098_A1_H07_MR
60108	ZM_098_A1_H08		ZM_098_A1_H08_MR
60109	ZM_098_A1_H09		ZM_098_A1_H09_MR
60110	ZM_098_A1_H12		ZM_098_A1_H12_MR
60111	ZM_098_A2_A01		ZM_098_A2_A01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60112	ZM_098_A2_A02		ZM_098_A2_A02_MR
60113	ZM_098_A2_A03		ZM_098_A2_A03_MR
60114	ZM_098_A2_A04		ZM_098_A2_A04_MR
60115	ZM_098_A2_A05		ZM_098_A2_A05_MR
60116	ZM_098_A2_A06		ZM_098_A2_A06_MR
60117	ZM_098_A2_A07		ZM_098_A2_A07_MR
60118	ZM_098_A2_A08		ZM_098_A2_A08_MR
60119	ZM_098_A2_A09		ZM_098_A2_A09_MR
60120	ZM_098_A2_A10		ZM_098_A2_A10_MR
60121	ZM_098_A2_A11		ZM_098_A2_A11_MR
60122	ZM_098_A2_A12		ZM_098_A2_A12_MR
60123	ZM_098_A2_B02		ZM_098_A2_B02_MR
60124	ZM_098_A2_B03		ZM_098_A2_B03_MR
60125	ZM_098_A2_B04		ZM_098_A2_B04_MR
60126	ZM_098_A2_B05		ZM_098_A2_B05_MR
60127	ZM_098_A2_B06		ZM_098_A2_B06_MR
60128	ZM_098_A2_B07		ZM_098_A2_B07_MR
60129	ZM_098_A2_B08		ZM_098_A2_B08_MR
60130	ZM_098_A2_B09		ZM_098_A2_B09_MR
60131	ZM_098_A2_B10		ZM_098_A2_B10_MR
60132	ZM_098_A2_B11		ZM_098_A2_B11_MR
60133	ZM_098_A2_B12		ZM_098_A2_B12_MR
60134	ZM_098_A2_C01		ZM_098_A2_C01_MR
60135	ZM_098_A2_C02		ZM_098_A2_C02_MR
60136	ZM_098_A2_C03		ZM_098_A2_C03_MR
60137	ZM_098_A2_C04		ZM_098_A2_C04_MR
60138	ZM_098_A2_C05		ZM_098_A2_C05_MR
60139	ZM_098_A2_C06		ZM_098_A2_C06_MR
60140	ZM_098_A2_C07		ZM_098_A2_C07_MR
60141	ZM_098_A2_C09		ZM_098_A2_C09_MR
60142	ZM_098_A2_C10		ZM_098_A2_C10_MR
60143	ZM_098_A2_C11		ZM_098_A2_C11_MR
60144	ZM_098_A2_D01		ZM_098_A2_D01_MR
60145	ZM_098_A2_D02		ZM_098_A2_D02_MR
60146	ZM_098_A2_D03		ZM_098_A2_D03_MR
60147	ZM_098_A2_D04		ZM_098_A2_D04_MR
60148	ZM_098_A2_D05		ZM_098_A2_D05_MR
60149	ZM_098_A2_D06		ZM_098_A2_D06_MR
60150	ZM_098_A2_D07		ZM_098_A2_D07_MR
60151	ZM_098_A2_D08		ZM_098_A2_D08_MR
60152	ZM_098_A2_D09		ZM_098_A2_D09_MR
60153	ZM_098_A2_D10		ZM_098_A2_D10_MR
60154	ZM_098_A2_D12		ZM_098_A2_D12_MR
60155	ZM_098_A2_E02		ZM_098_A2_E02_MR
60156	ZM_098_A2_E03		ZM_098_A2_E03_MR
60157	ZM_098_A2_E04		ZM_098_A2_E04_MR
60158	ZM_098_A2_E05		ZM_098_A2_E05_MR
60159	ZM_098_A2_E06		ZM_098_A2_E06_MR
60160	ZM_098_A2_E07		ZM_098_A2_E07_MR
60161	ZM_098_A2_E08		ZM_098_A2_E08_MR
60162	ZM_098_A2_E09		ZM_098_A2_E09_MR
60163	ZM_098_A2_E10		ZM_098_A2_E10_MR
60164	ZM_098_A2_E11		ZM_098_A2_E11_MR
60165	ZM_098_A2_E12		ZM_098_A2_E12_MR
60166	ZM_098_A2_F01		ZM_098_A2_F01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60167	ZM_098_A2_F02		ZM_098_A2_F02_MR
60168	ZM_098_A2_F03		ZM_098_A2_F03_MR
60169	ZM_098_A2_F04		ZM_098_A2_F04_MR
60170	ZM_098_A2_F05		ZM_098_A2_F05_MR
60171	ZM_098_A2_F06		ZM_098_A2_F06_MR
60172	ZM_098_A2_F07		ZM_098_A2_F07_MR
60173	ZM_098_A2_F08		ZM_098_A2_F08_MR
60174	ZM_098_A2_F09		ZM_098_A2_F09_MR
60175	ZM_098_A2_F11		ZM_098_A2_F11_MR
60176	ZM_098_A2_F12		ZM_098_A2_F12_MR
60177	ZM_098_A2_G01		ZM_098_A2_G01_MR
60178	ZM_098_A2_G02		ZM_098_A2_G02_MR
60179	ZM_098_A2_G03		ZM_098_A2_G03_MR
60180	ZM_098_A2_G04		ZM_098_A2_G04_MR
60181	ZM_098_A2_G05		ZM_098_A2_G05_MR
60182	ZM_098_A2_G06		ZM_098_A2_G06_MR
60183	ZM_098_A2_G07		ZM_098_A2_G07_MR
60184	ZM_098_A2_G08		ZM_098_A2_G08_MR
60185	ZM_098_A2_G09		ZM_098_A2_G09_MR
60186	ZM_098_A2_G10		ZM_098_A2_G10_MR
60187	ZM_098_A2_G11		ZM_098_A2_G11_MR
60188	ZM_098_A2_G12		ZM_098_A2_G12_MR
60189	ZM_098_A2_H03		ZM_098_A2_H03_MR
60190	ZM_098_A2_H04		ZM_098_A2_H04_MR
60191	ZM_098_A2_H05		ZM_098_A2_H05_MR
60192	ZM_098_A2_H06		ZM_098_A2_H06_MR
60193	ZM_098_A2_H07		ZM_098_A2_H07_MR
60194	ZM_098_A2_H08		ZM_098_A2_H08_MR
60195	ZM_098_A2_H09		ZM_098_A2_H09_MR
60196	ZM_098_A2_H10		ZM_098_A2_H10_MR
60197	ZM_098_A2_H12		ZM_098_A2_H12_MR
60198	ZM_099_A1_A01	ZM_099_A1_A01_T7C	
60199	ZM_099_A1_A02	ZM_099_A1_A02_T7C	
60200	ZM_099_A1_A02		ZM_099_A1_A02_MR
60201	ZM_099_A1_A03	ZM_099_A1_A03_T7C	
60202	ZM_099_A1_A03		ZM_099_A1_A03_MR
60203	ZM_099_A1_A04	ZM_099_A1_A04_T7C	
60204	ZM_099_A1_A04		ZM_099_A1_A04_MR
60205	ZM_099_A1_A05	ZM_099_A1_A05_T7C	
60206	ZM_099_A1_A05		ZM_099_A1_A05_MR
60207	ZM_099_A1_A06	ZM_099_A1_A06_T7C	
60208	ZM_099_A1_A06		ZM_099_A1_A06_MR
60209	ZM_099_A1_A07	ZM_099_A1_A07_T7C	
60210	ZM_099_A1_A07		ZM_099_A1_A07_MR
60211	ZM_099_A1_A08	ZM_099_A1_A08_T7C	
60212	ZM_099_A1_A08		ZM_099_A1_A08_MR
60213	ZM_099_A1_A09	ZM_099_A1_A09_T7C	
60214	ZM_099_A1_A09		ZM_099_A1_A09_MR
60215	ZM_099_A1_A10	ZM_099_A1_A10_T7C	
60216	ZM_099_A1_A10		ZM_099_A1_A10_MR
60217	ZM_099_A1_A11	ZM_099_A1_A11_T7C	
60218	ZM_099_A1_A11		ZM_099_A1_A11_MR
60219	ZM_099_A1_A12	ZM_099_A1_A12_T7C	
60220	ZM_099_A1_B01	ZM_099_A1_B01_T7C	
60221	ZM_099_A1_B01		ZM_099_A1_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60222	ZM_099_A1_B02	ZM_099_A1_B02_T7C	
60223	ZM_099_A1_B02		ZM_099_A1_B02_MR
60224	ZM_099_A1_B03	ZM_099_A1_B03_T7C	
60225	ZM_099_A1_B03		ZM_099_A1_B03_MR
60226	ZM_099_A1_B04	ZM_099_A1_B04_T7C	
60227	ZM_099_A1_B04		ZM_099_A1_B04_MR
60228	ZM_099_A1_B05	ZM_099_A1_B05_T7C	
60229	ZM_099_A1_B05		ZM_099_A1_B05_MR
60230	ZM_099_A1_B06	ZM_099_A1_B06_T7C	
60231	ZM_099_A1_B06		ZM_099_A1_B06_MR
60232	ZM_099_A1_B07	ZM_099_A1_B07_T7C	
60233	ZM_099_A1_B07		ZM_099_A1_B07_MR
60234	ZM_099_A1_B09	ZM_099_A1_B09_T7C	
60235	ZM_099_A1_B09		ZM_099_A1_B09_MR
60236	ZM_099_A1_B10	ZM_099_A1_B10_T7C	
60237	ZM_099_A1_B10		ZM_099_A1_B10_MR
60238	ZM_099_A1_B11	ZM_099_A1_B11_T7C	
60239	ZM_099_A1_B11		ZM_099_A1_B11_MR
60240	ZM_099_A1_B12	ZM_099_A1_B12_T7C	
60241	ZM_099_A1_B12		ZM_099_A1_B12_MR
60242	ZM_099_A1_C01	ZM_099_A1_C01_T7C	
60243	ZM_099_A1_C01		ZM_099_A1_C01_MR
60244	ZM_099_A1_C02	ZM_099_A1_C02_T7C	
60245	ZM_099_A1_C03	ZM_099_A1_C03_T7C	
60246	ZM_099_A1_C03		ZM_099_A1_C03_MR
60247	ZM_099_A1_C04	ZM_099_A1_C04_T7C	
60248	ZM_099_A1_C04		ZM_099_A1_C04_MR
60249	ZM_099_A1_C05	ZM_099_A1_C05_T7C	
60250	ZM_099_A1_C05		ZM_099_A1_C05_MR
60251	ZM_099_A1_C06	ZM_099_A1_C06_T7C	
60252	ZM_099_A1_C06		ZM_099_A1_C06_MR
60253	ZM_099_A1_C07	ZM_099_A1_C07_T7C	
60254	ZM_099_A1_C07		ZM_099_A1_C07_MR
60255	ZM_099_A1_C08	ZM_099_A1_C08_T7C	
60256	ZM_099_A1_C08		ZM_099_A1_C08_MR
60257	ZM_099_A1_C09	ZM_099_A1_C09_T7C	
60258	ZM_099_A1_C09		ZM_099_A1_C09_MR
60259	ZM_099_A1_C10	ZM_099_A1_C10_T7C	
60260	ZM_099_A1_C10		ZM_099_A1_C10_MR
60261	ZM_099_A1_C11	ZM_099_A1_C11_T7C	
60262	ZM_099_A1_C11		ZM_099_A1_C11_MR
60263	ZM_099_A1_C12	ZM_099_A1_C12_T7C	
60264	ZM_099_A1_C12		ZM_099_A1_C12_MR
60265	ZM_099_A1_D01	ZM_099_A1_D01_T7C	
60266	ZM_099_A1_D01		ZM_099_A1_D01_MR
60267	ZM_099_A1_D02	ZM_099_A1_D02_T7C	
60268	ZM_099_A1_D02		ZM_099_A1_D02_MR
60269	ZM_099_A1_D03	ZM_099_A1_D03_T7C	
60270	ZM_099_A1_D03		ZM_099_A1_D03_MR
60271	ZM_099_A1_D04	ZM_099_A1_D04_T7C	
60272	ZM_099_A1_D04		ZM_099_A1_D04_MR
60273	ZM_099_A1_D05	ZM_099_A1_D05_T7C	
60274	ZM_099_A1_D05		ZM_099_A1_D05_MR
60275	ZM_099_A1_D06	ZM_099_A1_D06_T7C	
60276	ZM_099_A1_D06		ZM_099_A1_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60277	ZM_099_A1_D07	ZM_099_A1_D07_T7C	
60278	ZM_099_A1_D07		ZM_099_A1_D07_MR
60279	ZM_099_A1_D08	ZM_099_A1_D08_T7C	
60280	ZM_099_A1_D08		ZM_099_A1_D08_MR
60281	ZM_099_A1_D09	ZM_099_A1_D09_T7C	
60282	ZM_099_A1_D09		ZM_099_A1_D09_MR
60283	ZM_099_A1_D10	ZM_099_A1_D10_T7C	
60284	ZM_099_A1_D10		ZM_099_A1_D10_MR
60285	ZM_099_A1_D11	ZM_099_A1_D11_T7C	
60286	ZM_099_A1_D12	ZM_099_A1_D12_T7C	
60287	ZM_099_A1_D12		ZM_099_A1_D12_MR
60288	ZM_099_A1_E01	ZM_099_A1_E01_T7C	
60289	ZM_099_A1_E02	ZM_099_A1_E02_T7C	
60290	ZM_099_A1_E02		ZM_099_A1_E02_MR
60291	ZM_099_A1_E03	ZM_099_A1_E03_T7C	
60292	ZM_099_A1_E04	ZM_099_A1_E04_T7C	
60293	ZM_099_A1_E04		ZM_099_A1_E04_MR
60294	ZM_099_A1_E05	ZM_099_A1_E05_T7C	
60295	ZM_099_A1_E05		ZM_099_A1_E05_MR
60296	ZM_099_A1_E06	ZM_099_A1_E06_T7C	
60297	ZM_099_A1_E07	ZM_099_A1_E07_T7C	
60298	ZM_099_A1_E07		ZM_099_A1_E07_MR
60299	ZM_099_A1_E08	ZM_099_A1_E08_T7C	
60300	ZM_099_A1_E08		ZM_099_A1_E08_MR
60301	ZM_099_A1_E09	ZM_099_A1_E09_T7C	
60302	ZM_099_A1_E09		ZM_099_A1_E09_MR
60303	ZM_099_A1_E10	ZM_099_A1_E10_T7C	
60304	ZM_099_A1_E10		ZM_099_A1_E10_MR
60305	ZM_099_A1_E11	ZM_099_A1_E11_T7C	
60306	ZM_099_A1_E11		ZM_099_A1_E11_MR
60307	ZM_099_A1_E12	ZM_099_A1_E12_T7C	
60308	ZM_099_A1_E12		ZM_099_A1_E12_MR
60309	ZM_099_A1_F01	ZM_099_A1_F01_T7C	
60310	ZM_099_A1_F02	ZM_099_A1_F02_T7C	
60311	ZM_099_A1_F02		ZM_099_A1_F02_MR
60312	ZM_099_A1_F03	ZM_099_A1_F03_T7C	
60313	ZM_099_A1_F03		ZM_099_A1_F03_MR
60314	ZM_099_A1_F04	ZM_099_A1_F04_T7C	
60315	ZM_099_A1_F04		ZM_099_A1_F04_MR
60316	ZM_099_A1_F05	ZM_099_A1_F05_T7C	
60317	ZM_099_A1_F05		ZM_099_A1_F05_MR
60318	ZM_099_A1_F06	ZM_099_A1_F06_T7C	
60319	ZM_099_A1_F06		ZM_099_A1_F06_MR
60320	ZM_099_A1_F07	ZM_099_A1_F07_T7C	
60321	ZM_099_A1_F07		ZM_099_A1_F07_MR
60322	ZM_099_A1_F08	ZM_099_A1_F08_T7C	
60323	ZM_099_A1_F08		ZM_099_A1_F08_MR
60324	ZM_099_A1_F09		ZM_099_A1_F09_MR
60325	ZM_099_A1_F10	ZM_099_A1_F10_T7C	
60326	ZM_099_A1_F10		ZM_099_A1_F10_MR
60327	ZM_099_A1_F11	ZM_099_A1_F11_T7C	
60328	ZM_099_A1_F11		ZM_099_A1_F11_MR
60329	ZM_099_A1_F12	ZM_099_A1_F12_T7C	
60330	ZM_099_A1_F12		ZM_099_A1_F12_MR
60331	ZM_099_A1_G01	ZM_099_A1_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60332	ZM_099_A1_G02	ZM_099_A1_G02_T7C	
60333	ZM_099_A1_G03	ZM_099_A1_G03_T7C	
60334	ZM_099_A1_G03		ZM_099_A1_G03_MR
60335	ZM_099_A1_G04	ZM_099_A1_G04_T7C	
60336	ZM_099_A1_G04		ZM_099_A1_G04_MR
60337	ZM_099_A1_G05	ZM_099_A1_G05_T7C	
60338	ZM_099_A1_G05		ZM_099_A1_G05_MR
60339	ZM_099_A1_G06	ZM_099_A1_G06_T7C	
60340	ZM_099_A1_G06		ZM_099_A1_G06_MR
60341	ZM_099_A1_G07	ZM_099_A1_G07_T7C	
60342	ZM_099_A1_G07		ZM_099_A1_G07_MR
60343	ZM_099_A1_G08	ZM_099_A1_G08_T7C	
60344	ZM_099_A1_G08		ZM_099_A1_G08_MR
60345	ZM_099_A1_G09	ZM_099_A1_G09_T7C	
60346	ZM_099_A1_G09		ZM_099_A1_G09_MR
60347	ZM_099_A1_G10	ZM_099_A1_G10_T7C	
60348	ZM_099_A1_G10		ZM_099_A1_G10_MR
60349	ZM_099_A1_G11	ZM_099_A1_G11_T7C	
60350	ZM_099_A1_G11		ZM_099_A1_G11_MR
60351	ZM_099_A1_G12	ZM_099_A1_G12_T7C	
60352	ZM_099_A1_G12		ZM_099_A1_G12_MR
60353	ZM_099_A1_H01	ZM_099_A1_H01_T7C	
60354	ZM_099_A1_H02	ZM_099_A1_H02_T7C	
60355	ZM_099_A1_H02		ZM_099_A1_H02_MR
60356	ZM_099_A1_H03	ZM_099_A1_H03_T7C	
60357	ZM_099_A1_H03		ZM_099_A1_H03_MR
60358	ZM_099_A1_H04		ZM_099_A1_H04_MR
60359	ZM_099_A1_H07	ZM_099_A1_H07_T7C	
60360	ZM_099_A1_H07		ZM_099_A1_H07_MR
60361	ZM_099_A1_H08	ZM_099_A1_H08_T7C	
60362	ZM_099_A1_H08		ZM_099_A1_H08_MR
60363	ZM_099_A1_H10	ZM_099_A1_H10_T7C	
60364	ZM_099_A1_H10		ZM_099_A1_H10_MR
60365	ZM_099_A1_H11	ZM_099_A1_H11_T7C	
60366	ZM_099_A1_H11		ZM_099_A1_H11_MR
60367	ZM_099_A1_H12	ZM_099_A1_H12_T7C	
60368	ZM_099_A1_H12		ZM_099_A1_H12_MR
60369	ZM_099_A2_A01	ZM_099_A2_A01_T7C	
60370	ZM_099_A2_A01		ZM_099_A2_A01_MR
60371	ZM_099_A2_A03	ZM_099_A2_A03_T7C	
60372	ZM_099_A2_A03		ZM_099_A2_A03_MR
60373	ZM_099_A2_A04	ZM_099_A2_A04_T7C	
60374	ZM_099_A2_A04		ZM_099_A2_A04_MR
60375	ZM_099_A2_A05	ZM_099_A2_A05_T7C	
60376	ZM_099_A2_A05		ZM_099_A2_A05_MR
60377	ZM_099_A2_A06	ZM_099_A2_A06_T7C	
60378	ZM_099_A2_A06		ZM_099_A2_A06_MR
60379	ZM_099_A2_A07	ZM_099_A2_A07_T7C	
60380	ZM_099_A2_A07		ZM_099_A2_A07_MR
60381	ZM_099_A2_A08	ZM_099_A2_A08_T7C	
60382	ZM_099_A2_A08		ZM_099_A2_A08_MR
60383	ZM_099_A2_A09	ZM_099_A2_A09_T7C	
60384	ZM_099_A2_A09		ZM_099_A2_A09_MR
60385	ZM_099_A2_A10	ZM_099_A2_A10_T7C	
60386	ZM_099_A2_A10		ZM_099_A2_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60387	ZM_099_A2_A11	ZM_099_A2_A11_T7C	
60388	ZM_099_A2_A11		ZM_099_A2_A11_MR
60389	ZM_099_A2_A12	ZM_099_A2_A12_T7C	
60390	ZM_099_A2_A12		ZM_099_A2_A12_MR
60391	ZM_099_A2_B01	ZM_099_A2_B01_T7C	
60392	ZM_099_A2_B01		ZM_099_A2_B01_MR
60393	ZM_099_A2_B02		ZM_099_A2_B02_MR
60394	ZM_099_A2_B03		ZM_099_A2_B03_MR
60395	ZM_099_A2_B04	ZM_099_A2_B04_T7C	
60396	ZM_099_A2_B04		ZM_099_A2_B04_MR
60397	ZM_099_A2_B05	ZM_099_A2_B05_T7C	
60398	ZM_099_A2_B05		ZM_099_A2_B05_MR
60399	ZM_099_A2_B06	ZM_099_A2_B06_T7C	
60400	ZM_099_A2_B06		ZM_099_A2_B06_MR
60401	ZM_099_A2_B07	ZM_099_A2_B07_T7C	
60402	ZM_099_A2_B07		ZM_099_A2_B07_MR
60403	ZM_099_A2_B08	ZM_099_A2_B08_T7C	
60404	ZM_099_A2_B08		ZM_099_A2_B08_MR
60405	ZM_099_A2_B09	ZM_099_A2_B09_T7C	
60406	ZM_099_A2_B09		ZM_099_A2_B09_MR
60407	ZM_099_A2_B10	ZM_099_A2_B10_T7C	
60408	ZM_099_A2_B10		ZM_099_A2_B10_MR
60409	ZM_099_A2_B11	ZM_099_A2_B11_T7C	
60410	ZM_099_A2_B11		ZM_099_A2_B11_MR
60411	ZM_099_A2_B12	ZM_099_A2_B12_T7C	
60412	ZM_099_A2_C01	ZM_099_A2_C01_T7C	
60413	ZM_099_A2_C01		ZM_099_A2_C01_MR
60414	ZM_099_A2_C02	ZM_099_A2_C02_T7C	
60415	ZM_099_A2_C02		ZM_099_A2_C02_MR
60416	ZM_099_A2_C03	ZM_099_A2_C03_T7C	
60417	ZM_099_A2_C03		ZM_099_A2_C03_MR
60418	ZM_099_A2_C04	ZM_099_A2_C04_T7C	
60419	ZM_099_A2_C04		ZM_099_A2_C04_MR
60420	ZM_099_A2_C05	ZM_099_A2_C05_T7C	
60421	ZM_099_A2_C05		ZM_099_A2_C05_MR
60422	ZM_099_A2_C06	ZM_099_A2_C06_T7C	
60423	ZM_099_A2_C06		ZM_099_A2_C06_MR
60424	ZM_099_A2_C07	ZM_099_A2_C07_T7C	
60425	ZM_099_A2_C07		ZM_099_A2_C07_MR
60426	ZM_099_A2_C08	ZM_099_A2_C08_T7C	
60427	ZM_099_A2_C08		ZM_099_A2_C08_MR
60428	ZM_099_A2_C09	ZM_099_A2_C09_T7C	
60429	ZM_099_A2_C09		ZM_099_A2_C09_MR
60430	ZM_099_A2_C10	ZM_099_A2_C10_T7C	
60431	ZM_099_A2_C10		ZM_099_A2_C10_MR
60432	ZM_099_A2_C11	ZM_099_A2_C11_T7C	
60433	ZM_099_A2_C11		ZM_099_A2_C11_MR
60434	ZM_099_A2_C12	ZM_099_A2_C12_T7C	
60435	ZM_099_A2_C12		ZM_099_A2_C12_MR
60436	ZM_099_A2_D01	ZM_099_A2_D01_T7C	
60437	ZM_099_A2_D01		ZM_099_A2_D01_MR
60438	ZM_099_A2_D02	ZM_099_A2_D02_T7C	
60439	ZM_099_A2_D02		ZM_099_A2_D02_MR
60440	ZM_099_A2_D03	ZM_099_A2_D03_T7C	
60441	ZM_099_A2_D03		ZM_099_A2_D03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60442	ZM_099_A2_D04	ZM_099_A2_D04_T7C	
60443	ZM_099_A2_D04		ZM_099_A2_D04_MR
60444	ZM_099_A2_D05	ZM_099_A2_D05_T7C	
60445	ZM_099_A2_D05		ZM_099_A2_D05_MR
60446	ZM_099_A2_D06	ZM_099_A2_D06_T7C	
60447	ZM_099_A2_D06		ZM_099_A2_D06_MR
60448	ZM_099_A2_D07	ZM_099_A2_D07_T7C	
60449	ZM_099_A2_D07		ZM_099_A2_D07_MR
60450	ZM_099_A2_D08	ZM_099_A2_D08_T7C	
60451	ZM_099_A2_D08		ZM_099_A2_D08_MR
60452	ZM_099_A2_D09	ZM_099_A2_D09_T7C	
60453	ZM_099_A2_D09		ZM_099_A2_D09_MR
60454	ZM_099_A2_D10	ZM_099_A2_D10_T7C	
60455	ZM_099_A2_D10		ZM_099_A2_D10_MR
60456	ZM_099_A2_D11	ZM_099_A2_D11_T7C	
60457	ZM_099_A2_D11		ZM_099_A2_D11_MR
60458	ZM_099_A2_D12	ZM_099_A2_D12_T7C	
60459	ZM_099_A2_D12		ZM_099_A2_D12_MR
60460	ZM_099_A2_E01	ZM_099_A2_E01_T7C	
60461	ZM_099_A2_E01		ZM_099_A2_E01_MR
60462	ZM_099_A2_E02	ZM_099_A2_E02_T7C	
60463	ZM_099_A2_E02		ZM_099_A2_E02_MR
60464	ZM_099_A2_E03	ZM_099_A2_E03_T7C	
60465	ZM_099_A2_E03		ZM_099_A2_E03_MR
60466	ZM_099_A2_E04	ZM_099_A2_E04_T7C	
60467	ZM_099_A2_E04		ZM_099_A2_E04_MR
60468	ZM_099_A2_E05	ZM_099_A2_E05_T7C	
60469	ZM_099_A2_E05		ZM_099_A2_E05_MR
60470	ZM_099_A2_E06	ZM_099_A2_E06_T7C	
60471	ZM_099_A2_E06		ZM_099_A2_E06_MR
60472	ZM_099_A2_E07	ZM_099_A2_E07_T7C	
60473	ZM_099_A2_E07		ZM_099_A2_E07_MR
60474	ZM_099_A2_E08	ZM_099_A2_E08_T7C	
60475	ZM_099_A2_E08		ZM_099_A2_E08_MR
60476	ZM_099_A2_E09	ZM_099_A2_E09_T7C	
60477	ZM_099_A2_E09		ZM_099_A2_E09_MR
60478	ZM_099_A2_E10	ZM_099_A2_E10_T7C	
60479	ZM_099_A2_E10		ZM_099_A2_E10_MR
60480	ZM_099_A2_E11	ZM_099_A2_E11_T7C	
60481	ZM_099_A2_E11		ZM_099_A2_E11_MR
60482	ZM_099_A2_E12	ZM_099_A2_E12_T7C	
60483	ZM_099_A2_E12		ZM_099_A2_E12_MR
60484	ZM_099_A2_F01	ZM_099_A2_F01_T7C	
60485	ZM_099_A2_F01		ZM_099_A2_F01_MR
60486	ZM_099_A2_F03		ZM_099_A2_F03_MR
60487	ZM_099_A2_F04	ZM_099_A2_F04_T7C	
60488	ZM_099_A2_F04		ZM_099_A2_F04_MR
60489	ZM_099_A2_F05	ZM_099_A2_F05_T7C	
60490	ZM_099_A2_F05		ZM_099_A2_F05_MR
60491	ZM_099_A2_F06	ZM_099_A2_F06_T7C	
60492	ZM_099_A2_F06		ZM_099_A2_F06_MR
60493	ZM_099_A2_F07	ZM_099_A2_F07_T7C	
60494	ZM_099_A2_F07		ZM_099_A2_F07_MR
60495	ZM_099_A2_F08	ZM_099_A2_F08_T7C	
60496	ZM_099_A2_F08		ZM_099_A2_F08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60497	ZM_099_A2_F09	ZM_099_A2_F09_T7C	ZM_099_A2_F09_MR
60498	ZM_099_A2_F09		
60499	ZM_099_A2_F10	ZM_099_A2_F10_T7C	ZM_099_A2_F10_MR
60500	ZM_099_A2_F10		
60501	ZM_099_A2_F11	ZM_099_A2_F11_T7C	ZM_099_A2_F11_MR
60502	ZM_099_A2_F11		
60503	ZM_099_A2_F12	ZM_099_A2_F12_T7C	ZM_099_A2_F12_MR
60504	ZM_099_A2_F12		
60505	ZM_099_A2_G01	ZM_099_A2_G01_T7C	ZM_099_A2_G01_MR
60506	ZM_099_A2_G01		
60507	ZM_099_A2_G02	ZM_099_A2_G02_T7C	ZM_099_A2_G02_MR
60508	ZM_099_A2_G02		
60509	ZM_099_A2_G03	ZM_099_A2_G03_T7C	ZM_099_A2_G03_MR
60510	ZM_099_A2_G03		
60511	ZM_099_A2_G04	ZM_099_A2_G04_T7C	ZM_099_A2_G04_MR
60512	ZM_099_A2_G04		
60513	ZM_099_A2_G05	ZM_099_A2_G05_T7C	ZM_099_A2_G05_MR
60514	ZM_099_A2_G05		
60515	ZM_099_A2_G07	ZM_099_A2_G07_T7C	ZM_099_A2_G07_MR
60516	ZM_099_A2_G07		
60517	ZM_099_A2_G08	ZM_099_A2_G08_T7C	ZM_099_A2_G08_MR
60518	ZM_099_A2_G08		
60519	ZM_099_A2_G09	ZM_099_A2_G09_T7C	ZM_099_A2_G09_MR
60520	ZM_099_A2_G09		
60521	ZM_099_A2_G10	ZM_099_A2_G10_T7C	ZM_099_A2_G10_MR
60522	ZM_099_A2_G10		
60523	ZM_099_A2_G11	ZM_099_A2_G11_T7C	ZM_099_A2_G11_MR
60524	ZM_099_A2_G11		
60525	ZM_099_A2_G12	ZM_099_A2_G12_T7C	ZM_099_A2_G12_MR
60526	ZM_099_A2_G12		
60527	ZM_099_A2_H01	ZM_099_A2_H01_T7C	ZM_099_A2_H01_MR
60528	ZM_099_A2_H01		
60529	ZM_099_A2_H02	ZM_099_A2_H02_T7C	ZM_099_A2_H02_MR
60530	ZM_099_A2_H02		
60531	ZM_099_A2_H03	ZM_099_A2_H03_T7C	ZM_099_A2_H03_MR
60532	ZM_099_A2_H03		
60533	ZM_099_A2_H04	ZM_099_A2_H04_T7C	ZM_099_A2_H04_MR
60534	ZM_099_A2_H04		
60535	ZM_099_A2_H05	ZM_099_A2_H05_T7C	ZM_099_A2_H05_MR
60536	ZM_099_A2_H05		
60537	ZM_099_A2_H06	ZM_099_A2_H06_T7C	ZM_099_A2_H06_MR
60538	ZM_099_A2_H06		
60539	ZM_099_A2_H07	ZM_099_A2_H07_T7C	
60540	ZM_099_A2_H08	ZM_099_A2_H08_T7C	ZM_099_A2_H08_MR
60541	ZM_099_A2_H08		
60542	ZM_099_A2_H09	ZM_099_A2_H09_T7C	ZM_099_A2_H09_MR
60543	ZM_099_A2_H09		
60544	ZM_099_A2_H10	ZM_099_A2_H10_T7C	ZM_099_A2_H10_MR
60545	ZM_099_A2_H10		
60546	ZM_099_A2_H11	ZM_099_A2_H11_T7C	ZM_099_A2_H11_MR
60547	ZM_099_A2_H11		
60548	ZM_099_A2_H12	ZM_099_A2_H12_T7C	ZM_099_A2_H12_MR
60549	ZM_099_A2_H12		
60550	ZM_103_B1_A01	ZM_103_B1_A01_T7C	
60551	ZM_103_B1_A02	ZM_103_B1_A02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60552	ZM_103_B1_A03	ZM_103_B1_A03_T7C	
60553	ZM_103_B1_A06	ZM_103_B1_A06_T7C	
60554	ZM_103_B1_A07	ZM_103_B1_A07_T7C	
60555	ZM_103_B1_A09	ZM_103_B1_A09_T7C	
60556	ZM_103_B1_A11	ZM_103_B1_A11_T7C	
60557	ZM_103_B1_A12	ZM_103_B1_A12_T7C	
60558	ZM_103_B1_B01	ZM_103_B1_B01_T7C	
60559	ZM_103_B1_B02	ZM_103_B1_B02_T7C	
60560	ZM_103_B1_B03	ZM_103_B1_B03_T7C	
60561	ZM_103_B1_B04	ZM_103_B1_B04_T7C	
60562	ZM_103_B1_B06	ZM_103_B1_B06_T7C	
60563	ZM_103_B1_B07	ZM_103_B1_B07_T7C	
60564	ZM_103_B1_B08	ZM_103_B1_B08_T7C	
60565	ZM_103_B1_B09	ZM_103_B1_B09_T7C	
60566	ZM_103_B1_B10	ZM_103_B1_B10_T7C	
60567	ZM_103_B1_B11	ZM_103_B1_B11_T7C	
60568	ZM_103_B1_B12	ZM_103_B1_B12_T7C	
60569	ZM_103_B1_C01	ZM_103_B1_C01_T7C	
60570	ZM_103_B1_C02	ZM_103_B1_C02_T7C	
60571	ZM_103_B1_C03	ZM_103_B1_C03_T7C	
60572	ZM_103_B1_C05	ZM_103_B1_C05_T7C	
60573	ZM_103_B1_C07	ZM_103_B1_C07_T7C	
60574	ZM_103_B1_C08	ZM_103_B1_C08_T7C	
60575	ZM_103_B1_C09	ZM_103_B1_C09_T7C	
60576	ZM_103_B1_C10	ZM_103_B1_C10_T7C	
60577	ZM_103_B1_C11	ZM_103_B1_C11_T7C	
60578	ZM_103_B1_C12	ZM_103_B1_C12_T7C	
60579	ZM_103_B1_D03	ZM_103_B1_D03_T7C	
60580	ZM_103_B1_D04	ZM_103_B1_D04_T7C	
60581	ZM_103_B1_D05	ZM_103_B1_D05_T7C	
60582	ZM_103_B1_D06	ZM_103_B1_D06_T7C	
60583	ZM_103_B1_D08	ZM_103_B1_D08_T7C	
60584	ZM_103_B1_D09	ZM_103_B1_D09_T7C	
60585	ZM_103_B1_D10	ZM_103_B1_D10_T7C	
60586	ZM_103_B1_D11	ZM_103_B1_D11_T7C	
60587	ZM_103_B1_D12	ZM_103_B1_D12_T7C	
60588	ZM_103_B1_E01	ZM_103_B1_E01_T7C	
60589	ZM_103_B1_E02	ZM_103_B1_E02_T7C	
60590	ZM_103_B1_E03	ZM_103_B1_E03_T7C	
60591	ZM_103_B1_E04	ZM_103_B1_E04_T7C	
60592	ZM_103_B1_E07	ZM_103_B1_E07_T7C	
60593	ZM_103_B1_E08	ZM_103_B1_E08_T7C	
60594	ZM_103_B1_E09	ZM_103_B1_E09_T7C	
60595	ZM_103_B1_E10	ZM_103_B1_E10_T7C	
60596	ZM_103_B1_E11	ZM_103_B1_E11_T7C	
60597	ZM_103_B1_E12	ZM_103_B1_E12_T7C	
60598	ZM_103_B1_F01	ZM_103_B1_F01_T7C	
60599	ZM_103_B1_F02	ZM_103_B1_F02_T7C	
60600	ZM_103_B1_F03	ZM_103_B1_F03_T7C	
60601	ZM_103_B1_F04	ZM_103_B1_F04_T7C	
60602	ZM_103_B1_F05	ZM_103_B1_F05_T7C	
60603	ZM_103_B1_F06	ZM_103_B1_F06_T7C	
60604	ZM_103_B1_F07	ZM_103_B1_F07_T7C	
60605	ZM_103_B1_F08	ZM_103_B1_F08_T7C	
60606	ZM_103_B1_F09	ZM_103_B1_F09_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60607	ZM_103_B1_F11	ZM_103_B1_F11_T7C	
60608	ZM_103_B1_F12	ZM_103_B1_F12_T7C	
60609	ZM_103_B1_G01	ZM_103_B1_G01_T7C	
60610	ZM_103_B1_G02	ZM_103_B1_G02_T7C	
60611	ZM_103_B1_G03	ZM_103_B1_G03_T7C	
60612	ZM_103_B1_G04	ZM_103_B1_G04_T7C	
60613	ZM_103_B1_G05	ZM_103_B1_G05_T7C	
60614	ZM_103_B1_G06	ZM_103_B1_G06_T7C	
60615	ZM_103_B1_G07	ZM_103_B1_G07_T7C	
60616	ZM_103_B1_G08	ZM_103_B1_G08_T7C	
60617	ZM_103_B1_G09	ZM_103_B1_G09_T7C	
60618	ZM_103_B1_H02	ZM_103_B1_H02_T7C	
60619	ZM_103_B1_H03	ZM_103_B1_H03_T7C	
60620	ZM_103_B1_H04	ZM_103_B1_H04_T7C	
60621	ZM_103_B1_H05	ZM_103_B1_H05_T7C	
60622	ZM_103_B1_H06	ZM_103_B1_H06_T7C	
60623	ZM_103_B1_H07	ZM_103_B1_H07_T7C	
60624	ZM_103_B1_H08	ZM_103_B1_H08_T7C	
60625	ZM_103_B1_H09	ZM_103_B1_H09_T7C	
60626	ZM_103_B1_H11	ZM_103_B1_H11_T7C	
60627	ZM_103_B1_H12	ZM_103_B1_H12_T7C	
60628	ZM_104_B1_A01		ZM_104_B1_A01_MR
60629	ZM_104_B1_A05		ZM_104_B1_A05_MR
60630	ZM_104_B1_A06		ZM_104_B1_A06_MR
60631	ZM_104_B1_A09		ZM_104_B1_A09_MR
60632	ZM_104_B1_A10		ZM_104_B1_A10_MR
60633	ZM_104_B1_A11		ZM_104_B1_A11_MR
60634	ZM_104_B1_B01		ZM_104_B1_B01_MR
60635	ZM_104_B1_B02		ZM_104_B1_B02_MR
60636	ZM_104_B1_B03		ZM_104_B1_B03_MR
60637	ZM_104_B1_B04		ZM_104_B1_B04_MR
60638	ZM_104_B1_B05		ZM_104_B1_B05_MR
60639	ZM_104_B1_B06		ZM_104_B1_B06_MR
60640	ZM_104_B1_B07		ZM_104_B1_B07_MR
60641	ZM_104_B1_B10		ZM_104_B1_B10_MR
60642	ZM_104_B1_C01		ZM_104_B1_C01_MR
60643	ZM_104_B1_C02		ZM_104_B1_C02_MR
60644	ZM_104_B1_C03		ZM_104_B1_C03_MR
60645	ZM_104_B1_C04		ZM_104_B1_C04_MR
60646	ZM_104_B1_C05		ZM_104_B1_C05_MR
60647	ZM_104_B1_C06		ZM_104_B1_C06_MR
60648	ZM_104_B1_C07		ZM_104_B1_C07_MR
60649	ZM_104_B1_C08		ZM_104_B1_C08_MR
60650	ZM_104_B1_C09		ZM_104_B1_C09_MR
60651	ZM_104_B1_C11		ZM_104_B1_C11_MR
60652	ZM_104_B1_C12		ZM_104_B1_C12_MR
60653	ZM_104_B1_D01		ZM_104_B1_D01_MR
60654	ZM_104_B1_D02		ZM_104_B1_D02_MR
60655	ZM_104_B1_D03		ZM_104_B1_D03_MR
60656	ZM_104_B1_D04		ZM_104_B1_D04_MR
60657	ZM_104_B1_D05		ZM_104_B1_D05_MR
60658	ZM_104_B1_D06		ZM_104_B1_D06_MR
60659	ZM_104_B1_D07		ZM_104_B1_D07_MR
60660	ZM_104_B1_D08		ZM_104_B1_D08_MR
60661	ZM_104_B1_D09		ZM_104_B1_D09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60662	ZM_104_B1_D11		ZM_104_B1_D11_MR
60663	ZM_104_B1_E01		ZM_104_B1_E01_MR
60664	ZM_104_B1_E02		ZM_104_B1_E02_MR
60665	ZM_104_B1_E03		ZM_104_B1_E03_MR
60666	ZM_104_B1_E07		ZM_104_B1_E07_MR
60667	ZM_104_B1_E10		ZM_104_B1_E10_MR
60668	ZM_104_B1_E11		ZM_104_B1_E11_MR
60669	ZM_104_B1_F01		ZM_104_B1_F01_MR
60670	ZM_104_B1_F02		ZM_104_B1_F02_MR
60671	ZM_104_B1_F04		ZM_104_B1_F04_MR
60672	ZM_104_B1_F05		ZM_104_B1_F05_MR
60673	ZM_104_B1_F06		ZM_104_B1_F06_MR
60674	ZM_104_B1_F07		ZM_104_B1_F07_MR
60675	ZM_104_B1_F08		ZM_104_B1_F08_MR
60676	ZM_104_B1_F09		ZM_104_B1_F09_MR
60677	ZM_104_B1_F10		ZM_104_B1_F10_MR
60678	ZM_104_B1_F11		ZM_104_B1_F11_MR
60679	ZM_104_B1_F12		ZM_104_B1_F12_MR
60680	ZM_104_B1_G01		ZM_104_B1_G01_MR
60681	ZM_104_B1_G02		ZM_104_B1_G02_MR
60682	ZM_104_B1_G03		ZM_104_B1_G03_MR
60683	ZM_104_B1_G04		ZM_104_B1_G04_MR
60684	ZM_104_B1_G05		ZM_104_B1_G05_MR
60685	ZM_104_B1_G06		ZM_104_B1_G06_MR
60686	ZM_104_B1_G07		ZM_104_B1_G07_MR
60687	ZM_104_B1_G08		ZM_104_B1_G08_MR
60688	ZM_104_B1_G09		ZM_104_B1_G09_MR
60689	ZM_104_B1_H01		ZM_104_B1_H01_MR
60690	ZM_104_B1_H02		ZM_104_B1_H02_MR
60691	ZM_104_B1_H03		ZM_104_B1_H03_MR
60692	ZM_104_B1_H04		ZM_104_B1_H04_MR
60693	ZM_104_B1_H05		ZM_104_B1_H05_MR
60694	ZM_104_B1_H06		ZM_104_B1_H06_MR
60695	ZM_104_B1_H07		ZM_104_B1_H07_MR
60696	ZM_104_B1_H08		ZM_104_B1_H08_MR
60697	ZM_104_B1_H09		ZM_104_B1_H09_MR
60698	ZM_104_B1_H10		ZM_104_B1_H10_MR
60699	ZM_104_B1_H11		ZM_104_B1_H11_MR
60700	ZM_108_B1_A02		ZM_108_B1_A02_MR
60701	ZM_108_B1_A03		ZM_108_B1_A03_MR
60702	ZM_108_B1_A04		ZM_108_B1_A04_MR
60703	ZM_108_B1_A07		ZM_108_B1_A07_MR
60704	ZM_108_B1_A08		ZM_108_B1_A08_MR
60705	ZM_108_B1_A10		ZM_108_B1_A10_MR
60706	ZM_108_B1_B01		ZM_108_B1_B01_MR
60707	ZM_108_B1_B02		ZM_108_B1_B02_MR
60708	ZM_108_B1_B04		ZM_108_B1_B04_MR
60709	ZM_108_B1_B07		ZM_108_B1_B07_MR
60710	ZM_108_B1_B08		ZM_108_B1_B08_MR
60711	ZM_108_B1_B09		ZM_108_B1_B09_MR
60712	ZM_108_B1_B12		ZM_108_B1_B12_MR
60713	ZM_108_B1_C01		ZM_108_B1_C01_MR
60714	ZM_108_B1_C02		ZM_108_B1_C02_MR
60715	ZM_108_B1_C04		ZM_108_B1_C04_MR
60716	ZM_108_B1_C07		ZM_108_B1_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60717	ZM_108_B1_C09		ZM_108_B1_C09_MR
60718	ZM_108_B1_C10		ZM_108_B1_C10_MR
60719	ZM_108_B1_C11		ZM_108_B1_C11_MR
60720	ZM_108_B1_C12		ZM_108_B1_C12_MR
60721	ZM_108_B1_D02		ZM_108_B1_D02_MR
60722	ZM_108_B1_D05		ZM_108_B1_D05_MR
60723	ZM_108_B1_D07		ZM_108_B1_D07_MR
60724	ZM_108_B1_D10		ZM_108_B1_D10_MR
60725	ZM_108_B1_D11		ZM_108_B1_D11_MR
60726	ZM_108_B1_E01		ZM_108_B1_E01_MR
60727	ZM_108_B1_E02		ZM_108_B1_E02_MR
60728	ZM_108_B1_E04		ZM_108_B1_E04_MR
60729	ZM_108_B1_E07		ZM_108_B1_E07_MR
60730	ZM_108_B1_F01		ZM_108_B1_F01_MR
60731	ZM_108_B1_F07		ZM_108_B1_F07_MR
60732	ZM_108_B1_F10		ZM_108_B1_F10_MR
60733	ZM_108_B1_G01		ZM_108_B1_G01_MR
60734	ZM_108_B1_G02		ZM_108_B1_G02_MR
60735	ZM_108_B1_G07		ZM_108_B1_G07_MR
60736	ZM_108_B1_G08		ZM_108_B1_G08_MR
60737	ZM_108_B1_G10		ZM_108_B1_G10_MR
60738	ZM_108_B1_G11		ZM_108_B1_G11_MR
60739	ZM_108_B1_G12		ZM_108_B1_G12_MR
60740	ZM_108_B1_H06		ZM_108_B1_H06_MR
60741	ZM_108_B1_H07		ZM_108_B1_H07_MR
60742	ZM_108_B1_H08		ZM_108_B1_H08_MR
60743	ZM_108_B1_H09		ZM_108_B1_H09_MR
60744	ZM_108_B1_H10		ZM_108_B1_H10_MR
60745	ZM_108_B1_H11		ZM_108_B1_H11_MR
60746	ZM_108_B2_A01		ZM_108_B2_A01_MR
60747	ZM_108_B2_A02		ZM_108_B2_A02_MR
60748	ZM_108_B2_A03		ZM_108_B2_A03_MR
60749	ZM_108_B2_A04		ZM_108_B2_A04_MR
60750	ZM_108_B2_A05		ZM_108_B2_A05_MR
60751	ZM_108_B2_A07		ZM_108_B2_A07_MR
60752	ZM_108_B2_A08		ZM_108_B2_A08_MR
60753	ZM_108_B2_A09		ZM_108_B2_A09_MR
60754	ZM_108_B2_A12		ZM_108_B2_A12_MR
60755	ZM_108_B2_B01		ZM_108_B2_B01_MR
60756	ZM_108_B2_B02		ZM_108_B2_B02_MR
60757	ZM_108_B2_B03		ZM_108_B2_B03_MR
60758	ZM_108_B2_B04		ZM_108_B2_B04_MR
60759	ZM_108_B2_B05		ZM_108_B2_B05_MR
60760	ZM_108_B2_B08		ZM_108_B2_B08_MR
60761	ZM_108_B2_B09		ZM_108_B2_B09_MR
60762	ZM_108_B2_B11		ZM_108_B2_B11_MR
60763	ZM_108_B2_B12		ZM_108_B2_B12_MR
60764	ZM_108_B2_C01		ZM_108_B2_C01_MR
60765	ZM_108_B2_C02		ZM_108_B2_C02_MR
60766	ZM_108_B2_C03		ZM_108_B2_C03_MR
60767	ZM_108_B2_C04		ZM_108_B2_C04_MR
60768	ZM_108_B2_C05		ZM_108_B2_C05_MR
60769	ZM_108_B2_C06		ZM_108_B2_C06_MR
60770	ZM_108_B2_C07		ZM_108_B2_C07_MR
60771	ZM_108_B2_C08		ZM_108_B2_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60772	ZM_108_B2_C09		ZM_108_B2_C09_MR
60773	ZM_108_B2_C10		ZM_108_B2_C10_MR
60774	ZM_108_B2_C11		ZM_108_B2_C11_MR
60775	ZM_108_B2_C12		ZM_108_B2_C12_MR
60776	ZM_108_B2_D01		ZM_108_B2_D01_MR
60777	ZM_108_B2_D02		ZM_108_B2_D02_MR
60778	ZM_108_B2_D03		ZM_108_B2_D03_MR
60779	ZM_108_B2_D04		ZM_108_B2_D04_MR
60780	ZM_108_B2_D05		ZM_108_B2_D05_MR
60781	ZM_108_B2_D06		ZM_108_B2_D06_MR
60782	ZM_108_B2_D07		ZM_108_B2_D07_MR
60783	ZM_108_B2_D08		ZM_108_B2_D08_MR
60784	ZM_108_B2_D09		ZM_108_B2_D09_MR
60785	ZM_108_B2_D11		ZM_108_B2_D11_MR
60786	ZM_108_B2_D12		ZM_108_B2_D12_MR
60787	ZM_108_B2_E01		ZM_108_B2_E01_MR
60788	ZM_108_B2_E02		ZM_108_B2_E02_MR
60789	ZM_108_B2_E03		ZM_108_B2_E03_MR
60790	ZM_108_B2_E04		ZM_108_B2_E04_MR
60791	ZM_108_B2_E06		ZM_108_B2_E06_MR
60792	ZM_108_B2_E07		ZM_108_B2_E07_MR
60793	ZM_108_B2_E08		ZM_108_B2_E08_MR
60794	ZM_108_B2_E09		ZM_108_B2_E09_MR
60795	ZM_108_B2_E12		ZM_108_B2_E12_MR
60796	ZM_108_B2_F01		ZM_108_B2_F01_MR
60797	ZM_108_B2_F02		ZM_108_B2_F02_MR
60798	ZM_108_B2_F03		ZM_108_B2_F03_MR
60799	ZM_108_B2_F04		ZM_108_B2_F04_MR
60800	ZM_108_B2_F06		ZM_108_B2_F06_MR
60801	ZM_108_B2_F07		ZM_108_B2_F07_MR
60802	ZM_108_B2_F08		ZM_108_B2_F08_MR
60803	ZM_108_B2_F09		ZM_108_B2_F09_MR
60804	ZM_108_B2_F12		ZM_108_B2_F12_MR
60805	ZM_108_B2_G01		ZM_108_B2_G01_MR
60806	ZM_108_B2_G02		ZM_108_B2_G02_MR
60807	ZM_108_B2_G03		ZM_108_B2_G03_MR
60808	ZM_108_B2_G05		ZM_108_B2_G05_MR
60809	ZM_108_B2_G07		ZM_108_B2_G07_MR
60810	ZM_108_B2_G08		ZM_108_B2_G08_MR
60811	ZM_108_B2_G09		ZM_108_B2_G09_MR
60812	ZM_108_B2_G10		ZM_108_B2_G10_MR
60813	ZM_108_B2_G11		ZM_108_B2_G11_MR
60814	ZM_108_B2_G12		ZM_108_B2_G12_MR
60815	ZM_108_B2_H01		ZM_108_B2_H01_MR
60816	ZM_108_B2_H02		ZM_108_B2_H02_MR
60817	ZM_108_B2_H03		ZM_108_B2_H03_MR
60818	ZM_108_B2_H04		ZM_108_B2_H04_MR
60819	ZM_108_B2_H05		ZM_108_B2_H05_MR
60820	ZM_108_B2_H06		ZM_108_B2_H06_MR
60821	ZM_108_B2_H07		ZM_108_B2_H07_MR
60822	ZM_108_B2_H10		ZM_108_B2_H10_MR
60823	ZM_108_B2_H11		ZM_108_B2_H11_MR
60824	ZM_108_B2_H12		ZM_108_B2_H12_MR
60825	ZM_109_A1_A02	ZM_109_A1_A02_T7C	
60826	ZM_109_A1_A03	ZM_109_A1_A03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60827	ZM_109_A1_A04	ZM_109_A1_A04_T7C	
60828	ZM_109_A1_A05	ZM_109_A1_A05_T7C	
60829	ZM_109_A1_A06	ZM_109_A1_A06_T7C	
60830	ZM_109_A1_A07	ZM_109_A1_A07_T7C	
60831	ZM_109_A1_A08	ZM_109_A1_A08_T7C	
60832	ZM_109_A1_A09	ZM_109_A1_A09_T7C	
60833	ZM_109_A1_A10	ZM_109_A1_A10_T7C	
60834	ZM_109_A1_A11	ZM_109_A1_A11_T7C	
60835	ZM_109_A1_A12	ZM_109_A1_A12_T7C	
60836	ZM_109_A1_B01	ZM_109_A1_B01_T7C	
60837	ZM_109_A1_B03	ZM_109_A1_B03_T7C	
60838	ZM_109_A1_B04	ZM_109_A1_B04_T7C	
60839	ZM_109_A1_B05	ZM_109_A1_B05_T7C	
60840	ZM_109_A1_B06	ZM_109_A1_B06_T7C	
60841	ZM_109_A1_B07	ZM_109_A1_B07_T7C	
60842	ZM_109_A1_B09	ZM_109_A1_B09_T7C	
60843	ZM_109_A1_B10	ZM_109_A1_B10_T7C	
60844	ZM_109_A1_B11	ZM_109_A1_B11_T7C	
60845	ZM_109_A1_B12	ZM_109_A1_B12_T7C	
60846	ZM_109_A1_C01	ZM_109_A1_C01_T7C	
60847	ZM_109_A1_C03	ZM_109_A1_C03_T7C	
60848	ZM_109_A1_C04	ZM_109_A1_C04_T7C	
60849	ZM_109_A1_C05	ZM_109_A1_C05_T7C	
60850	ZM_109_A1_C06	ZM_109_A1_C06_T7C	
60851	ZM_109_A1_C07	ZM_109_A1_C07_T7C	
60852	ZM_109_A1_C09	ZM_109_A1_C09_T7C	
60853	ZM_109_A1_D01	ZM_109_A1_D01_T7C	
60854	ZM_109_A1_D02	ZM_109_A1_D02_T7C	
60855	ZM_109_A1_D03	ZM_109_A1_D03_T7C	
60856	ZM_109_A1_D04	ZM_109_A1_D04_T7C	
60857	ZM_109_A1_D05	ZM_109_A1_D05_T7C	
60858	ZM_109_A1_D06	ZM_109_A1_D06_T7C	
60859	ZM_109_A1_D07	ZM_109_A1_D07_T7C	
60860	ZM_109_A1_D08	ZM_109_A1_D08_T7C	
60861	ZM_109_A1_D09	ZM_109_A1_D09_T7C	
60862	ZM_109_A1_D10	ZM_109_A1_D10_T7C	
60863	ZM_109_A1_D11	ZM_109_A1_D11_T7C	
60864	ZM_109_A1_D12	ZM_109_A1_D12_T7C	
60865	ZM_109_A1_E01	ZM_109_A1_E01_T7C	
60866	ZM_109_A1_E02	ZM_109_A1_E02_T7C	
60867	ZM_109_A1_E03	ZM_109_A1_E03_T7C	
60868	ZM_109_A1_E04	ZM_109_A1_E04_T7C	
60869	ZM_109_A1_E05	ZM_109_A1_E05_T7C	
60870	ZM_109_A1_E07	ZM_109_A1_E07_T7C	
60871	ZM_109_A1_E08	ZM_109_A1_E08_T7C	
60872	ZM_109_A1_E09	ZM_109_A1_E09_T7C	
60873	ZM_109_A1_E10	ZM_109_A1_E10_T7C	
60874	ZM_109_A1_E12	ZM_109_A1_E12_T7C	
60875	ZM_109_A1_F01	ZM_109_A1_F01_T7C	
60876	ZM_109_A1_F02	ZM_109_A1_F02_T7C	
60877	ZM_109_A1_F03	ZM_109_A1_F03_T7C	
60878	ZM_109_A1_F04	ZM_109_A1_F04_T7C	
60879	ZM_109_A1_F05	ZM_109_A1_F05_T7C	
60880	ZM_109_A1_F06	ZM_109_A1_F06_T7C	
60881	ZM_109_A1_F07	ZM_109_A1_F07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60882	ZM_109_A1_F08	ZM_109_A1_F08_T7C	
60883	ZM_109_A1_F09	ZM_109_A1_F09_T7C	
60884	ZM_109_A1_F10	ZM_109_A1_F10_T7C	
60885	ZM_109_A1_F11	ZM_109_A1_F11_T7C	
60886	ZM_109_A1_F12	ZM_109_A1_F12_T7C	
60887	ZM_109_A1_G01	ZM_109_A1_G01_T7C	
60888	ZM_109_A1_G02	ZM_109_A1_G02_T7C	
60889	ZM_109_A1_G03	ZM_109_A1_G03_T7C	
60890	ZM_109_A1_G04	ZM_109_A1_G04_T7C	
60891	ZM_109_A1_G05	ZM_109_A1_G05_T7C	
60892	ZM_109_A1_G07	ZM_109_A1_G07_T7C	
60893	ZM_109_A1_G08	ZM_109_A1_G08_T7C	
60894	ZM_109_A1_G10	ZM_109_A1_G10_T7C	
60895	ZM_109_A1_G12	ZM_109_A1_G12_T7C	
60896	ZM_109_A1_H01	ZM_109_A1_H01_T7C	
60897	ZM_109_A1_H02	ZM_109_A1_H02_T7C	
60898	ZM_109_A1_H03	ZM_109_A1_H03_T7C	
60899	ZM_109_A1_H04	ZM_109_A1_H04_T7C	
60900	ZM_109_A1_H05	ZM_109_A1_H05_T7C	
60901	ZM_109_A1_H06	ZM_109_A1_H06_T7C	
60902	ZM_109_A1_H07	ZM_109_A1_H07_T7C	
60903	ZM_109_A1_H08	ZM_109_A1_H08_T7C	
60904	ZM_109_A1_H09	ZM_109_A1_H09_T7C	
60905	ZM_109_A1_H10	ZM_109_A1_H10_T7C	
60906	ZM_109_A1_H11	ZM_109_A1_H11_T7C	
60907	ZM_109_A1_H12	ZM_109_A1_H12_T7C	
60908	ZM_109_B2_A02		ZM_109_B2_A02_MR
60909	ZM_109_B2_A03		ZM_109_B2_A03_MR
60910	ZM_109_B2_A04		ZM_109_B2_A04_MR
60911	ZM_109_B2_A05		ZM_109_B2_A05_MR
60912	ZM_109_B2_A06		ZM_109_B2_A06_MR
60913	ZM_109_B2_A07		ZM_109_B2_A07_MR
60914	ZM_109_B2_A08		ZM_109_B2_A08_MR
60915	ZM_109_B2_A09		ZM_109_B2_A09_MR
60916	ZM_109_B2_A10		ZM_109_B2_A10_MR
60917	ZM_109_B2_A11		ZM_109_B2_A11_MR
60918	ZM_109_B2_A12		ZM_109_B2_A12_MR
60919	ZM_109_B2_B01		ZM_109_B2_B01_MR
60920	ZM_109_B2_B02		ZM_109_B2_B02_MR
60921	ZM_109_B2_B03		ZM_109_B2_B03_MR
60922	ZM_109_B2_B04		ZM_109_B2_B04_MR
60923	ZM_109_B2_B05		ZM_109_B2_B05_MR
60924	ZM_109_B2_B06		ZM_109_B2_B06_MR
60925	ZM_109_B2_B07		ZM_109_B2_B07_MR
60926	ZM_109_B2_B09		ZM_109_B2_B09_MR
60927	ZM_109_B2_B10		ZM_109_B2_B10_MR
60928	ZM_109_B2_B11		ZM_109_B2_B11_MR
60929	ZM_109_B2_B12		ZM_109_B2_B12_MR
60930	ZM_109_B2_C01		ZM_109_B2_C01_MR
60931	ZM_109_B2_C02		ZM_109_B2_C02_MR
60932	ZM_109_B2_C03		ZM_109_B2_C03_MR
60933	ZM_109_B2_C04		ZM_109_B2_C04_MR
60934	ZM_109_B2_C05		ZM_109_B2_C05_MR
60935	ZM_109_B2_C06		ZM_109_B2_C06_MR
60936	ZM_109_B2_C07		ZM_109_B2_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60937	ZM_109_B2_C08		ZM_109_B2_C08_MR
60938	ZM_109_B2_C09		ZM_109_B2_C09_MR
60939	ZM_109_B2_C10		ZM_109_B2_C10_MR
60940	ZM_109_B2_C11		ZM_109_B2_C11_MR
60941	ZM_109_B2_C12		ZM_109_B2_C12_MR
60942	ZM_109_B2_D01		ZM_109_B2_D01_MR
60943	ZM_109_B2_D02		ZM_109_B2_D02_MR
60944	ZM_109_B2_D04		ZM_109_B2_D04_MR
60945	ZM_109_B2_D05		ZM_109_B2_D05_MR
60946	ZM_109_B2_D06		ZM_109_B2_D06_MR
60947	ZM_109_B2_D07		ZM_109_B2_D07_MR
60948	ZM_109_B2_D08		ZM_109_B2_D08_MR
60949	ZM_109_B2_D09		ZM_109_B2_D09_MR
60950	ZM_109_B2_D10		ZM_109_B2_D10_MR
60951	ZM_109_B2_D11		ZM_109_B2_D11_MR
60952	ZM_109_B2_D12		ZM_109_B2_D12_MR
60953	ZM_109_B2_E01		ZM_109_B2_E01_MR
60954	ZM_109_B2_E02		ZM_109_B2_E02_MR
60955	ZM_109_B2_E03		ZM_109_B2_E03_MR
60956	ZM_109_B2_E04		ZM_109_B2_E04_MR
60957	ZM_109_B2_E05		ZM_109_B2_E05_MR
60958	ZM_109_B2_E06		ZM_109_B2_E06_MR
60959	ZM_109_B2_E07		ZM_109_B2_E07_MR
60960	ZM_109_B2_E09		ZM_109_B2_E09_MR
60961	ZM_109_B2_E10		ZM_109_B2_E10_MR
60962	ZM_109_B2_E11		ZM_109_B2_E11_MR
60963	ZM_109_B2_E12		ZM_109_B2_E12_MR
60964	ZM_109_B2_F01		ZM_109_B2_F01_MR
60965	ZM_109_B2_F02		ZM_109_B2_F02_MR
60966	ZM_109_B2_F03		ZM_109_B2_F03_MR
60967	ZM_109_B2_F04		ZM_109_B2_F04_MR
60968	ZM_109_B2_F05		ZM_109_B2_F05_MR
60969	ZM_109_B2_F06		ZM_109_B2_F06_MR
60970	ZM_109_B2_F07		ZM_109_B2_F07_MR
60971	ZM_109_B2_F08		ZM_109_B2_F08_MR
60972	ZM_109_B2_F09		ZM_109_B2_F09_MR
60973	ZM_109_B2_F10		ZM_109_B2_F10_MR
60974	ZM_109_B2_F11		ZM_109_B2_F11_MR
60975	ZM_109_B2_F12		ZM_109_B2_F12_MR
60976	ZM_109_B2_G01		ZM_109_B2_G01_MR
60977	ZM_109_B2_G02		ZM_109_B2_G02_MR
60978	ZM_109_B2_G03		ZM_109_B2_G03_MR
60979	ZM_109_B2_G04		ZM_109_B2_G04_MR
60980	ZM_109_B2_G05		ZM_109_B2_G05_MR
60981	ZM_109_B2_G07		ZM_109_B2_G07_MR
60982	ZM_109_B2_G08		ZM_109_B2_G08_MR
60983	ZM_109_B2_G09		ZM_109_B2_G09_MR
60984	ZM_109_B2_G10		ZM_109_B2_G10_MR
60985	ZM_109_B2_G11		ZM_109_B2_G11_MR
60986	ZM_109_B2_G12		ZM_109_B2_G12_MR
60987	ZM_109_B2_H01		ZM_109_B2_H01_MR
60988	ZM_109_B2_H02		ZM_109_B2_H02_MR
60989	ZM_109_B2_H03		ZM_109_B2_H03_MR
60990	ZM_109_B2_H04		ZM_109_B2_H04_MR
60991	ZM_109_B2_H05		ZM_109_B2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
60992	ZM_109_B2_H06		ZM_109_B2_H06_MR
60993	ZM_109_B2_H07		ZM_109_B2_H07_MR
60994	ZM_109_B2_H08		ZM_109_B2_H08_MR
60995	ZM_109_B2_H09		ZM_109_B2_H09_MR
60996	ZM_109_B2_H10		ZM_109_B2_H10_MR
60997	ZM_109_B2_H11		ZM_109_B2_H11_MR
60998	ZM_109_B2_H12		ZM_109_B2_H12_MR
60999	ZM_111_A1_A01	ZM_111_A1_A01_T7C	
61000	ZM_111_A1_A01		ZM_111_A1_A01_MR
61001	ZM_111_A1_A02	ZM_111_A1_A02_T7C	
61002	ZM_111_A1_A02		ZM_111_A1_A02_MR
61003	ZM_111_A1_A03	ZM_111_A1_A03_T7C	
61004	ZM_111_A1_A03		ZM_111_A1_A03_MR
61005	ZM_111_A1_A04	ZM_111_A1_A04_T7C	
61006	ZM_111_A1_A04		ZM_111_A1_A04_MR
61007	ZM_111_A1_A05	ZM_111_A1_A05_T7C	
61008	ZM_111_A1_A05		ZM_111_A1_A05_MR
61009	ZM_111_A1_A06	ZM_111_A1_A06_T7C	
61010	ZM_111_A1_A06		ZM_111_A1_A06_MR
61011	ZM_111_A1_A07	ZM_111_A1_A07_T7C	
61012	ZM_111_A1_A07		ZM_111_A1_A07_MR
61013	ZM_111_A1_A08	ZM_111_A1_A08_T7C	
61014	ZM_111_A1_A08		ZM_111_A1_A08_MR
61015	ZM_111_A1_A09	ZM_111_A1_A09_T7C	
61016	ZM_111_A1_A09		ZM_111_A1_A09_MR
61017	ZM_111_A1_A10	ZM_111_A1_A10_T7C	
61018	ZM_111_A1_A10		ZM_111_A1_A10_MR
61019	ZM_111_A1_A12	ZM_111_A1_A12_T7C	
61020	ZM_111_A1_A12		ZM_111_A1_A12_MR
61021	ZM_111_A1_B01	ZM_111_A1_B01_T7C	
61022	ZM_111_A1_B01		ZM_111_A1_B01_MR
61023	ZM_111_A1_B02	ZM_111_A1_B02_T7C	
61024	ZM_111_A1_B02		ZM_111_A1_B02_MR
61025	ZM_111_A1_B03	ZM_111_A1_B03_T7C	
61026	ZM_111_A1_B03		ZM_111_A1_B03_MR
61027	ZM_111_A1_B04	ZM_111_A1_B04_T7C	
61028	ZM_111_A1_B04		ZM_111_A1_B04_MR
61029	ZM_111_A1_B05	ZM_111_A1_B05_T7C	
61030	ZM_111_A1_B05		ZM_111_A1_B05_MR
61031	ZM_111_A1_B06	ZM_111_A1_B06_T7C	
61032	ZM_111_A1_B06		ZM_111_A1_B06_MR
61033	ZM_111_A1_B07	ZM_111_A1_B07_T7C	
61034	ZM_111_A1_B07		ZM_111_A1_B07_MR
61035	ZM_111_A1_B08	ZM_111_A1_B08_T7C	
61036	ZM_111_A1_B08		ZM_111_A1_B08_MR
61037	ZM_111_A1_B09	ZM_111_A1_B09_T7C	
61038	ZM_111_A1_B09		ZM_111_A1_B09_MR
61039	ZM_111_A1_B10	ZM_111_A1_B10_T7C	
61040	ZM_111_A1_B10		ZM_111_A1_B10_MR
61041	ZM_111_A1_B11	ZM_111_A1_B11_T7C	
61042	ZM_111_A1_B11		ZM_111_A1_B11_MR
61043	ZM_111_A1_B12	ZM_111_A1_B12_T7C	
61044	ZM_111_A1_B12		ZM_111_A1_B12_MR
61045	ZM_111_A1_C01	ZM_111_A1_C01_T7C	
61046	ZM_111_A1_C01		ZM_111_A1_C01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61047	ZM_111_A1_C02	ZM_111_A1_C02_T7C	
61048	ZM_111_A1_C02		ZM_111_A1_C02_MR
61049	ZM_111_A1_C03	ZM_111_A1_C03_T7C	
61050	ZM_111_A1_C03		ZM_111_A1_C03_MR
61051	ZM_111_A1_C04	ZM_111_A1_C04_T7C	
61052	ZM_111_A1_C04		ZM_111_A1_C04_MR
61053	ZM_111_A1_C05	ZM_111_A1_C05_T7C	
61054	ZM_111_A1_C05		ZM_111_A1_C05_MR
61055	ZM_111_A1_C06	ZM_111_A1_C06_T7C	
61056	ZM_111_A1_C06		ZM_111_A1_C06_MR
61057	ZM_111_A1_C07	ZM_111_A1_C07_T7C	
61058	ZM_111_A1_C07		ZM_111_A1_C07_MR
61059	ZM_111_A1_C08	ZM_111_A1_C08_T7C	
61060	ZM_111_A1_C08		ZM_111_A1_C08_MR
61061	ZM_111_A1_C09		ZM_111_A1_C09_MR
61062	ZM_111_A1_C10	ZM_111_A1_C10_T7C	
61063	ZM_111_A1_C10		ZM_111_A1_C10_MR
61064	ZM_111_A1_C11	ZM_111_A1_C11_T7C	
61065	ZM_111_A1_C11		ZM_111_A1_C11_MR
61066	ZM_111_A1_C12	ZM_111_A1_C12_T7C	
61067	ZM_111_A1_C12		ZM_111_A1_C12_MR
61068	ZM_111_A1_D01	ZM_111_A1_D01_T7C	
61069	ZM_111_A1_D01		ZM_111_A1_D01_MR
61070	ZM_111_A1_D02	ZM_111_A1_D02_T7C	
61071	ZM_111_A1_D02		ZM_111_A1_D02_MR
61072	ZM_111_A1_D03	ZM_111_A1_D03_T7C	
61073	ZM_111_A1_D03		ZM_111_A1_D03_MR
61074	ZM_111_A1_D04	ZM_111_A1_D04_T7C	
61075	ZM_111_A1_D06	ZM_111_A1_D06_T7C	
61076	ZM_111_A1_D06		ZM_111_A1_D06_MR
61077	ZM_111_A1_D07	ZM_111_A1_D07_T7C	
61078	ZM_111_A1_D07		ZM_111_A1_D07_MR
61079	ZM_111_A1_D08	ZM_111_A1_D08_T7C	
61080	ZM_111_A1_D08		ZM_111_A1_D08_MR
61081	ZM_111_A1_D09	ZM_111_A1_D09_T7C	
61082	ZM_111_A1_D09		ZM_111_A1_D09_MR
61083	ZM_111_A1_D10	ZM_111_A1_D10_T7C	
61084	ZM_111_A1_D10		ZM_111_A1_D10_MR
61085	ZM_111_A1_D11	ZM_111_A1_D11_T7C	
61086	ZM_111_A1_D11		ZM_111_A1_D11_MR
61087	ZM_111_A1_D12	ZM_111_A1_D12_T7C	
61088	ZM_111_A1_D12		ZM_111_A1_D12_MR
61089	ZM_111_A1_E01	ZM_111_A1_E01_T7C	
61090	ZM_111_A1_E01		ZM_111_A1_E01_MR
61091	ZM_111_A1_E03	ZM_111_A1_E03_T7C	
61092	ZM_111_A1_E03		ZM_111_A1_E03_MR
61093	ZM_111_A1_E04	ZM_111_A1_E04_T7C	
61094	ZM_111_A1_E04		ZM_111_A1_E04_MR
61095	ZM_111_A1_E05	ZM_111_A1_E05_T7C	
61096	ZM_111_A1_E05		ZM_111_A1_E05_MR
61097	ZM_111_A1_E06	ZM_111_A1_E06_T7C	
61098	ZM_111_A1_E06		ZM_111_A1_E06_MR
61099	ZM_111_A1_E07	ZM_111_A1_E07_T7C	
61100	ZM_111_A1_E08	ZM_111_A1_E08_T7C	
61101	ZM_111_A1_E08		ZM_111_A1_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61102	ZM_111_A1_E09	ZM_111_A1_E09_T7C	
61103	ZM_111_A1_E09		ZM_111_A1_E09_MR
61104	ZM_111_A1_E10	ZM_111_A1_E10_T7C	
61105	ZM_111_A1_E10		ZM_111_A1_E10_MR
61106	ZM_111_A1_E11	ZM_111_A1_E11_T7C	
61107	ZM_111_A1_E11		ZM_111_A1_E11_MR
61108	ZM_111_A1_E12	ZM_111_A1_E12_T7C	
61109	ZM_111_A1_E12		ZM_111_A1_E12_MR
61110	ZM_111_A1_F01	ZM_111_A1_F01_T7C	
61111	ZM_111_A1_F01		ZM_111_A1_F01_MR
61112	ZM_111_A1_F02	ZM_111_A1_F02_T7C	
61113	ZM_111_A1_F02		ZM_111_A1_F02_MR
61114	ZM_111_A1_F03	ZM_111_A1_F03_T7C	
61115	ZM_111_A1_F03		ZM_111_A1_F03_MR
61116	ZM_111_A1_F04	ZM_111_A1_F04_T7C	
61117	ZM_111_A1_F04		ZM_111_A1_F04_MR
61118	ZM_111_A1_F05	ZM_111_A1_F05_T7C	
61119	ZM_111_A1_F05		ZM_111_A1_F05_MR
61120	ZM_111_A1_F06	ZM_111_A1_F06_T7C	
61121	ZM_111_A1_F06		ZM_111_A1_F06_MR
61122	ZM_111_A1_F07	ZM_111_A1_F07_T7C	
61123	ZM_111_A1_F07		ZM_111_A1_F07_MR
61124	ZM_111_A1_F08		ZM_111_A1_F08_MR
61125	ZM_111_A1_F09	ZM_111_A1_F09_T7C	
61126	ZM_111_A1_F09		ZM_111_A1_F09_MR
61127	ZM_111_A1_F10	ZM_111_A1_F10_T7C	
61128	ZM_111_A1_F10		ZM_111_A1_F10_MR
61129	ZM_111_A1_F11	ZM_111_A1_F11_T7C	
61130	ZM_111_A1_F11		ZM_111_A1_F11_MR
61131	ZM_111_A1_G01	ZM_111_A1_G01_T7C	
61132	ZM_111_A1_G01		ZM_111_A1_G01_MR
61133	ZM_111_A1_G02	ZM_111_A1_G02_T7C	
61134	ZM_111_A1_G02		ZM_111_A1_G02_MR
61135	ZM_111_A1_G03	ZM_111_A1_G03_T7C	
61136	ZM_111_A1_G03		ZM_111_A1_G03_MR
61137	ZM_111_A1_G04	ZM_111_A1_G04_T7C	
61138	ZM_111_A1_G04		ZM_111_A1_G04_MR
61139	ZM_111_A1_G05	ZM_111_A1_G05_T7C	
61140	ZM_111_A1_G05		ZM_111_A1_G05_MR
61141	ZM_111_A1_G06	ZM_111_A1_G06_T7C	
61142	ZM_111_A1_G06		ZM_111_A1_G06_MR
61143	ZM_111_A1_G07	ZM_111_A1_G07_T7C	
61144	ZM_111_A1_G07		ZM_111_A1_G07_MR
61145	ZM_111_A1_G08	ZM_111_A1_G08_T7C	
61146	ZM_111_A1_G08		ZM_111_A1_G08_MR
61147	ZM_111_A1_G09	ZM_111_A1_G09_T7C	
61148	ZM_111_A1_G09		ZM_111_A1_G09_MR
61149	ZM_111_A1_G10	ZM_111_A1_G10_T7C	
61150	ZM_111_A1_G10		ZM_111_A1_G10_MR
61151	ZM_111_A1_G11	ZM_111_A1_G11_T7C	
61152	ZM_111_A1_G12	ZM_111_A1_G12_T7C	
61153	ZM_111_A1_G12		ZM_111_A1_G12_MR
61154	ZM_111_A1_H01	ZM_111_A1_H01_T7C	
61155	ZM_111_A1_H01		ZM_111_A1_H01_MR
61156	ZM_111_A1_H02	ZM_111_A1_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61157	ZM_111_A1_H03	ZM_111_A1_H03_T7C	
61158	ZM_111_A1_H03		ZM_111_A1_H03_MR
61159	ZM_111_A1_H04	ZM_111_A1_H04_T7C	
61160	ZM_111_A1_H04		ZM_111_A1_H04_MR
61161	ZM_111_A1_H05		ZM_111_A1_H05_MR
61162	ZM_111_A1_H06	ZM_111_A1_H06_T7C	
61163	ZM_111_A1_H06		ZM_111_A1_H06_MR
61164	ZM_111_A1_H08	ZM_111_A1_H08_T7C	
61165	ZM_111_A1_H08		ZM_111_A1_H08_MR
61166	ZM_111_A1_H09	ZM_111_A1_H09_T7C	
61167	ZM_111_A1_H09		ZM_111_A1_H09_MR
61168	ZM_111_A1_H10	ZM_111_A1_H10_T7C	
61169	ZM_111_A1_H10		ZM_111_A1_H10_MR
61170	ZM_111_A1_H11	ZM_111_A1_H11_T7C	
61171	ZM_111_A1_H12	ZM_111_A1_H12_T7C	
61172	ZM_111_A1_H12		ZM_111_A1_H12_MR
61173	ZM_114_A1_A02	ZM_114_A1_A02_T7C	
61174	ZM_114_A1_A02		ZM_114_A1_A02_MR
61175	ZM_114_A1_A03	ZM_114_A1_A03_T7C	
61176	ZM_114_A1_A04	ZM_114_A1_A04_T7C	
61177	ZM_114_A1_A04		ZM_114_A1_A04_MR
61178	ZM_114_A1_A05	ZM_114_A1_A05_T7C	
61179	ZM_114_A1_A05		ZM_114_A1_A05_MR
61180	ZM_114_A1_A06	ZM_114_A1_A06_T7C	
61181	ZM_114_A1_A07	ZM_114_A1_A07_T7C	
61182	ZM_114_A1_A07		ZM_114_A1_A07_MR
61183	ZM_114_A1_A09	ZM_114_A1_A09_T7C	
61184	ZM_114_A1_A09		ZM_114_A1_A09_MR
61185	ZM_114_A1_A10	ZM_114_A1_A10_T7C	
61186	ZM_114_A1_A10		ZM_114_A1_A10_MR
61187	ZM_114_A1_A12	ZM_114_A1_A12_T7C	
61188	ZM_114_A1_B01	ZM_114_A1_B01_T7C	
61189	ZM_114_A1_B01		ZM_114_A1_B01_MR
61190	ZM_114_A1_B02	ZM_114_A1_B02_T7C	
61191	ZM_114_A1_B02		ZM_114_A1_B02_MR
61192	ZM_114_A1_B03	ZM_114_A1_B03_T7C	
61193	ZM_114_A1_B03		ZM_114_A1_B03_MR
61194	ZM_114_A1_B04	ZM_114_A1_B04_T7C	
61195	ZM_114_A1_B06	ZM_114_A1_B06_T7C	
61196	ZM_114_A1_B06		ZM_114_A1_B06_MR
61197	ZM_114_A1_B07	ZM_114_A1_B07_T7C	
61198	ZM_114_A1_B07		ZM_114_A1_B07_MR
61199	ZM_114_A1_B08	ZM_114_A1_B08_T7C	
61200	ZM_114_A1_B08		ZM_114_A1_B08_MR
61201	ZM_114_A1_B11	ZM_114_A1_B11_T7C	
61202	ZM_114_A1_B11		ZM_114_A1_B11_MR
61203	ZM_114_A1_C01	ZM_114_A1_C01_T7C	
61204	ZM_114_A1_C01		ZM_114_A1_C01_MR
61205	ZM_114_A1_C02	ZM_114_A1_C02_T7C	
61206	ZM_114_A1_C02		ZM_114_A1_C02_MR
61207	ZM_114_A1_C03	ZM_114_A1_C03_T7C	
61208	ZM_114_A1_C03		ZM_114_A1_C03_MR
61209	ZM_114_A1_C04	ZM_114_A1_C04_T7C	
61210	ZM_114_A1_C04		ZM_114_A1_C04_MR
61211	ZM_114_A1_C05	ZM_114_A1_C05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61212	ZM_114_A1_C05		ZM_114_A1_C05_MR
61213	ZM_114_A1_C07	ZM_114_A1_C07_T7C	ZM_114_A1_C07_MR
61214	ZM_114_A1_C07		
61215	ZM_114_A1_C08	ZM_114_A1_C08_T7C	ZM_114_A1_C08_MR
61216	ZM_114_A1_C08		
61217	ZM_114_A1_C09	ZM_114_A1_C09_T7C	ZM_114_A1_C09_MR
61218	ZM_114_A1_C09		
61219	ZM_114_A1_C10	ZM_114_A1_C10_T7C	ZM_114_A1_C10_MR
61220	ZM_114_A1_C10		
61221	ZM_114_A1_C11	ZM_114_A1_C11_T7C	ZM_114_A1_C11_MR
61222	ZM_114_A1_C11		
61223	ZM_114_A1_C12	ZM_114_A1_C12_T7C	ZM_114_A1_D01_MR
61224	ZM_114_A1_D01		
61225	ZM_114_A1_D02	ZM_114_A1_D02_T7C	ZM_114_A1_D02_MR
61226	ZM_114_A1_D02		
61227	ZM_114_A1_D04	ZM_114_A1_D04_T7C	ZM_114_A1_D04_MR
61228	ZM_114_A1_D04		
61229	ZM_114_A1_D05	ZM_114_A1_D05_T7C	ZM_114_A1_D05_MR
61230	ZM_114_A1_D05		
61231	ZM_114_A1_D06	ZM_114_A1_D06_T7C	ZM_114_A1_D06_MR
61232	ZM_114_A1_D06		
61233	ZM_114_A1_D07	ZM_114_A1_D07_T7C	ZM_114_A1_D07_MR
61234	ZM_114_A1_D07		
61235	ZM_114_A1_D08	ZM_114_A1_D08_T7C	ZM_114_A1_D08_MR
61236	ZM_114_A1_D08		
61237	ZM_114_A1_D09	ZM_114_A1_D09_T7C	ZM_114_A1_D09_MR
61238	ZM_114_A1_D09		
61239	ZM_114_A1_D11	ZM_114_A1_D11_T7C	ZM_114_A1_D11_MR
61240	ZM_114_A1_D11		
61241	ZM_114_A1_D12	ZM_114_A1_D12_T7C	ZM_114_A1_D12_MR
61242	ZM_114_A1_D12		
61243	ZM_114_A1_E01	ZM_114_A1_E01_T7C	
61244	ZM_114_A1_E02	ZM_114_A1_E02_T7C	ZM_114_A1_E02_MR
61245	ZM_114_A1_E02		
61246	ZM_114_A1_E03	ZM_114_A1_E03_T7C	
61247	ZM_114_A1_E04	ZM_114_A1_E04_T7C	ZM_114_A1_E04_MR
61248	ZM_114_A1_E04		
61249	ZM_114_A1_E05	ZM_114_A1_E05_T7C	ZM_114_A1_E05_MR
61250	ZM_114_A1_E05		
61251	ZM_114_A1_E08	ZM_114_A1_E08_T7C	ZM_114_A1_E08_MR
61252	ZM_114_A1_E08		
61253	ZM_114_A1_E09	ZM_114_A1_E09_T7C	ZM_114_A1_E09_MR
61254	ZM_114_A1_E09		
61255	ZM_114_A1_E10	ZM_114_A1_E10_T7C	ZM_114_A1_E10_MR
61256	ZM_114_A1_E10		
61257	ZM_114_A1_E11	ZM_114_A1_E11_T7C	
61258	ZM_114_A1_E12	ZM_114_A1_E12_T7C	
61259	ZM_114_A1_F01	ZM_114_A1_F01_T7C	ZM_114_A1_F01_MR
61260	ZM_114_A1_F01		
61261	ZM_114_A1_F02	ZM_114_A1_F02_T7C	ZM_114_A1_F02_MR
61262	ZM_114_A1_F02		
61263	ZM_114_A1_F03	ZM_114_A1_F03_T7C	ZM_114_A1_F03_MR
61264	ZM_114_A1_F03		
61265	ZM_114_A1_F04	ZM_114_A1_F04_T7C	ZM_114_A1_F04_MR
61266	ZM_114_A1_F04		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61267	ZM_114_A1_F05	ZM_114_A1_F05_T7C	
61268	ZM_114_A1_F05		ZM_114_A1_F05_MR
61269	ZM_114_A1_F06		ZM_114_A1_F06_MR
61270	ZM_114_A1_F07	ZM_114_A1_F07_T7C	
61271	ZM_114_A1_F07		ZM_114_A1_F07_MR
61272	ZM_114_A1_F08	ZM_114_A1_F08_T7C	
61273	ZM_114_A1_F08		ZM_114_A1_F08_MR
61274	ZM_114_A1_F09	ZM_114_A1_F09_T7C	
61275	ZM_114_A1_F09		ZM_114_A1_F09_MR
61276	ZM_114_A1_F10	ZM_114_A1_F10_T7C	
61277	ZM_114_A1_F10		ZM_114_A1_F10_MR
61278	ZM_114_A1_F11	ZM_114_A1_F11_T7C	
61279	ZM_114_A1_F11		ZM_114_A1_F11_MR
61280	ZM_114_A1_F12	ZM_114_A1_F12_T7C	
61281	ZM_114_A1_F12		ZM_114_A1_F12_MR
61282	ZM_114_A1_G01	ZM_114_A1_G01_T7C	
61283	ZM_114_A1_G01		ZM_114_A1_G01_MR
61284	ZM_114_A1_G02	ZM_114_A1_G02_T7C	
61285	ZM_114_A1_G02		ZM_114_A1_G02_MR
61286	ZM_114_A1_G03	ZM_114_A1_G03_T7C	
61287	ZM_114_A1_G04	ZM_114_A1_G04_T7C	
61288	ZM_114_A1_G04		ZM_114_A1_G04_MR
61289	ZM_114_A1_G05	ZM_114_A1_G05_T7C	
61290	ZM_114_A1_G06	ZM_114_A1_G06_T7C	
61291	ZM_114_A1_G07	ZM_114_A1_G07_T7C	
61292	ZM_114_A1_G07		ZM_114_A1_G07_MR
61293	ZM_114_A1_G08	ZM_114_A1_G08_T7C	
61294	ZM_114_A1_G08		ZM_114_A1_G08_MR
61295	ZM_114_A1_G09	ZM_114_A1_G09_T7C	
61296	ZM_114_A1_G09		ZM_114_A1_G09_MR
61297	ZM_114_A1_G10	ZM_114_A1_G10_T7C	
61298	ZM_114_A1_G10		ZM_114_A1_G10_MR
61299	ZM_114_A1_G11	ZM_114_A1_G11_T7C	
61300	ZM_114_A1_G11		ZM_114_A1_G11_MR
61301	ZM_114_A1_H01	ZM_114_A1_H01_T7C	
61302	ZM_114_A1_H01		ZM_114_A1_H01_MR
61303	ZM_114_A1_H02	ZM_114_A1_H02_T7C	
61304	ZM_114_A1_H02		ZM_114_A1_H02_MR
61305	ZM_114_A1_H03	ZM_114_A1_H03_T7C	
61306	ZM_114_A1_H03		ZM_114_A1_H03_MR
61307	ZM_114_A1_H04	ZM_114_A1_H04_T7C	
61308	ZM_114_A1_H04		ZM_114_A1_H04_MR
61309	ZM_114_A1_H05	ZM_114_A1_H05_T7C	
61310	ZM_114_A1_H05		ZM_114_A1_H05_MR
61311	ZM_114_A1_H06	ZM_114_A1_H06_T7C	
61312	ZM_114_A1_H06		ZM_114_A1_H06_MR
61313	ZM_114_A1_H07	ZM_114_A1_H07_T7C	
61314	ZM_114_A1_H07		ZM_114_A1_H07_MR
61315	ZM_114_A1_H08	ZM_114_A1_H08_T7C	
61316	ZM_114_A1_H08		ZM_114_A1_H08_MR
61317	ZM_114_A1_H09	ZM_114_A1_H09_T7C	
61318	ZM_114_A1_H09		ZM_114_A1_H09_MR
61319	ZM_114_A1_H10	ZM_114_A1_H10_T7C	
61320	ZM_114_A1_H10		ZM_114_A1_H10_MR
61321	ZM_114_A1_H11	ZM_114_A1_H11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61322	ZM_114_A1_H11		ZM_114_A1_H11_MR
61323	ZM_115_B2_A01	ZM_115_B2_A01_T7C	
61324	ZM_115_B2_A02	ZM_115_B2_A02_T7C	
61325	ZM_115_B2_A02		ZM_115_B2_A02_MR
61326	ZM_115_B2_A03	ZM_115_B2_A03_T7C	
61327	ZM_115_B2_A03		ZM_115_B2_A03_MR
61328	ZM_115_B2_A04	ZM_115_B2_A04_T7C	
61329	ZM_115_B2_A04		ZM_115_B2_A04_MR
61330	ZM_115_B2_A05	ZM_115_B2_A05_T7C	
61331	ZM_115_B2_A05		ZM_115_B2_A05_MR
61332	ZM_115_B2_A07	ZM_115_B2_A07_T7C	
61333	ZM_115_B2_A07		ZM_115_B2_A07_MR
61334	ZM_115_B2_A08	ZM_115_B2_A08_T7C	
61335	ZM_115_B2_A08		ZM_115_B2_A08_MR
61336	ZM_115_B2_A09		ZM_115_B2_A09_MR
61337	ZM_115_B2_A10	ZM_115_B2_A10_T7C	
61338	ZM_115_B2_A10		ZM_115_B2_A10_MR
61339	ZM_115_B2_A11	ZM_115_B2_A11_T7C	
61340	ZM_115_B2_A11		ZM_115_B2_A11_MR
61341	ZM_115_B2_A12	ZM_115_B2_A12_T7C	
61342	ZM_115_B2_A12		ZM_115_B2_A12_MR
61343	ZM_115_B2_B01	ZM_115_B2_B01_T7C	
61344	ZM_115_B2_B01		ZM_115_B2_B01_MR
61345	ZM_115_B2_B02	ZM_115_B2_B02_T7C	
61346	ZM_115_B2_B02		ZM_115_B2_B02_MR
61347	ZM_115_B2_B03	ZM_115_B2_B03_T7C	
61348	ZM_115_B2_B03		ZM_115_B2_B03_MR
61349	ZM_115_B2_B05	ZM_115_B2_B05_T7C	
61350	ZM_115_B2_B05		ZM_115_B2_B05_MR
61351	ZM_115_B2_B06		ZM_115_B2_B06_MR
61352	ZM_115_B2_B07	ZM_115_B2_B07_T7C	
61353	ZM_115_B2_B07		ZM_115_B2_B07_MR
61354	ZM_115_B2_B08	ZM_115_B2_B08_T7C	
61355	ZM_115_B2_B08		ZM_115_B2_B08_MR
61356	ZM_115_B2_B09	ZM_115_B2_B09_T7C	
61357	ZM_115_B2_B09		ZM_115_B2_B09_MR
61358	ZM_115_B2_B10	ZM_115_B2_B10_T7C	
61359	ZM_115_B2_B10		ZM_115_B2_B10_MR
61360	ZM_115_B2_B11	ZM_115_B2_B11_T7C	
61361	ZM_115_B2_B11		ZM_115_B2_B11_MR
61362	ZM_115_B2_B12	ZM_115_B2_B12_T7C	
61363	ZM_115_B2_B12		ZM_115_B2_B12_MR
61364	ZM_115_B2_C01	ZM_115_B2_C01_T7C	
61365	ZM_115_B2_C01		ZM_115_B2_C01_MR
61366	ZM_115_B2_C02	ZM_115_B2_C02_T7C	
61367	ZM_115_B2_C02		ZM_115_B2_C02_MR
61368	ZM_115_B2_C03	ZM_115_B2_C03_T7C	
61369	ZM_115_B2_C03		ZM_115_B2_C03_MR
61370	ZM_115_B2_C04	ZM_115_B2_C04_T7C	
61371	ZM_115_B2_C04		ZM_115_B2_C04_MR
61372	ZM_115_B2_C05	ZM_115_B2_C05_T7C	
61373	ZM_115_B2_C05		ZM_115_B2_C05_MR
61374	ZM_115_B2_C06	ZM_115_B2_C06_T7C	
61375	ZM_115_B2_C06		ZM_115_B2_C06_MR
61376	ZM_115_B2_C07	ZM_115_B2_C07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61377	ZM_115_B2_C07		ZM_115_B2_C07_MR
61378	ZM_115_B2_C08	ZM_115_B2_C08_T7C	
61379	ZM_115_B2_C08		ZM_115_B2_C08_MR
61380	ZM_115_B2_C10	ZM_115_B2_C10_T7C	
61381	ZM_115_B2_C10		ZM_115_B2_C10_MR
61382	ZM_115_B2_C11	ZM_115_B2_C11_T7C	
61383	ZM_115_B2_C11		ZM_115_B2_C11_MR
61384	ZM_115_B2_C12	ZM_115_B2_C12_T7C	
61385	ZM_115_B2_C12		ZM_115_B2_C12_MR
61386	ZM_115_B2_D01	ZM_115_B2_D01_T7C	
61387	ZM_115_B2_D01		ZM_115_B2_D01_MR
61388	ZM_115_B2_D02	ZM_115_B2_D02_T7C	
61389	ZM_115_B2_D02		ZM_115_B2_D02_MR
61390	ZM_115_B2_D03	ZM_115_B2_D03_T7C	
61391	ZM_115_B2_D03		ZM_115_B2_D03_MR
61392	ZM_115_B2_D04	ZM_115_B2_D04_T7C	
61393	ZM_115_B2_D04		ZM_115_B2_D04_MR
61394	ZM_115_B2_D05	ZM_115_B2_D05_T7C	
61395	ZM_115_B2_D05		ZM_115_B2_D05_MR
61396	ZM_115_B2_D06	ZM_115_B2_D06_T7C	
61397	ZM_115_B2_D06		ZM_115_B2_D06_MR
61398	ZM_115_B2_D07	ZM_115_B2_D07_T7C	
61399	ZM_115_B2_D08	ZM_115_B2_D08_T7C	
61400	ZM_115_B2_D08		ZM_115_B2_D08_MR
61401	ZM_115_B2_D09	ZM_115_B2_D09_T7C	
61402	ZM_115_B2_D09		ZM_115_B2_D09_MR
61403	ZM_115_B2_D10	ZM_115_B2_D10_T7C	
61404	ZM_115_B2_D11	ZM_115_B2_D11_T7C	
61405	ZM_115_B2_D11		ZM_115_B2_D11_MR
61406	ZM_115_B2_D12	ZM_115_B2_D12_T7C	
61407	ZM_115_B2_D12		ZM_115_B2_D12_MR
61408	ZM_115_B2_E01	ZM_115_B2_E01_T7C	
61409	ZM_115_B2_E01		ZM_115_B2_E01_MR
61410	ZM_115_B2_E02	ZM_115_B2_E02_T7C	
61411	ZM_115_B2_E02		ZM_115_B2_E02_MR
61412	ZM_115_B2_E03	ZM_115_B2_E03_T7C	
61413	ZM_115_B2_E03		ZM_115_B2_E03_MR
61414	ZM_115_B2_E04	ZM_115_B2_E04_T7C	
61415	ZM_115_B2_E04		ZM_115_B2_E04_MR
61416	ZM_115_B2_E05	ZM_115_B2_E05_T7C	
61417	ZM_115_B2_E05		ZM_115_B2_E05_MR
61418	ZM_115_B2_E06	ZM_115_B2_E06_T7C	
61419	ZM_115_B2_E06		ZM_115_B2_E06_MR
61420	ZM_115_B2_E07	ZM_115_B2_E07_T7C	
61421	ZM_115_B2_E07		ZM_115_B2_E07_MR
61422	ZM_115_B2_E10	ZM_115_B2_E10_T7C	
61423	ZM_115_B2_E10		ZM_115_B2_E10_MR
61424	ZM_115_B2_E11	ZM_115_B2_E11_T7C	
61425	ZM_115_B2_E11		ZM_115_B2_E11_MR
61426	ZM_115_B2_E12	ZM_115_B2_E12_T7C	
61427	ZM_115_B2_E12		ZM_115_B2_E12_MR
61428	ZM_115_B2_F01	ZM_115_B2_F01_T7C	
61429	ZM_115_B2_F01		ZM_115_B2_F01_MR
61430	ZM_115_B2_F02	ZM_115_B2_F02_T7C	
61431	ZM_115_B2_F02		ZM_115_B2_F02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61432	ZM_115_B2_F03		ZM_115_B2_F03_MR
61433	ZM_115_B2_F04		ZM_115_B2_F04_MR
61434	ZM_115_B2_F06	ZM_115_B2_F06_T7C	
61435	ZM_115_B2_F06		ZM_115_B2_F06_MR
61436	ZM_115_B2_F07	ZM_115_B2_F07_T7C	
61437	ZM_115_B2_F07		ZM_115_B2_F07_MR
61438	ZM_115_B2_F08	ZM_115_B2_F08_T7C	
61439	ZM_115_B2_F08		ZM_115_B2_F08_MR
61440	ZM_115_B2_F09	ZM_115_B2_F09_T7C	
61441	ZM_115_B2_F10		ZM_115_B2_F10_MR
61442	ZM_115_B2_F11	ZM_115_B2_F11_T7C	
61443	ZM_115_B2_F11		ZM_115_B2_F11_MR
61444	ZM_115_B2_F12	ZM_115_B2_F12_T7C	
61445	ZM_115_B2_F12		ZM_115_B2_F12_MR
61446	ZM_115_B2_G02	ZM_115_B2_G02_T7C	
61447	ZM_115_B2_G02		ZM_115_B2_G02_MR
61448	ZM_115_B2_G03	ZM_115_B2_G03_T7C	
61449	ZM_115_B2_G04	ZM_115_B2_G04_T7C	
61450	ZM_115_B2_G04		ZM_115_B2_G04_MR
61451	ZM_115_B2_G05		ZM_115_B2_G05_MR
61452	ZM_115_B2_G06	ZM_115_B2_G06_T7C	
61453	ZM_115_B2_G07	ZM_115_B2_G07_T7C	
61454	ZM_115_B2_G07		ZM_115_B2_G07_MR
61455	ZM_115_B2_G08	ZM_115_B2_G08_T7C	
61456	ZM_115_B2_G08		ZM_115_B2_G08_MR
61457	ZM_115_B2_G09	ZM_115_B2_G09_T7C	
61458	ZM_115_B2_G10		ZM_115_B2_G10_MR
61459	ZM_115_B2_G11	ZM_115_B2_G11_T7C	
61460	ZM_115_B2_G11		ZM_115_B2_G11_MR
61461	ZM_115_B2_G12	ZM_115_B2_G12_T7C	
61462	ZM_115_B2_G12		ZM_115_B2_G12_MR
61463	ZM_115_B2_H01	ZM_115_B2_H01_T7C	
61464	ZM_115_B2_H01		ZM_115_B2_H01_MR
61465	ZM_115_B2_H02	ZM_115_B2_H02_T7C	
61466	ZM_115_B2_H02		ZM_115_B2_H02_MR
61467	ZM_115_B2_H03	ZM_115_B2_H03_T7C	
61468	ZM_115_B2_H03		ZM_115_B2_H03_MR
61469	ZM_115_B2_H04	ZM_115_B2_H04_T7C	
61470	ZM_115_B2_H04		ZM_115_B2_H04_MR
61471	ZM_115_B2_H05	ZM_115_B2_H05_T7C	
61472	ZM_115_B2_H05		ZM_115_B2_H05_MR
61473	ZM_115_B2_H06	ZM_115_B2_H06_T7C	
61474	ZM_115_B2_H06		ZM_115_B2_H06_MR
61475	ZM_115_B2_H07	ZM_115_B2_H07_T7C	
61476	ZM_115_B2_H07		ZM_115_B2_H07_MR
61477	ZM_115_B2_H08	ZM_115_B2_H08_T7C	
61478	ZM_115_B2_H08		ZM_115_B2_H08_MR
61479	ZM_115_B2_H09	ZM_115_B2_H09_T7C	
61480	ZM_115_B2_H09		ZM_115_B2_H09_MR
61481	ZM_115_B2_H10	ZM_115_B2_H10_T7C	
61482	ZM_115_B2_H10		ZM_115_B2_H10_MR
61483	ZM_115_B2_H11	ZM_115_B2_H11_T7C	
61484	ZM_115_B2_H11		ZM_115_B2_H11_MR
61485	ZM_116_B1_A04	ZM_116_B1_A04_T7C	
61486	ZM_116_B1_A05	ZM_116_B1_A05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61487	ZM_116_B1_A06	ZM_116_B1_A06_T7C	
61488	ZM_116_B1_A07	ZM_116_B1_A07_T7C	
61489	ZM_116_B1_A08	ZM_116_B1_A08_T7C	
61490	ZM_116_B1_A10	ZM_116_B1_A10_T7C	
61491	ZM_116_B1_A11	ZM_116_B1_A11_T7C	
61492	ZM_116_B1_A12	ZM_116_B1_A12_T7C	
61493	ZM_116_B1_B01	ZM_116_B1_B01_T7C	
61494	ZM_116_B1_B02	ZM_116_B1_B02_T7C	
61495	ZM_116_B1_B03	ZM_116_B1_B03_T7C	
61496	ZM_116_B1_B04	ZM_116_B1_B04_T7C	
61497	ZM_116_B1_B05	ZM_116_B1_B05_T7C	
61498	ZM_116_B1_B07	ZM_116_B1_B07_T7C	
61499	ZM_116_B1_B08	ZM_116_B1_B08_T7C	
61500	ZM_116_B1_B11	ZM_116_B1_B11_T7C	
61501	ZM_116_B1_B12	ZM_116_B1_B12_T7C	
61502	ZM_116_B1_C01	ZM_116_B1_C01_T7C	
61503	ZM_116_B1_C03	ZM_116_B1_C03_T7C	
61504	ZM_116_B1_C07	ZM_116_B1_C07_T7C	
61505	ZM_116_B1_C08	ZM_116_B1_C08_T7C	
61506	ZM_116_B1_C10	ZM_116_B1_C10_T7C	
61507	ZM_116_B1_C11	ZM_116_B1_C11_T7C	
61508	ZM_116_B1_C12	ZM_116_B1_C12_T7C	
61509	ZM_116_B1_D01	ZM_116_B1_D01_T7C	
61510	ZM_116_B1_D02	ZM_116_B1_D02_T7C	
61511	ZM_116_B1_D04	ZM_116_B1_D04_T7C	
61512	ZM_116_B1_D05	ZM_116_B1_D05_T7C	
61513	ZM_116_B1_D06	ZM_116_B1_D06_T7C	
61514	ZM_116_B1_D07	ZM_116_B1_D07_T7C	
61515	ZM_116_B1_D09	ZM_116_B1_D09_T7C	
61516	ZM_116_B1_D10	ZM_116_B1_D10_T7C	
61517	ZM_116_B1_D11	ZM_116_B1_D11_T7C	
61518	ZM_116_B1_D12	ZM_116_B1_D12_T7C	
61519	ZM_116_B1_E04	ZM_116_B1_E04_T7C	
61520	ZM_116_B1_E06	ZM_116_B1_E06_T7C	
61521	ZM_116_B1_E07	ZM_116_B1_E07_T7C	
61522	ZM_116_B1_E09	ZM_116_B1_E09_T7C	
61523	ZM_116_B1_E10	ZM_116_B1_E10_T7C	
61524	ZM_116_B1_E11	ZM_116_B1_E11_T7C	
61525	ZM_116_B1_E12	ZM_116_B1_E12_T7C	
61526	ZM_116_B1_F01	ZM_116_B1_F01_T7C	
61527	ZM_116_B1_F02	ZM_116_B1_F02_T7C	
61528	ZM_116_B1_F03	ZM_116_B1_F03_T7C	
61529	ZM_116_B1_F04	ZM_116_B1_F04_T7C	
61530	ZM_116_B1_F05	ZM_116_B1_F05_T7C	
61531	ZM_116_B1_F08	ZM_116_B1_F08_T7C	
61532	ZM_116_B1_F10	ZM_116_B1_F10_T7C	
61533	ZM_116_B1_F11	ZM_116_B1_F11_T7C	
61534	ZM_116_B1_F12	ZM_116_B1_F12_T7C	
61535	ZM_116_B1_G01	ZM_116_B1_G01_T7C	
61536	ZM_116_B1_G02	ZM_116_B1_G02_T7C	
61537	ZM_116_B1_G06	ZM_116_B1_G06_T7C	
61538	ZM_116_B1_G07	ZM_116_B1_G07_T7C	
61539	ZM_116_B1_G08	ZM_116_B1_G08_T7C	
61540	ZM_116_B1_G09	ZM_116_B1_G09_T7C	
61541	ZM_116_B1_G10	ZM_116_B1_G10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61542	ZM_116_B1_G12	ZM_116_B1_G12_T7C	
61543	ZM_116_B1_H01	ZM_116_B1_H01_T7C	
61544	ZM_116_B1_H02	ZM_116_B1_H02_T7C	
61545	ZM_116_B1_H03	ZM_116_B1_H03_T7C	
61546	ZM_116_B1_H04	ZM_116_B1_H04_T7C	
61547	ZM_116_B1_H05	ZM_116_B1_H05_T7C	
61548	ZM_116_B1_H07	ZM_116_B1_H07_T7C	
61549	ZM_116_B1_H09	ZM_116_B1_H09_T7C	
61550	ZM_116_B1_H10	ZM_116_B1_H10_T7C	
61551	ZM_116_B1_H11	ZM_116_B1_H11_T7C	
61552	ZM_116_B1_H12	ZM_116_B1_H12_T7C	
61553	ZM_116_B2_A02	ZM_116_B2_A02_T7C	
61554	ZM_116_B2_A03	ZM_116_B2_A03_T7C	
61555	ZM_116_B2_A04	ZM_116_B2_A04_T7C	
61556	ZM_116_B2_A05	ZM_116_B2_A05_T7C	
61557	ZM_116_B2_A07	ZM_116_B2_A07_T7C	
61558	ZM_116_B2_A08	ZM_116_B2_A08_T7C	
61559	ZM_116_B2_A09	ZM_116_B2_A09_T7C	
61560	ZM_116_B2_A10	ZM_116_B2_A10_T7C	
61561	ZM_116_B2_A11	ZM_116_B2_A11_T7C	
61562	ZM_116_B2_B01	ZM_116_B2_B01_T7C	
61563	ZM_116_B2_B02	ZM_116_B2_B02_T7C	
61564	ZM_116_B2_B03	ZM_116_B2_B03_T7C	
61565	ZM_116_B2_B04	ZM_116_B2_B04_T7C	
61566	ZM_116_B2_B05	ZM_116_B2_B05_T7C	
61567	ZM_116_B2_B06	ZM_116_B2_B06_T7C	
61568	ZM_116_B2_B07	ZM_116_B2_B07_T7C	
61569	ZM_116_B2_B08	ZM_116_B2_B08_T7C	
61570	ZM_116_B2_B09	ZM_116_B2_B09_T7C	
61571	ZM_116_B2_B10	ZM_116_B2_B10_T7C	
61572	ZM_116_B2_B11	ZM_116_B2_B11_T7C	
61573	ZM_116_B2_C01	ZM_116_B2_C01_T7C	
61574	ZM_116_B2_C02	ZM_116_B2_C02_T7C	
61575	ZM_116_B2_C03	ZM_116_B2_C03_T7C	
61576	ZM_116_B2_C04	ZM_116_B2_C04_T7C	
61577	ZM_116_B2_C05	ZM_116_B2_C05_T7C	
61578	ZM_116_B2_C06	ZM_116_B2_C06_T7C	
61579	ZM_116_B2_C07	ZM_116_B2_C07_T7C	
61580	ZM_116_B2_C08	ZM_116_B2_C08_T7C	
61581	ZM_116_B2_C09	ZM_116_B2_C09_T7C	
61582	ZM_116_B2_C10	ZM_116_B2_C10_T7C	
61583	ZM_116_B2_C11	ZM_116_B2_C11_T7C	
61584	ZM_116_B2_C12	ZM_116_B2_C12_T7C	
61585	ZM_116_B2_D01	ZM_116_B2_D01_T7C	
61586	ZM_116_B2_D02	ZM_116_B2_D02_T7C	
61587	ZM_116_B2_D03	ZM_116_B2_D03_T7C	
61588	ZM_116_B2_D04	ZM_116_B2_D04_T7C	
61589	ZM_116_B2_D05	ZM_116_B2_D05_T7C	
61590	ZM_116_B2_D07	ZM_116_B2_D07_T7C	
61591	ZM_116_B2_D08	ZM_116_B2_D08_T7C	
61592	ZM_116_B2_D09	ZM_116_B2_D09_T7C	
61593	ZM_116_B2_D10	ZM_116_B2_D10_T7C	
61594	ZM_116_B2_D11	ZM_116_B2_D11_T7C	
61595	ZM_116_B2_D12	ZM_116_B2_D12_T7C	
61596	ZM_116_B2_E03	ZM_116_B2_E03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61597	ZM_116_B2_E04	ZM_116_B2_E04_T7C	
61598	ZM_116_B2_E05	ZM_116_B2_E05_T7C	
61599	ZM_116_B2_E06	ZM_116_B2_E06_T7C	
61600	ZM_116_B2_E07	ZM_116_B2_E07_T7C	
61601	ZM_116_B2_E08	ZM_116_B2_E08_T7C	
61602	ZM_116_B2_E10	ZM_116_B2_E10_T7C	
61603	ZM_116_B2_E11	ZM_116_B2_E11_T7C	
61604	ZM_116_B2_E12	ZM_116_B2_E12_T7C	
61605	ZM_116_B2_F01	ZM_116_B2_F01_T7C	
61606	ZM_116_B2_F02	ZM_116_B2_F02_T7C	
61607	ZM_116_B2_F03	ZM_116_B2_F03_T7C	
61608	ZM_116_B2_F04	ZM_116_B2_F04_T7C	
61609	ZM_116_B2_F06	ZM_116_B2_F06_T7C	
61610	ZM_116_B2_F07	ZM_116_B2_F07_T7C	
61611	ZM_116_B2_F08	ZM_116_B2_F08_T7C	
61612	ZM_116_B2_F09	ZM_116_B2_F09_T7C	
61613	ZM_116_B2_F10	ZM_116_B2_F10_T7C	
61614	ZM_116_B2_F11	ZM_116_B2_F11_T7C	
61615	ZM_116_B2_F12	ZM_116_B2_F12_T7C	
61616	ZM_116_B2_G01	ZM_116_B2_G01_T7C	
61617	ZM_116_B2_G02	ZM_116_B2_G02_T7C	
61618	ZM_116_B2_G03	ZM_116_B2_G03_T7C	
61619	ZM_116_B2_G04	ZM_116_B2_G04_T7C	
61620	ZM_116_B2_G06	ZM_116_B2_G06_T7C	
61621	ZM_116_B2_G07	ZM_116_B2_G07_T7C	
61622	ZM_116_B2_G09	ZM_116_B2_G09_T7C	
61623	ZM_116_B2_G10	ZM_116_B2_G10_T7C	
61624	ZM_116_B2_G11	ZM_116_B2_G11_T7C	
61625	ZM_116_B2_G12	ZM_116_B2_G12_T7C	
61626	ZM_116_B2_H01	ZM_116_B2_H01_T7C	
61627	ZM_116_B2_H02	ZM_116_B2_H02_T7C	
61628	ZM_116_B2_H05	ZM_116_B2_H05_T7C	
61629	ZM_116_B2_H06	ZM_116_B2_H06_T7C	
61630	ZM_116_B2_H07	ZM_116_B2_H07_T7C	
61631	ZM_116_B2_H08	ZM_116_B2_H08_T7C	
61632	ZM_116_B2_H10	ZM_116_B2_H10_T7C	
61633	ZM_116_B2_H11	ZM_116_B2_H11_T7C	
61634	ZM_116_B2_H12	ZM_116_B2_H12_T7C	
61635	ZM_117_A2_A01	ZM_117_A2_A01_T7C	
61636	ZM_117_A2_A01		ZM_117_A2_A01_MR
61637	ZM_117_A2_A02	ZM_117_A2_A02_T7C	
61638	ZM_117_A2_A02		ZM_117_A2_A02_MR
61639	ZM_117_A2_A03	ZM_117_A2_A03_T7C	
61640	ZM_117_A2_A03		ZM_117_A2_A03_MR
61641	ZM_117_A2_A04	ZM_117_A2_A04_T7C	
61642	ZM_117_A2_A05	ZM_117_A2_A05_T7C	
61643	ZM_117_A2_A06	ZM_117_A2_A06_T7C	
61644	ZM_117_A2_A07	ZM_117_A2_A07_T7C	
61645	ZM_117_A2_A07		ZM_117_A2_A07_MR
61646	ZM_117_A2_A08	ZM_117_A2_A08_T7C	
61647	ZM_117_A2_A08		ZM_117_A2_A08_MR
61648	ZM_117_A2_A09	ZM_117_A2_A09_T7C	
61649	ZM_117_A2_A09		ZM_117_A2_A09_MR
61650	ZM_117_A2_A10	ZM_117_A2_A10_T7C	
61651	ZM_117_A2_A10		ZM_117_A2_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61652	ZM_117_A2_A11	ZM_117_A2_A11_T7C	
61653	ZM_117_A2_A11		ZM_117_A2_A11_MR
61654	ZM_117_A2_A12	ZM_117_A2_A12_T7C	
61655	ZM_117_A2_A12		ZM_117_A2_A12_MR
61656	ZM_117_A2_B01	ZM_117_A2_B01_T7C	
61657	ZM_117_A2_B02	ZM_117_A2_B02_T7C	
61658	ZM_117_A2_B03	ZM_117_A2_B03_T7C	
61659	ZM_117_A2_B03		ZM_117_A2_B03_MR
61660	ZM_117_A2_B04	ZM_117_A2_B04_T7C	
61661	ZM_117_A2_B04		ZM_117_A2_B04_MR
61662	ZM_117_A2_B05	ZM_117_A2_B05_T7C	
61663	ZM_117_A2_B05		ZM_117_A2_B05_MR
61664	ZM_117_A2_B06	ZM_117_A2_B06_T7C	
61665	ZM_117_A2_B06		ZM_117_A2_B06_MR
61666	ZM_117_A2_B07	ZM_117_A2_B07_T7C	
61667	ZM_117_A2_B07		ZM_117_A2_B07_MR
61668	ZM_117_A2_B08	ZM_117_A2_B08_T7C	
61669	ZM_117_A2_B08		ZM_117_A2_B08_MR
61670	ZM_117_A2_B09	ZM_117_A2_B09_T7C	
61671	ZM_117_A2_B09		ZM_117_A2_B09_MR
61672	ZM_117_A2_B10	ZM_117_A2_B10_T7C	
61673	ZM_117_A2_B10		ZM_117_A2_B10_MR
61674	ZM_117_A2_B11	ZM_117_A2_B11_T7C	
61675	ZM_117_A2_B11		ZM_117_A2_B11_MR
61676	ZM_117_A2_B12		ZM_117_A2_B12_MR
61677	ZM_117_A2_C01	ZM_117_A2_C01_T7C	
61678	ZM_117_A2_C02	ZM_117_A2_C02_T7C	
61679	ZM_117_A2_C02		ZM_117_A2_C02_MR
61680	ZM_117_A2_C03	ZM_117_A2_C03_T7C	
61681	ZM_117_A2_C03		ZM_117_A2_C03_MR
61682	ZM_117_A2_C04	ZM_117_A2_C04_T7C	
61683	ZM_117_A2_C04		ZM_117_A2_C04_MR
61684	ZM_117_A2_C05	ZM_117_A2_C05_T7C	
61685	ZM_117_A2_C05		ZM_117_A2_C05_MR
61686	ZM_117_A2_C06	ZM_117_A2_C06_T7C	
61687	ZM_117_A2_C06		ZM_117_A2_C06_MR
61688	ZM_117_A2_C07	ZM_117_A2_C07_T7C	
61689	ZM_117_A2_C07		ZM_117_A2_C07_MR
61690	ZM_117_A2_C08	ZM_117_A2_C08_T7C	
61691	ZM_117_A2_C08		ZM_117_A2_C08_MR
61692	ZM_117_A2_C09	ZM_117_A2_C09_T7C	
61693	ZM_117_A2_C09		ZM_117_A2_C09_MR
61694	ZM_117_A2_C10	ZM_117_A2_C10_T7C	
61695	ZM_117_A2_C10		ZM_117_A2_C10_MR
61696	ZM_117_A2_C11	ZM_117_A2_C11_T7C	
61697	ZM_117_A2_C11		ZM_117_A2_C11_MR
61698	ZM_117_A2_C12	ZM_117_A2_C12_T7C	
61699	ZM_117_A2_C12		ZM_117_A2_C12_MR
61700	ZM_117_A2_D01	ZM_117_A2_D01_T7C	
61701	ZM_117_A2_D02	ZM_117_A2_D02_T7C	
61702	ZM_117_A2_D02		ZM_117_A2_D02_MR
61703	ZM_117_A2_D03	ZM_117_A2_D03_T7C	
61704	ZM_117_A2_D03		ZM_117_A2_D03_MR
61705	ZM_117_A2_D04	ZM_117_A2_D04_T7C	
61706	ZM_117_A2_D04		ZM_117_A2_D04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61707	ZM_117_A2_D05	ZM_117_A2_D05_T7C	ZM_117_A2_D05_MR
61708	ZM_117_A2_D05		
61709	ZM_117_A2_D06	ZM_117_A2_D06_T7C	ZM_117_A2_D06_MR
61710	ZM_117_A2_D06		
61711	ZM_117_A2_D07	ZM_117_A2_D07_T7C	ZM_117_A2_D07_MR
61712	ZM_117_A2_D07		
61713	ZM_117_A2_D08	ZM_117_A2_D08_T7C	
61714	ZM_117_A2_D09	ZM_117_A2_D09_T7C	
61715	ZM_117_A2_D09		ZM_117_A2_D09_MR
61716	ZM_117_A2_D11	ZM_117_A2_D11_T7C	
61717	ZM_117_A2_D11		ZM_117_A2_D11_MR
61718	ZM_117_A2_D12	ZM_117_A2_D12_T7C	
61719	ZM_117_A2_E01	ZM_117_A2_E01_T7C	
61720	ZM_117_A2_E02	ZM_117_A2_E02_T7C	
61721	ZM_117_A2_E02		ZM_117_A2_E02_MR
61722	ZM_117_A2_E03	ZM_117_A2_E03_T7C	
61723	ZM_117_A2_E03		ZM_117_A2_E03_MR
61724	ZM_117_A2_E04	ZM_117_A2_E04_T7C	
61725	ZM_117_A2_E04		ZM_117_A2_E04_MR
61726	ZM_117_A2_E05		ZM_117_A2_E05_MR
61727	ZM_117_A2_E06	ZM_117_A2_E06_T7C	
61728	ZM_117_A2_E07	ZM_117_A2_E07_T7C	
61729	ZM_117_A2_E07		ZM_117_A2_E07_MR
61730	ZM_117_A2_E08	ZM_117_A2_E08_T7C	
61731	ZM_117_A2_E08		ZM_117_A2_E08_MR
61732	ZM_117_A2_E09	ZM_117_A2_E09_T7C	
61733	ZM_117_A2_E09		ZM_117_A2_E09_MR
61734	ZM_117_A2_E10	ZM_117_A2_E10_T7C	
61735	ZM_117_A2_E10		ZM_117_A2_E10_MR
61736	ZM_117_A2_E11	ZM_117_A2_E11_T7C	
61737	ZM_117_A2_E11		ZM_117_A2_E11_MR
61738	ZM_117_A2_E12	ZM_117_A2_E12_T7C	
61739	ZM_117_A2_E12		ZM_117_A2_E12_MR
61740	ZM_117_A2_F01	ZM_117_A2_F01_T7C	
61741	ZM_117_A2_F02		ZM_117_A2_F02_MR
61742	ZM_117_A2_F03		ZM_117_A2_F03_MR
61743	ZM_117_A2_F04	ZM_117_A2_F04_T7C	
61744	ZM_117_A2_F04		ZM_117_A2_F04_MR
61745	ZM_117_A2_F05	ZM_117_A2_F05_T7C	
61746	ZM_117_A2_F05		ZM_117_A2_F05_MR
61747	ZM_117_A2_F06	ZM_117_A2_F06_T7C	
61748	ZM_117_A2_F07	ZM_117_A2_F07_T7C	
61749	ZM_117_A2_F07		ZM_117_A2_F07_MR
61750	ZM_117_A2_F08	ZM_117_A2_F08_T7C	
61751	ZM_117_A2_F08		ZM_117_A2_F08_MR
61752	ZM_117_A2_F09	ZM_117_A2_F09_T7C	
61753	ZM_117_A2_F09		ZM_117_A2_F09_MR
61754	ZM_117_A2_F10	ZM_117_A2_F10_T7C	
61755	ZM_117_A2_F10		ZM_117_A2_F10_MR
61756	ZM_117_A2_F11	ZM_117_A2_F11_T7C	
61757	ZM_117_A2_F11		ZM_117_A2_F11_MR
61758	ZM_117_A2_F12	ZM_117_A2_F12_T7C	
61759	ZM_117_A2_F12		ZM_117_A2_F12_MR
61760	ZM_117_A2_G01	ZM_117_A2_G01_T7C	
61761	ZM_117_A2_G02	ZM_117_A2_G02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61762	ZM_117_A2_G02		ZM_117_A2_G02_MR
61763	ZM_117_A2_G03	ZM_117_A2_G03_T7C	
61764	ZM_117_A2_G03		ZM_117_A2_G03_MR
61765	ZM_117_A2_G04	ZM_117_A2_G04_T7C	
61766	ZM_117_A2_G04		ZM_117_A2_G04_MR
61767	ZM_117_A2_G05	ZM_117_A2_G05_T7C	
61768	ZM_117_A2_G05		ZM_117_A2_G05_MR
61769	ZM_117_A2_G06	ZM_117_A2_G06_T7C	
61770	ZM_117_A2_G06		ZM_117_A2_G06_MR
61771	ZM_117_A2_G07		ZM_117_A2_G07_MR
61772	ZM_117_A2_G08	ZM_117_A2_G08_T7C	
61773	ZM_117_A2_G08		ZM_117_A2_G08_MR
61774	ZM_117_A2_G09	ZM_117_A2_G09_T7C	
61775	ZM_117_A2_G09		ZM_117_A2_G09_MR
61776	ZM_117_A2_G10	ZM_117_A2_G10_T7C	
61777	ZM_117_A2_G10		ZM_117_A2_G10_MR
61778	ZM_117_A2_G11	ZM_117_A2_G11_T7C	
61779	ZM_117_A2_G11		ZM_117_A2_G11_MR
61780	ZM_117_A2_G12	ZM_117_A2_G12_T7C	
61781	ZM_117_A2_G12		ZM_117_A2_G12_MR
61782	ZM_117_A2_H01	ZM_117_A2_H01_T7C	
61783	ZM_117_A2_H02	ZM_117_A2_H02_T7C	
61784	ZM_117_A2_H03	ZM_117_A2_H03_T7C	
61785	ZM_117_A2_H03		ZM_117_A2_H03_MR
61786	ZM_117_A2_H04	ZM_117_A2_H04_T7C	
61787	ZM_117_A2_H04		ZM_117_A2_H04_MR
61788	ZM_117_A2_H05	ZM_117_A2_H05_T7C	
61789	ZM_117_A2_H05		ZM_117_A2_H05_MR
61790	ZM_117_A2_H06	ZM_117_A2_H06_T7C	
61791	ZM_117_A2_H06		ZM_117_A2_H06_MR
61792	ZM_117_A2_H07	ZM_117_A2_H07_T7C	
61793	ZM_117_A2_H07		ZM_117_A2_H07_MR
61794	ZM_117_A2_H08	ZM_117_A2_H08_T7C	
61795	ZM_117_A2_H08		ZM_117_A2_H08_MR
61796	ZM_117_A2_H09	ZM_117_A2_H09_T7C	
61797	ZM_117_A2_H09		ZM_117_A2_H09_MR
61798	ZM_117_A2_H10	ZM_117_A2_H10_T7C	
61799	ZM_117_A2_H10		ZM_117_A2_H10_MR
61800	ZM_117_A2_H11	ZM_117_A2_H11_T7C	
61801	ZM_117_A2_H11		ZM_117_A2_H11_MR
61802	ZM_117_A2_H12	ZM_117_A2_H12_T7C	
61803	ZM_117_A2_H12		ZM_117_A2_H12_MR
61804	ZM_117_B2_A01		ZM_117_B2_A01_MR
61805	ZM_117_B2_A04		ZM_117_B2_A04_MR
61806	ZM_117_B2_A05		ZM_117_B2_A05_MR
61807	ZM_117_B2_A07		ZM_117_B2_A07_MR
61808	ZM_117_B2_A08		ZM_117_B2_A08_MR
61809	ZM_117_B2_A09		ZM_117_B2_A09_MR
61810	ZM_117_B2_A10		ZM_117_B2_A10_MR
61811	ZM_117_B2_A11		ZM_117_B2_A11_MR
61812	ZM_117_B2_A12		ZM_117_B2_A12_MR
61813	ZM_117_B2_B01		ZM_117_B2_B01_MR
61814	ZM_117_B2_B05		ZM_117_B2_B05_MR
61815	ZM_117_B2_B06		ZM_117_B2_B06_MR
61816	ZM_117_B2_B09		ZM_117_B2_B09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61817	ZM_117_B2_B10		ZM_117_B2_B10_MR
61818	ZM_117_B2_B11		ZM_117_B2_B11_MR
61819	ZM_117_B2_C01		ZM_117_B2_C01_MR
61820	ZM_117_B2_C03		ZM_117_B2_C03_MR
61821	ZM_117_B2_C04		ZM_117_B2_C04_MR
61822	ZM_117_B2_C05		ZM_117_B2_C05_MR
61823	ZM_117_B2_C06		ZM_117_B2_C06_MR
61824	ZM_117_B2_C07		ZM_117_B2_C07_MR
61825	ZM_117_B2_C08		ZM_117_B2_C08_MR
61826	ZM_117_B2_C09		ZM_117_B2_C09_MR
61827	ZM_117_B2_C10		ZM_117_B2_C10_MR
61828	ZM_117_B2_C11		ZM_117_B2_C11_MR
61829	ZM_117_B2_C12		ZM_117_B2_C12_MR
61830	ZM_117_B2_D01		ZM_117_B2_D01_MR
61831	ZM_117_B2_D03		ZM_117_B2_D03_MR
61832	ZM_117_B2_D07		ZM_117_B2_D07_MR
61833	ZM_117_B2_D08		ZM_117_B2_D08_MR
61834	ZM_117_B2_D09		ZM_117_B2_D09_MR
61835	ZM_117_B2_D10		ZM_117_B2_D10_MR
61836	ZM_117_B2_D11		ZM_117_B2_D11_MR
61837	ZM_117_B2_D12		ZM_117_B2_D12_MR
61838	ZM_117_B2_E01		ZM_117_B2_E01_MR
61839	ZM_117_B2_E02		ZM_117_B2_E02_MR
61840	ZM_117_B2_E04		ZM_117_B2_E04_MR
61841	ZM_117_B2_E07		ZM_117_B2_E07_MR
61842	ZM_117_B2_E08		ZM_117_B2_E08_MR
61843	ZM_117_B2_E09		ZM_117_B2_E09_MR
61844	ZM_117_B2_E11		ZM_117_B2_E11_MR
61845	ZM_117_B2_E12		ZM_117_B2_E12_MR
61846	ZM_117_B2_F01		ZM_117_B2_F01_MR
61847	ZM_117_B2_F02		ZM_117_B2_F02_MR
61848	ZM_117_B2_F03		ZM_117_B2_F03_MR
61849	ZM_117_B2_F04		ZM_117_B2_F04_MR
61850	ZM_117_B2_F05		ZM_117_B2_F05_MR
61851	ZM_117_B2_F06		ZM_117_B2_F06_MR
61852	ZM_117_B2_F07		ZM_117_B2_F07_MR
61853	ZM_117_B2_F08		ZM_117_B2_F08_MR
61854	ZM_117_B2_F09		ZM_117_B2_F09_MR
61855	ZM_117_B2_F10		ZM_117_B2_F10_MR
61856	ZM_117_B2_F11		ZM_117_B2_F11_MR
61857	ZM_117_B2_F12		ZM_117_B2_F12_MR
61858	ZM_117_B2_G01		ZM_117_B2_G01_MR
61859	ZM_117_B2_G02		ZM_117_B2_G02_MR
61860	ZM_117_B2_G03		ZM_117_B2_G03_MR
61861	ZM_117_B2_G04		ZM_117_B2_G04_MR
61862	ZM_117_B2_G05		ZM_117_B2_G05_MR
61863	ZM_117_B2_G06		ZM_117_B2_G06_MR
61864	ZM_117_B2_G07		ZM_117_B2_G07_MR
61865	ZM_117_B2_G08		ZM_117_B2_G08_MR
61866	ZM_117_B2_G09		ZM_117_B2_G09_MR
61867	ZM_117_B2_G10		ZM_117_B2_G10_MR
61868	ZM_117_B2_G11		ZM_117_B2_G11_MR
61869	ZM_117_B2_G12		ZM_117_B2_G12_MR
61870	ZM_117_B2_H02		ZM_117_B2_H02_MR
61871	ZM_117_B2_H04		ZM_117_B2_H04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61872	ZM_117_B2_H05		ZM_117_B2_H05_MR
61873	ZM_117_B2_H06		ZM_117_B2_H06_MR
61874	ZM_117_B2_H07		ZM_117_B2_H07_MR
61875	ZM_117_B2_H08		ZM_117_B2_H08_MR
61876	ZM_117_B2_H09		ZM_117_B2_H09_MR
61877	ZM_117_B2_H10		ZM_117_B2_H10_MR
61878	ZM_118_A1_A01	ZM_118_A1_A01_T7C	
61879	ZM_118_A1_A02	ZM_118_A1_A02_T7C	
61880	ZM_118_A1_A06	ZM_118_A1_A06_T7C	
61881	ZM_118_A1_A08	ZM_118_A1_A08_T7C	
61882	ZM_118_A1_A09	ZM_118_A1_A09_T7C	
61883	ZM_118_A1_A10	ZM_118_A1_A10_T7C	
61884	ZM_118_A1_A11	ZM_118_A1_A11_T7C	
61885	ZM_118_A1_B01	ZM_118_A1_B01_T7C	
61886	ZM_118_A1_B07	ZM_118_A1_B07_T7C	
61887	ZM_118_A1_B08	ZM_118_A1_B08_T7C	
61888	ZM_118_A1_B10	ZM_118_A1_B10_T7C	
61889	ZM_118_A1_C01	ZM_118_A1_C01_T7C	
61890	ZM_118_A1_C02	ZM_118_A1_C02_T7C	
61891	ZM_118_A1_C05	ZM_118_A1_C05_T7C	
61892	ZM_118_A1_C07	ZM_118_A1_C07_T7C	
61893	ZM_118_A1_C08	ZM_118_A1_C08_T7C	
61894	ZM_118_A1_C10	ZM_118_A1_C10_T7C	
61895	ZM_118_A1_D04	ZM_118_A1_D04_T7C	
61896	ZM_118_A1_D05	ZM_118_A1_D05_T7C	
61897	ZM_118_A1_D07	ZM_118_A1_D07_T7C	
61898	ZM_118_A1_D08	ZM_118_A1_D08_T7C	
61899	ZM_118_A1_D09	ZM_118_A1_D09_T7C	
61900	ZM_118_A1_D11	ZM_118_A1_D11_T7C	
61901	ZM_118_A1_E01	ZM_118_A1_E01_T7C	
61902	ZM_118_A1_E04	ZM_118_A1_E04_T7C	
61903	ZM_118_A1_E06	ZM_118_A1_E06_T7C	
61904	ZM_118_A1_E08	ZM_118_A1_E08_T7C	
61905	ZM_118_A1_E10	ZM_118_A1_E10_T7C	
61906	ZM_118_A1_E11	ZM_118_A1_E11_T7C	
61907	ZM_118_A1_F01	ZM_118_A1_F01_T7C	
61908	ZM_118_A1_F04	ZM_118_A1_F04_T7C	
61909	ZM_118_A1_F05	ZM_118_A1_F05_T7C	
61910	ZM_118_A1_F10	ZM_118_A1_F10_T7C	
61911	ZM_118_A1_F11	ZM_118_A1_F11_T7C	
61912	ZM_118_A1_F12	ZM_118_A1_F12_T7C	
61913	ZM_118_A1_G01	ZM_118_A1_G01_T7C	
61914	ZM_118_A1_G06	ZM_118_A1_G06_T7C	
61915	ZM_118_A1_G07	ZM_118_A1_G07_T7C	
61916	ZM_118_A1_G11	ZM_118_A1_G11_T7C	
61917	ZM_118_A1_H06	ZM_118_A1_H06_T7C	
61918	ZM_118_A1_H07	ZM_118_A1_H07_T7C	
61919	ZM_118_A1_H09	ZM_118_A1_H09_T7C	
61920	ZM_118_A1_H11	ZM_118_A1_H11_T7C	
61921	ZM_118_A2_A01	ZM_118_A2_A01_T7C	
61922	ZM_118_A2_A01		ZM_118_A2_A01_MR
61923	ZM_118_A2_A02	ZM_118_A2_A02_T7C	
61924	ZM_118_A2_A02		ZM_118_A2_A02_MR
61925	ZM_118_A2_A03		ZM_118_A2_A03_MR
61926	ZM_118_A2_A04	ZM_118_A2_A04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61927	ZM_118_A2_A04		ZM_118_A2_A04_MR
61928	ZM_118_A2_A05	ZM_118_A2_A05_T7C	
61929	ZM_118_A2_A05		ZM_118_A2_A05_MR
61930	ZM_118_A2_A06	ZM_118_A2_A06_T7C	
61931	ZM_118_A2_A06		ZM_118_A2_A06_MR
61932	ZM_118_A2_A07	ZM_118_A2_A07_T7C	
61933	ZM_118_A2_A08	ZM_118_A2_A08_T7C	
61934	ZM_118_A2_A08		ZM_118_A2_A08_MR
61935	ZM_118_A2_A09	ZM_118_A2_A09_T7C	
61936	ZM_118_A2_A09		ZM_118_A2_A09_MR
61937	ZM_118_A2_A10	ZM_118_A2_A10_T7C	
61938	ZM_118_A2_A10		ZM_118_A2_A10_MR
61939	ZM_118_A2_A11	ZM_118_A2_A11_T7C	
61940	ZM_118_A2_A11		ZM_118_A2_A11_MR
61941	ZM_118_A2_A12		ZM_118_A2_A12_MR
61942	ZM_118_A2_B01		ZM_118_A2_B01_MR
61943	ZM_118_A2_B02		ZM_118_A2_B02_MR
61944	ZM_118_A2_B03	ZM_118_A2_B03_T7C	
61945	ZM_118_A2_B03		ZM_118_A2_B03_MR
61946	ZM_118_A2_B04	ZM_118_A2_B04_T7C	
61947	ZM_118_A2_B04		ZM_118_A2_B04_MR
61948	ZM_118_A2_B05	ZM_118_A2_B05_T7C	
61949	ZM_118_A2_B05		ZM_118_A2_B05_MR
61950	ZM_118_A2_B06	ZM_118_A2_B06_T7C	
61951	ZM_118_A2_B06		ZM_118_A2_B06_MR
61952	ZM_118_A2_B07	ZM_118_A2_B07_T7C	
61953	ZM_118_A2_B07		ZM_118_A2_B07_MR
61954	ZM_118_A2_B08	ZM_118_A2_B08_T7C	
61955	ZM_118_A2_B08		ZM_118_A2_B08_MR
61956	ZM_118_A2_B09	ZM_118_A2_B09_T7C	
61957	ZM_118_A2_B09		ZM_118_A2_B09_MR
61958	ZM_118_A2_B10	ZM_118_A2_B10_T7C	
61959	ZM_118_A2_B10		ZM_118_A2_B10_MR
61960	ZM_118_A2_B11	ZM_118_A2_B11_T7C	
61961	ZM_118_A2_B11		ZM_118_A2_B11_MR
61962	ZM_118_A2_B12	ZM_118_A2_B12_T7C	
61963	ZM_118_A2_B12		ZM_118_A2_B12_MR
61964	ZM_118_A2_C01	ZM_118_A2_C01_T7C	
61965	ZM_118_A2_C01		ZM_118_A2_C01_MR
61966	ZM_118_A2_C02	ZM_118_A2_C02_T7C	
61967	ZM_118_A2_C02		ZM_118_A2_C02_MR
61968	ZM_118_A2_C03		ZM_118_A2_C03_MR
61969	ZM_118_A2_C04	ZM_118_A2_C04_T7C	
61970	ZM_118_A2_C04		ZM_118_A2_C04_MR
61971	ZM_118_A2_C05	ZM_118_A2_C05_T7C	
61972	ZM_118_A2_C06	ZM_118_A2_C06_T7C	
61973	ZM_118_A2_C06		ZM_118_A2_C06_MR
61974	ZM_118_A2_C07	ZM_118_A2_C07_T7C	
61975	ZM_118_A2_C07		ZM_118_A2_C07_MR
61976	ZM_118_A2_C08	ZM_118_A2_C08_T7C	
61977	ZM_118_A2_C08		ZM_118_A2_C08_MR
61978	ZM_118_A2_C09	ZM_118_A2_C09_T7C	
61979	ZM_118_A2_C09		ZM_118_A2_C09_MR
61980	ZM_118_A2_C10	ZM_118_A2_C10_T7C	
61981	ZM_118_A2_C10		ZM_118_A2_C10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
61982	ZM_118_A2_C11	ZM_118_A2_C11_T7C	
61983	ZM_118_A2_C11		ZM_118_A2_C11_MR
61984	ZM_118_A2_D01	ZM_118_A2_D01_T7C	
61985	ZM_118_A2_D01		ZM_118_A2_D01_MR
61986	ZM_118_A2_D02	ZM_118_A2_D02_T7C	
61987	ZM_118_A2_D02		ZM_118_A2_D02_MR
61988	ZM_118_A2_D03	ZM_118_A2_D03_T7C	
61989	ZM_118_A2_D03		ZM_118_A2_D03_MR
61990	ZM_118_A2_D04	ZM_118_A2_D04_T7C	
61991	ZM_118_A2_D04		ZM_118_A2_D04_MR
61992	ZM_118_A2_D05	ZM_118_A2_D05_T7C	
61993	ZM_118_A2_D05		ZM_118_A2_D05_MR
61994	ZM_118_A2_D07		ZM_118_A2_D07_MR
61995	ZM_118_A2_D08		ZM_118_A2_D08_MR
61996	ZM_118_A2_D09	ZM_118_A2_D09_T7C	
61997	ZM_118_A2_D09		ZM_118_A2_D09_MR
61998	ZM_118_A2_D10	ZM_118_A2_D10_T7C	
61999	ZM_118_A2_D10		ZM_118_A2_D10_MR
62000	ZM_118_A2_D11	ZM_118_A2_D11_T7C	
62001	ZM_118_A2_D11		ZM_118_A2_D11_MR
62002	ZM_118_A2_D12		ZM_118_A2_D12_MR
62003	ZM_118_A2_E01	ZM_118_A2_E01_T7C	
62004	ZM_118_A2_E01		ZM_118_A2_E01_MR
62005	ZM_118_A2_E02	ZM_118_A2_E02_T7C	
62006	ZM_118_A2_E02		ZM_118_A2_E02_MR
62007	ZM_118_A2_E03	ZM_118_A2_E03_T7C	
62008	ZM_118_A2_E03		ZM_118_A2_E03_MR
62009	ZM_118_A2_E04	ZM_118_A2_E04_T7C	
62010	ZM_118_A2_E04		ZM_118_A2_E04_MR
62011	ZM_118_A2_E05	ZM_118_A2_E05_T7C	
62012	ZM_118_A2_E05		ZM_118_A2_E05_MR
62013	ZM_118_A2_E06	ZM_118_A2_E06_T7C	
62014	ZM_118_A2_E06		ZM_118_A2_E06_MR
62015	ZM_118_A2_E07	ZM_118_A2_E07_T7C	
62016	ZM_118_A2_E07		ZM_118_A2_E07_MR
62017	ZM_118_A2_E08	ZM_118_A2_E08_T7C	
62018	ZM_118_A2_E08		ZM_118_A2_E08_MR
62019	ZM_118_A2_E09	ZM_118_A2_E09_T7C	
62020	ZM_118_A2_E09		ZM_118_A2_E09_MR
62021	ZM_118_A2_E10		ZM_118_A2_E10_MR
62022	ZM_118_A2_E12	ZM_118_A2_E12_T7C	
62023	ZM_118_A2_E12		ZM_118_A2_E12_MR
62024	ZM_118_A2_F01	ZM_118_A2_F01_T7C	
62025	ZM_118_A2_F01		ZM_118_A2_F01_MR
62026	ZM_118_A2_F03		ZM_118_A2_F03_MR
62027	ZM_118_A2_F04	ZM_118_A2_F04_T7C	
62028	ZM_118_A2_F04		ZM_118_A2_F04_MR
62029	ZM_118_A2_F05	ZM_118_A2_F05_T7C	
62030	ZM_118_A2_F05		ZM_118_A2_F05_MR
62031	ZM_118_A2_F07	ZM_118_A2_F07_T7C	
62032	ZM_118_A2_F07		ZM_118_A2_F07_MR
62033	ZM_118_A2_F09	ZM_118_A2_F09_T7C	
62034	ZM_118_A2_F09		ZM_118_A2_F09_MR
62035	ZM_118_A2_F10	ZM_118_A2_F10_T7C	
62036	ZM_118_A2_F10		ZM_118_A2_F10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62037	ZM_118_A2_F11	ZM_118_A2_F11_T7C	
62038	ZM_118_A2_F11		ZM_118_A2_F11_MR
62039	ZM_118_A2_F12	ZM_118_A2_F12_T7C	
62040	ZM_118_A2_F12		ZM_118_A2_F12_MR
62041	ZM_118_A2_G01		ZM_118_A2_G01_MR
62042	ZM_118_A2_G02	ZM_118_A2_G02_T7C	
62043	ZM_118_A2_G02		ZM_118_A2_G02_MR
62044	ZM_118_A2_G03		ZM_118_A2_G03_MR
62045	ZM_118_A2_G04	ZM_118_A2_G04_T7C	
62046	ZM_118_A2_G04		ZM_118_A2_G04_MR
62047	ZM_118_A2_G05		ZM_118_A2_G05_MR
62048	ZM_118_A2_G06	ZM_118_A2_G06_T7C	
62049	ZM_118_A2_G07	ZM_118_A2_G07_T7C	
62050	ZM_118_A2_G07		ZM_118_A2_G07_MR
62051	ZM_118_A2_G08	ZM_118_A2_G08_T7C	
62052	ZM_118_A2_G08		ZM_118_A2_G08_MR
62053	ZM_118_A2_G09	ZM_118_A2_G09_T7C	
62054	ZM_118_A2_G09		ZM_118_A2_G09_MR
62055	ZM_118_A2_G10		ZM_118_A2_G10_MR
62056	ZM_118_A2_G11	ZM_118_A2_G11_T7C	
62057	ZM_118_A2_G11		ZM_118_A2_G11_MR
62058	ZM_118_A2_G12	ZM_118_A2_G12_T7C	
62059	ZM_118_A2_G12		ZM_118_A2_G12_MR
62060	ZM_118_A2_H02	ZM_118_A2_H02_T7C	
62061	ZM_118_A2_H03	ZM_118_A2_H03_T7C	
62062	ZM_118_A2_H04	ZM_118_A2_H04_T7C	
62063	ZM_118_A2_H04		ZM_118_A2_H04_MR
62064	ZM_118_A2_H05	ZM_118_A2_H05_T7C	
62065	ZM_118_A2_H05		ZM_118_A2_H05_MR
62066	ZM_118_A2_H06	ZM_118_A2_H06_T7C	
62067	ZM_118_A2_H06		ZM_118_A2_H06_MR
62068	ZM_118_A2_H07	ZM_118_A2_H07_T7C	
62069	ZM_118_A2_H07		ZM_118_A2_H07_MR
62070	ZM_118_A2_H08	ZM_118_A2_H08_T7C	
62071	ZM_118_A2_H08		ZM_118_A2_H08_MR
62072	ZM_118_A2_H09		ZM_118_A2_H09_MR
62073	ZM_118_A2_H10	ZM_118_A2_H10_T7C	
62074	ZM_118_A2_H10		ZM_118_A2_H10_MR
62075	ZM_118_A2_H11	ZM_118_A2_H11_T7C	
62076	ZM_118_A2_H11		ZM_118_A2_H11_MR
62077	ZM_118_A2_H12	ZM_118_A2_H12_T7C	
62078	ZM_118_A2_H12		ZM_118_A2_H12_MR
62079	ZM_119_A1_A03		ZM_119_A1_A03_MR
62080	ZM_119_A1_A04		ZM_119_A1_A04_MR
62081	ZM_119_A1_A07		ZM_119_A1_A07_MR
62082	ZM_119_A1_A08		ZM_119_A1_A08_MR
62083	ZM_119_A1_A09		ZM_119_A1_A09_MR
62084	ZM_119_A1_A10		ZM_119_A1_A10_MR
62085	ZM_119_A1_A12		ZM_119_A1_A12_MR
62086	ZM_119_A1_B01		ZM_119_A1_B01_MR
62087	ZM_119_A1_B02		ZM_119_A1_B02_MR
62088	ZM_119_A1_B03		ZM_119_A1_B03_MR
62089	ZM_119_A1_B04		ZM_119_A1_B04_MR
62090	ZM_119_A1_B06		ZM_119_A1_B06_MR
62091	ZM_119_A1_B07		ZM_119_A1_B07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62092	ZM_119_A1_B08		ZM_119_A1_B08_MR
62093	ZM_119_A1_B10		ZM_119_A1_B10_MR
62094	ZM_119_A1_B11		ZM_119_A1_B11_MR
62095	ZM_119_A1_B12		ZM_119_A1_B12_MR
62096	ZM_119_A1_C01		ZM_119_A1_C01_MR
62097	ZM_119_A1_C04		ZM_119_A1_C04_MR
62098	ZM_119_A1_C05		ZM_119_A1_C05_MR
62099	ZM_119_A1_C06		ZM_119_A1_C06_MR
62100	ZM_119_A1_C07		ZM_119_A1_C07_MR
62101	ZM_119_A1_C08		ZM_119_A1_C08_MR
62102	ZM_119_A1_C09		ZM_119_A1_C09_MR
62103	ZM_119_A1_C10		ZM_119_A1_C10_MR
62104	ZM_119_A1_C11		ZM_119_A1_C11_MR
62105	ZM_119_A1_C12		ZM_119_A1_C12_MR
62106	ZM_119_A1_D01		ZM_119_A1_D01_MR
62107	ZM_119_A1_D02		ZM_119_A1_D02_MR
62108	ZM_119_A1_D03		ZM_119_A1_D03_MR
62109	ZM_119_A1_D04		ZM_119_A1_D04_MR
62110	ZM_119_A1_D05		ZM_119_A1_D05_MR
62111	ZM_119_A1_D07		ZM_119_A1_D07_MR
62112	ZM_119_A1_D10		ZM_119_A1_D10_MR
62113	ZM_119_A1_D11		ZM_119_A1_D11_MR
62114	ZM_119_A1_D12		ZM_119_A1_D12_MR
62115	ZM_119_A1_E02		ZM_119_A1_E02_MR
62116	ZM_119_A1_E03		ZM_119_A1_E03_MR
62117	ZM_119_A1_E04		ZM_119_A1_E04_MR
62118	ZM_119_A1_E05		ZM_119_A1_E05_MR
62119	ZM_119_A1_E07		ZM_119_A1_E07_MR
62120	ZM_119_A1_E08		ZM_119_A1_E08_MR
62121	ZM_119_A1_E09		ZM_119_A1_E09_MR
62122	ZM_119_A1_E10		ZM_119_A1_E10_MR
62123	ZM_119_A1_E11		ZM_119_A1_E11_MR
62124	ZM_119_A1_E12		ZM_119_A1_E12_MR
62125	ZM_119_A1_F01		ZM_119_A1_F01_MR
62126	ZM_119_A1_F02		ZM_119_A1_F02_MR
62127	ZM_119_A1_F03		ZM_119_A1_F03_MR
62128	ZM_119_A1_F04		ZM_119_A1_F04_MR
62129	ZM_119_A1_F05		ZM_119_A1_F05_MR
62130	ZM_119_A1_F06		ZM_119_A1_F06_MR
62131	ZM_119_A1_F07		ZM_119_A1_F07_MR
62132	ZM_119_A1_F08		ZM_119_A1_F08_MR
62133	ZM_119_A1_F11		ZM_119_A1_F11_MR
62134	ZM_119_A1_F12		ZM_119_A1_F12_MR
62135	ZM_119_A1_G01		ZM_119_A1_G01_MR
62136	ZM_119_A1_G02		ZM_119_A1_G02_MR
62137	ZM_119_A1_G03		ZM_119_A1_G03_MR
62138	ZM_119_A1_G04		ZM_119_A1_G04_MR
62139	ZM_119_A1_G05		ZM_119_A1_G05_MR
62140	ZM_119_A1_G06		ZM_119_A1_G06_MR
62141	ZM_119_A1_G07		ZM_119_A1_G07_MR
62142	ZM_119_A1_G08		ZM_119_A1_G08_MR
62143	ZM_119_A1_G09		ZM_119_A1_G09_MR
62144	ZM_119_A1_G10		ZM_119_A1_G10_MR
62145	ZM_119_A1_G11		ZM_119_A1_G11_MR
62146	ZM_119_A1_G12		ZM_119_A1_G12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62147	ZM_119_A1_H01		ZM_119_A1_H01_MR
62148	ZM_119_A1_H02		ZM_119_A1_H02_MR
62149	ZM_119_A1_H03		ZM_119_A1_H03_MR
62150	ZM_119_A1_H04		ZM_119_A1_H04_MR
62151	ZM_119_A1_H05		ZM_119_A1_H05_MR
62152	ZM_119_A1_H06		ZM_119_A1_H06_MR
62153	ZM_119_A1_H07		ZM_119_A1_H07_MR
62154	ZM_119_A1_H08		ZM_119_A1_H08_MR
62155	ZM_119_A1_H10		ZM_119_A1_H10_MR
62156	ZM_119_A1_H11		ZM_119_A1_H11_MR
62157	ZM_119_A1_H12		ZM_119_A1_H12_MR
62158	ZM_119_A2_A01		ZM_119_A2_A01_MR
62159	ZM_119_A2_A02		ZM_119_A2_A02_MR
62160	ZM_119_A2_A03		ZM_119_A2_A03_MR
62161	ZM_119_A2_A04		ZM_119_A2_A04_MR
62162	ZM_119_A2_A05		ZM_119_A2_A05_MR
62163	ZM_119_A2_A06		ZM_119_A2_A06_MR
62164	ZM_119_A2_A07		ZM_119_A2_A07_MR
62165	ZM_119_A2_A08		ZM_119_A2_A08_MR
62166	ZM_119_A2_A09		ZM_119_A2_A09_MR
62167	ZM_119_A2_A11		ZM_119_A2_A11_MR
62168	ZM_119_A2_A12		ZM_119_A2_A12_MR
62169	ZM_119_A2_B01		ZM_119_A2_B01_MR
62170	ZM_119_A2_B02		ZM_119_A2_B02_MR
62171	ZM_119_A2_B03		ZM_119_A2_B03_MR
62172	ZM_119_A2_B04		ZM_119_A2_B04_MR
62173	ZM_119_A2_B07		ZM_119_A2_B07_MR
62174	ZM_119_A2_B09		ZM_119_A2_B09_MR
62175	ZM_119_A2_B10		ZM_119_A2_B10_MR
62176	ZM_119_A2_B11		ZM_119_A2_B11_MR
62177	ZM_119_A2_B12		ZM_119_A2_B12_MR
62178	ZM_119_A2_C01		ZM_119_A2_C01_MR
62179	ZM_119_A2_C02		ZM_119_A2_C02_MR
62180	ZM_119_A2_C03		ZM_119_A2_C03_MR
62181	ZM_119_A2_C04		ZM_119_A2_C04_MR
62182	ZM_119_A2_C05		ZM_119_A2_C05_MR
62183	ZM_119_A2_C07		ZM_119_A2_C07_MR
62184	ZM_119_A2_C08		ZM_119_A2_C08_MR
62185	ZM_119_A2_C09		ZM_119_A2_C09_MR
62186	ZM_119_A2_C10		ZM_119_A2_C10_MR
62187	ZM_119_A2_C11		ZM_119_A2_C11_MR
62188	ZM_119_A2_C12		ZM_119_A2_C12_MR
62189	ZM_119_A2_D01		ZM_119_A2_D01_MR
62190	ZM_119_A2_D02		ZM_119_A2_D02_MR
62191	ZM_119_A2_D03		ZM_119_A2_D03_MR
62192	ZM_119_A2_D04		ZM_119_A2_D04_MR
62193	ZM_119_A2_D05		ZM_119_A2_D05_MR
62194	ZM_119_A2_D06		ZM_119_A2_D06_MR
62195	ZM_119_A2_D07		ZM_119_A2_D07_MR
62196	ZM_119_A2_D08		ZM_119_A2_D08_MR
62197	ZM_119_A2_D09		ZM_119_A2_D09_MR
62198	ZM_119_A2_D10		ZM_119_A2_D10_MR
62199	ZM_119_A2_D11		ZM_119_A2_D11_MR
62200	ZM_119_A2_D12		ZM_119_A2_D12_MR
62201	ZM_119_A2_E01		ZM_119_A2_E01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62202	ZM_119_A2_E03		ZM_119_A2_E03_MR
62203	ZM_119_A2_E04		ZM_119_A2_E04_MR
62204	ZM_119_A2_E06		ZM_119_A2_E06_MR
62205	ZM_119_A2_E07		ZM_119_A2_E07_MR
62206	ZM_119_A2_E08		ZM_119_A2_E08_MR
62207	ZM_119_A2_E09		ZM_119_A2_E09_MR
62208	ZM_119_A2_E10		ZM_119_A2_E10_MR
62209	ZM_119_A2_E11		ZM_119_A2_E11_MR
62210	ZM_119_A2_F01		ZM_119_A2_F01_MR
62211	ZM_119_A2_F03		ZM_119_A2_F03_MR
62212	ZM_119_A2_F04		ZM_119_A2_F04_MR
62213	ZM_119_A2_F05		ZM_119_A2_F05_MR
62214	ZM_119_A2_F06		ZM_119_A2_F06_MR
62215	ZM_119_A2_F09		ZM_119_A2_F09_MR
62216	ZM_119_A2_F10		ZM_119_A2_F10_MR
62217	ZM_119_A2_F11		ZM_119_A2_F11_MR
62218	ZM_119_A2_F12		ZM_119_A2_F12_MR
62219	ZM_119_A2_G01		ZM_119_A2_G01_MR
62220	ZM_119_A2_G02		ZM_119_A2_G02_MR
62221	ZM_119_A2_G03		ZM_119_A2_G03_MR
62222	ZM_119_A2_G04		ZM_119_A2_G04_MR
62223	ZM_119_A2_G05		ZM_119_A2_G05_MR
62224	ZM_119_A2_G07		ZM_119_A2_G07_MR
62225	ZM_119_A2_G08		ZM_119_A2_G08_MR
62226	ZM_119_A2_G09		ZM_119_A2_G09_MR
62227	ZM_119_A2_G10		ZM_119_A2_G10_MR
62228	ZM_119_A2_G11		ZM_119_A2_G11_MR
62229	ZM_119_A2_G12		ZM_119_A2_G12_MR
62230	ZM_119_A2_H01		ZM_119_A2_H01_MR
62231	ZM_119_A2_H02		ZM_119_A2_H02_MR
62232	ZM_119_A2_H03		ZM_119_A2_H03_MR
62233	ZM_119_A2_H04		ZM_119_A2_H04_MR
62234	ZM_119_A2_H05		ZM_119_A2_H05_MR
62235	ZM_119_A2_H06		ZM_119_A2_H06_MR
62236	ZM_119_A2_H07		ZM_119_A2_H07_MR
62237	ZM_119_A2_H08		ZM_119_A2_H08_MR
62238	ZM_119_A2_H09		ZM_119_A2_H09_MR
62239	ZM_119_A2_H10		ZM_119_A2_H10_MR
62240	ZM_119_A2_H11		ZM_119_A2_H11_MR
62241	ZM_119_A2_H12		ZM_119_A2_H12_MR
62242	ZM_119_B1_A01		ZM_119_B1_A01_MR
62243	ZM_119_B1_A02		ZM_119_B1_A02_MR
62244	ZM_119_B1_A03		ZM_119_B1_A03_MR
62245	ZM_119_B1_A04		ZM_119_B1_A04_MR
62246	ZM_119_B1_A05		ZM_119_B1_A05_MR
62247	ZM_119_B1_A06		ZM_119_B1_A06_MR
62248	ZM_119_B1_A07		ZM_119_B1_A07_MR
62249	ZM_119_B1_A08		ZM_119_B1_A08_MR
62250	ZM_119_B1_A09		ZM_119_B1_A09_MR
62251	ZM_119_B1_A10		ZM_119_B1_A10_MR
62252	ZM_119_B1_A11		ZM_119_B1_A11_MR
62253	ZM_119_B1_A12		ZM_119_B1_A12_MR
62254	ZM_119_B1_B01		ZM_119_B1_B01_MR
62255	ZM_119_B1_B02		ZM_119_B1_B02_MR
62256	ZM_119_B1_B03		ZM_119_B1_B03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62257	ZM_119_B1_B04		ZM_119_B1_B04_MR
62258	ZM_119_B1_B05		ZM_119_B1_B05_MR
62259	ZM_119_B1_B06		ZM_119_B1_B06_MR
62260	ZM_119_B1_B07		ZM_119_B1_B07_MR
62261	ZM_119_B1_B08		ZM_119_B1_B08_MR
62262	ZM_119_B1_B10		ZM_119_B1_B10_MR
62263	ZM_119_B1_B11		ZM_119_B1_B11_MR
62264	ZM_119_B1_B12		ZM_119_B1_B12_MR
62265	ZM_119_B1_C01		ZM_119_B1_C01_MR
62266	ZM_119_B1_C04		ZM_119_B1_C04_MR
62267	ZM_119_B1_C05		ZM_119_B1_C05_MR
62268	ZM_119_B1_C06		ZM_119_B1_C06_MR
62269	ZM_119_B1_C07		ZM_119_B1_C07_MR
62270	ZM_119_B1_C08		ZM_119_B1_C08_MR
62271	ZM_119_B1_C09		ZM_119_B1_C09_MR
62272	ZM_119_B1_C10		ZM_119_B1_C10_MR
62273	ZM_119_B1_C11		ZM_119_B1_C11_MR
62274	ZM_119_B1_D03		ZM_119_B1_D03_MR
62275	ZM_119_B1_D04		ZM_119_B1_D04_MR
62276	ZM_119_B1_D05		ZM_119_B1_D05_MR
62277	ZM_119_B1_D06		ZM_119_B1_D06_MR
62278	ZM_119_B1_D07		ZM_119_B1_D07_MR
62279	ZM_119_B1_D09		ZM_119_B1_D09_MR
62280	ZM_119_B1_D10		ZM_119_B1_D10_MR
62281	ZM_119_B1_D11		ZM_119_B1_D11_MR
62282	ZM_119_B1_D12		ZM_119_B1_D12_MR
62283	ZM_119_B1_E01		ZM_119_B1_E01_MR
62284	ZM_119_B1_E02		ZM_119_B1_E02_MR
62285	ZM_119_B1_E03		ZM_119_B1_E03_MR
62286	ZM_119_B1_E04		ZM_119_B1_E04_MR
62287	ZM_119_B1_E05		ZM_119_B1_E05_MR
62288	ZM_119_B1_E06		ZM_119_B1_E06_MR
62289	ZM_119_B1_E07		ZM_119_B1_E07_MR
62290	ZM_119_B1_E08		ZM_119_B1_E08_MR
62291	ZM_119_B1_E09		ZM_119_B1_E09_MR
62292	ZM_119_B1_E10		ZM_119_B1_E10_MR
62293	ZM_119_B1_E11		ZM_119_B1_E11_MR
62294	ZM_119_B1_E12		ZM_119_B1_E12_MR
62295	ZM_119_B1_F01		ZM_119_B1_F01_MR
62296	ZM_119_B1_F02		ZM_119_B1_F02_MR
62297	ZM_119_B1_F03		ZM_119_B1_F03_MR
62298	ZM_119_B1_F04		ZM_119_B1_F04_MR
62299	ZM_119_B1_F05		ZM_119_B1_F05_MR
62300	ZM_119_B1_F06		ZM_119_B1_F06_MR
62301	ZM_119_B1_F07		ZM_119_B1_F07_MR
62302	ZM_119_B1_F08		ZM_119_B1_F08_MR
62303	ZM_119_B1_F09		ZM_119_B1_F09_MR
62304	ZM_119_B1_F10		ZM_119_B1_F10_MR
62305	ZM_119_B1_F11		ZM_119_B1_F11_MR
62306	ZM_119_B1_G01		ZM_119_B1_G01_MR
62307	ZM_119_B1_G02		ZM_119_B1_G02_MR
62308	ZM_119_B1_G03		ZM_119_B1_G03_MR
62309	ZM_119_B1_G04		ZM_119_B1_G04_MR
62310	ZM_119_B1_G05		ZM_119_B1_G05_MR
62311	ZM_119_B1_G06		ZM_119_B1_G06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62312	ZM_119_B1_G07		ZM_119_B1_G07_MR
62313	ZM_119_B1_G08		ZM_119_B1_G08_MR
62314	ZM_119_B1_G09		ZM_119_B1_G09_MR
62315	ZM_119_B1_G10		ZM_119_B1_G10_MR
62316	ZM_119_B1_G12		ZM_119_B1_G12_MR
62317	ZM_119_B1_H01		ZM_119_B1_H01_MR
62318	ZM_119_B1_H02		ZM_119_B1_H02_MR
62319	ZM_119_B1_H03		ZM_119_B1_H03_MR
62320	ZM_119_B1_H04		ZM_119_B1_H04_MR
62321	ZM_119_B1_H05		ZM_119_B1_H05_MR
62322	ZM_119_B1_H06		ZM_119_B1_H06_MR
62323	ZM_119_B1_H07		ZM_119_B1_H07_MR
62324	ZM_119_B1_H08		ZM_119_B1_H08_MR
62325	ZM_119_B1_H09		ZM_119_B1_H09_MR
62326	ZM_119_B1_H10		ZM_119_B1_H10_MR
62327	ZM_120_A1_A03	ZM_120_A1_A03_T7C	
62328	ZM_120_A1_A04	ZM_120_A1_A04_T7C	
62329	ZM_120_A1_A05	ZM_120_A1_A05_T7C	
62330	ZM_120_A1_A06	ZM_120_A1_A06_T7C	
62331	ZM_120_A1_A07	ZM_120_A1_A07_T7C	
62332	ZM_120_A1_A08	ZM_120_A1_A08_T7C	
62333	ZM_120_A1_A09	ZM_120_A1_A09_T7C	
62334	ZM_120_A1_A10	ZM_120_A1_A10_T7C	
62335	ZM_120_A1_A11	ZM_120_A1_A11_T7C	
62336	ZM_120_A1_A12	ZM_120_A1_A12_T7C	
62337	ZM_120_A1_B01	ZM_120_A1_B01_T7C	
62338	ZM_120_A1_B02	ZM_120_A1_B02_T7C	
62339	ZM_120_A1_B03	ZM_120_A1_B03_T7C	
62340	ZM_120_A1_B04	ZM_120_A1_B04_T7C	
62341	ZM_120_A1_B07	ZM_120_A1_B07_T7C	
62342	ZM_120_A1_B09	ZM_120_A1_B09_T7C	
62343	ZM_120_A1_B11	ZM_120_A1_B11_T7C	
62344	ZM_120_A1_B12	ZM_120_A1_B12_T7C	
62345	ZM_120_A1_C01	ZM_120_A1_C01_T7C	
62346	ZM_120_A1_C02	ZM_120_A1_C02_T7C	
62347	ZM_120_A1_C04	ZM_120_A1_C04_T7C	
62348	ZM_120_A1_C06	ZM_120_A1_C06_T7C	
62349	ZM_120_A1_C07	ZM_120_A1_C07_T7C	
62350	ZM_120_A1_C08	ZM_120_A1_C08_T7C	
62351	ZM_120_A1_C10	ZM_120_A1_C10_T7C	
62352	ZM_120_A1_C11	ZM_120_A1_C11_T7C	
62353	ZM_120_A1_C12	ZM_120_A1_C12_T7C	
62354	ZM_120_A1_D01	ZM_120_A1_D01_T7C	
62355	ZM_120_A1_D02	ZM_120_A1_D02_T7C	
62356	ZM_120_A1_D03	ZM_120_A1_D03_T7C	
62357	ZM_120_A1_D04	ZM_120_A1_D04_T7C	
62358	ZM_120_A1_D05	ZM_120_A1_D05_T7C	
62359	ZM_120_A1_D08	ZM_120_A1_D08_T7C	
62360	ZM_120_A1_D09	ZM_120_A1_D09_T7C	
62361	ZM_120_A1_D10	ZM_120_A1_D10_T7C	
62362	ZM_120_A1_D11	ZM_120_A1_D11_T7C	
62363	ZM_120_A1_D12	ZM_120_A1_D12_T7C	
62364	ZM_120_A1_E01	ZM_120_A1_E01_T7C	
62365	ZM_120_A1_E03	ZM_120_A1_E03_T7C	
62366	ZM_120_A1_E04	ZM_120_A1_E04_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62367	ZM_120_A1_E07	ZM_120_A1_E07_T7C	
62368	ZM_120_A1_E08	ZM_120_A1_E08_T7C	
62369	ZM_120_A1_E10	ZM_120_A1_E10_T7C	
62370	ZM_120_A1_E11	ZM_120_A1_E11_T7C	
62371	ZM_120_A1_E12	ZM_120_A1_E12_T7C	
62372	ZM_120_A1_F02	ZM_120_A1_F02_T7C	
62373	ZM_120_A1_F03	ZM_120_A1_F03_T7C	
62374	ZM_120_A1_F07	ZM_120_A1_F07_T7C	
62375	ZM_120_A1_F08	ZM_120_A1_F08_T7C	
62376	ZM_120_A1_F09	ZM_120_A1_F09_T7C	
62377	ZM_120_A1_F10	ZM_120_A1_F10_T7C	
62378	ZM_120_A1_F11	ZM_120_A1_F11_T7C	
62379	ZM_120_A1_F12	ZM_120_A1_F12_T7C	
62380	ZM_120_A1_G01	ZM_120_A1_G01_T7C	
62381	ZM_120_A1_G02	ZM_120_A1_G02_T7C	
62382	ZM_120_A1_G03	ZM_120_A1_G03_T7C	
62383	ZM_120_A1_G04	ZM_120_A1_G04_T7C	
62384	ZM_120_A1_G06	ZM_120_A1_G06_T7C	
62385	ZM_120_A1_G07	ZM_120_A1_G07_T7C	
62386	ZM_120_A1_G08	ZM_120_A1_G08_T7C	
62387	ZM_120_A1_G09	ZM_120_A1_G09_T7C	
62388	ZM_120_A1_G10	ZM_120_A1_G10_T7C	
62389	ZM_120_A1_G12	ZM_120_A1_G12_T7C	
62390	ZM_120_A1_H01	ZM_120_A1_H01_T7C	
62391	ZM_120_A1_H02	ZM_120_A1_H02_T7C	
62392	ZM_120_A1_H03	ZM_120_A1_H03_T7C	
62393	ZM_120_A1_H04	ZM_120_A1_H04_T7C	
62394	ZM_120_A1_H05	ZM_120_A1_H05_T7C	
62395	ZM_120_A1_H06	ZM_120_A1_H06_T7C	
62396	ZM_120_A1_H07	ZM_120_A1_H07_T7C	
62397	ZM_120_A1_H08	ZM_120_A1_H08_T7C	
62398	ZM_120_A1_H09	ZM_120_A1_H09_T7C	
62399	ZM_120_A1_H10	ZM_120_A1_H10_T7C	
62400	ZM_120_A1_H11	ZM_120_A1_H11_T7C	
62401	ZM_120_A1_H12	ZM_120_A1_H12_T7C	
62402	ZM_120_A2_A01	ZM_120_A2_A01_T7C	
62403	ZM_120_A2_A02	ZM_120_A2_A02_T7C	
62404	ZM_120_A2_A02		ZM_120_A2_A02_MR
62405	ZM_120_A2_A03	ZM_120_A2_A03_T7C	
62406	ZM_120_A2_A04	ZM_120_A2_A04_T7C	
62407	ZM_120_A2_A04		ZM_120_A2_A04_MR
62408	ZM_120_A2_A05	ZM_120_A2_A05_T7C	
62409	ZM_120_A2_A05		ZM_120_A2_A05_MR
62410	ZM_120_A2_A06	ZM_120_A2_A06_T7C	
62411	ZM_120_A2_A06		ZM_120_A2_A06_MR
62412	ZM_120_A2_A07	ZM_120_A2_A07_T7C	
62413	ZM_120_A2_A07		ZM_120_A2_A07_MR
62414	ZM_120_A2_A08	ZM_120_A2_A08_T7C	
62415	ZM_120_A2_A08		ZM_120_A2_A08_MR
62416	ZM_120_A2_A09	ZM_120_A2_A09_T7C	
62417	ZM_120_A2_A09		ZM_120_A2_A09_MR
62418	ZM_120_A2_A10	ZM_120_A2_A10_T7C	
62419	ZM_120_A2_A10		ZM_120_A2_A10_MR
62420	ZM_120_A2_A11	ZM_120_A2_A11_T7C	
62421	ZM_120_A2_A11		ZM_120_A2_A11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62422	ZM_120_A2_A12	ZM_120_A2_A12_T7C	
62423	ZM_120_A2_A12		ZM_120_A2_A12_MR
62424	ZM_120_A2_B01		ZM_120_A2_B01_MR
62425	ZM_120_A2_B02	ZM_120_A2_B02_T7C	
62426	ZM_120_A2_B02		ZM_120_A2_B02_MR
62427	ZM_120_A2_B03	ZM_120_A2_B03_T7C	
62428	ZM_120_A2_B03		ZM_120_A2_B03_MR
62429	ZM_120_A2_B04	ZM_120_A2_B04_T7C	
62430	ZM_120_A2_B04		ZM_120_A2_B04_MR
62431	ZM_120_A2_B05	ZM_120_A2_B05_T7C	
62432	ZM_120_A2_B05		ZM_120_A2_B05_MR
62433	ZM_120_A2_B06	ZM_120_A2_B06_T7C	
62434	ZM_120_A2_B06		ZM_120_A2_B06_MR
62435	ZM_120_A2_B07	ZM_120_A2_B07_T7C	
62436	ZM_120_A2_B07		ZM_120_A2_B07_MR
62437	ZM_120_A2_B08	ZM_120_A2_B08_T7C	
62438	ZM_120_A2_B08		ZM_120_A2_B08_MR
62439	ZM_120_A2_B09	ZM_120_A2_B09_T7C	
62440	ZM_120_A2_B09		ZM_120_A2_B09_MR
62441	ZM_120_A2_B10	ZM_120_A2_B10_T7C	
62442	ZM_120_A2_B10		ZM_120_A2_B10_MR
62443	ZM_120_A2_B11	ZM_120_A2_B11_T7C	
62444	ZM_120_A2_B11		ZM_120_A2_B11_MR
62445	ZM_120_A2_B12	ZM_120_A2_B12_T7C	
62446	ZM_120_A2_B12		ZM_120_A2_B12_MR
62447	ZM_120_A2_C01	ZM_120_A2_C01_T7C	
62448	ZM_120_A2_C01		ZM_120_A2_C01_MR
62449	ZM_120_A2_C02	ZM_120_A2_C02_T7C	
62450	ZM_120_A2_C03	ZM_120_A2_C03_T7C	
62451	ZM_120_A2_C03		ZM_120_A2_C03_MR
62452	ZM_120_A2_C04	ZM_120_A2_C04_T7C	
62453	ZM_120_A2_C05	ZM_120_A2_C05_T7C	
62454	ZM_120_A2_C05		ZM_120_A2_C05_MR
62455	ZM_120_A2_C06		ZM_120_A2_C06_MR
62456	ZM_120_A2_C07	ZM_120_A2_C07_T7C	
62457	ZM_120_A2_C07		ZM_120_A2_C07_MR
62458	ZM_120_A2_C08	ZM_120_A2_C08_T7C	
62459	ZM_120_A2_C08		ZM_120_A2_C08_MR
62460	ZM_120_A2_C09	ZM_120_A2_C09_T7C	
62461	ZM_120_A2_C09		ZM_120_A2_C09_MR
62462	ZM_120_A2_C10	ZM_120_A2_C10_T7C	
62463	ZM_120_A2_C10		ZM_120_A2_C10_MR
62464	ZM_120_A2_C11	ZM_120_A2_C11_T7C	
62465	ZM_120_A2_C11		ZM_120_A2_C11_MR
62466	ZM_120_A2_C12	ZM_120_A2_C12_T7C	
62467	ZM_120_A2_C12		ZM_120_A2_C12_MR
62468	ZM_120_A2_D01	ZM_120_A2_D01_T7C	
62469	ZM_120_A2_D01		ZM_120_A2_D01_MR
62470	ZM_120_A2_D02		ZM_120_A2_D02_MR
62471	ZM_120_A2_D03	ZM_120_A2_D03_T7C	
62472	ZM_120_A2_D03		ZM_120_A2_D03_MR
62473	ZM_120_A2_D04	ZM_120_A2_D04_T7C	
62474	ZM_120_A2_D04		ZM_120_A2_D04_MR
62475	ZM_120_A2_D05	ZM_120_A2_D05_T7C	
62476	ZM_120_A2_D05		ZM_120_A2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62477	ZM_120_A2_D06	ZM_120_A2_D06_T7C	
62478	ZM_120_A2_D06		ZM_120_A2_D06_MR
62479	ZM_120_A2_D07	ZM_120_A2_D07_T7C	
62480	ZM_120_A2_D07		ZM_120_A2_D07_MR
62481	ZM_120_A2_D08	ZM_120_A2_D08_T7C	
62482	ZM_120_A2_D08		ZM_120_A2_D08_MR
62483	ZM_120_A2_D09	ZM_120_A2_D09_T7C	
62484	ZM_120_A2_D09		ZM_120_A2_D09_MR
62485	ZM_120_A2_D10	ZM_120_A2_D10_T7C	
62486	ZM_120_A2_D10		ZM_120_A2_D10_MR
62487	ZM_120_A2_D11	ZM_120_A2_D11_T7C	
62488	ZM_120_A2_D11		ZM_120_A2_D11_MR
62489	ZM_120_A2_D12	ZM_120_A2_D12_T7C	
62490	ZM_120_A2_E01	ZM_120_A2_E01_T7C	
62491	ZM_120_A2_E01		ZM_120_A2_E01_MR
62492	ZM_120_A2_E02	ZM_120_A2_E02_T7C	
62493	ZM_120_A2_E02		ZM_120_A2_E02_MR
62494	ZM_120_A2_E03	ZM_120_A2_E03_T7C	
62495	ZM_120_A2_E03		ZM_120_A2_E03_MR
62496	ZM_120_A2_E04	ZM_120_A2_E04_T7C	
62497	ZM_120_A2_E04		ZM_120_A2_E04_MR
62498	ZM_120_A2_E05	ZM_120_A2_E05_T7C	
62499	ZM_120_A2_E06		ZM_120_A2_E06_MR
62500	ZM_120_A2_E07	ZM_120_A2_E07_T7C	
62501	ZM_120_A2_E07		ZM_120_A2_E07_MR
62502	ZM_120_A2_E08	ZM_120_A2_E08_T7C	
62503	ZM_120_A2_E09	ZM_120_A2_E09_T7C	
62504	ZM_120_A2_E09		ZM_120_A2_E09_MR
62505	ZM_120_A2_E10	ZM_120_A2_E10_T7C	
62506	ZM_120_A2_E10		ZM_120_A2_E10_MR
62507	ZM_120_A2_E11		ZM_120_A2_E11_MR
62508	ZM_120_A2_E12	ZM_120_A2_E12_T7C	
62509	ZM_120_A2_E12		ZM_120_A2_E12_MR
62510	ZM_120_A2_F01	ZM_120_A2_F01_T7C	
62511	ZM_120_A2_F01		ZM_120_A2_F01_MR
62512	ZM_120_A2_F02	ZM_120_A2_F02_T7C	
62513	ZM_120_A2_F02		ZM_120_A2_F02_MR
62514	ZM_120_A2_F04	ZM_120_A2_F04_T7C	
62515	ZM_120_A2_F04		ZM_120_A2_F04_MR
62516	ZM_120_A2_F05	ZM_120_A2_F05_T7C	
62517	ZM_120_A2_F06	ZM_120_A2_F06_T7C	
62518	ZM_120_A2_F06		ZM_120_A2_F06_MR
62519	ZM_120_A2_F07	ZM_120_A2_F07_T7C	
62520	ZM_120_A2_F07		ZM_120_A2_F07_MR
62521	ZM_120_A2_F08	ZM_120_A2_F08_T7C	
62522	ZM_120_A2_F08		ZM_120_A2_F08_MR
62523	ZM_120_A2_F09		ZM_120_A2_F09_MR
62524	ZM_120_A2_F10	ZM_120_A2_F10_T7C	
62525	ZM_120_A2_F10		ZM_120_A2_F10_MR
62526	ZM_120_A2_F11	ZM_120_A2_F11_T7C	
62527	ZM_120_A2_F11		ZM_120_A2_F11_MR
62528	ZM_120_A2_F12	ZM_120_A2_F12_T7C	
62529	ZM_120_A2_F12		ZM_120_A2_F12_MR
62530	ZM_120_A2_G01	ZM_120_A2_G01_T7C	
62531	ZM_120_A2_G01		ZM_120_A2_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62532	ZM_120_A2_G02	ZM_120_A2_G02_T7C	
62533	ZM_120_A2_G02		ZM_120_A2_G02_MR
62534	ZM_120_A2_G03	ZM_120_A2_G03_T7C	
62535	ZM_120_A2_G03		ZM_120_A2_G03_MR
62536	ZM_120_A2_G04	ZM_120_A2_G04_T7C	
62537	ZM_120_A2_G04		ZM_120_A2_G04_MR
62538	ZM_120_A2_G05	ZM_120_A2_G05_T7C	
62539	ZM_120_A2_G05		ZM_120_A2_G05_MR
62540	ZM_120_A2_G06		ZM_120_A2_G06_MR
62541	ZM_120_A2_G07	ZM_120_A2_G07_T7C	
62542	ZM_120_A2_G07		ZM_120_A2_G07_MR
62543	ZM_120_A2_G08	ZM_120_A2_G08_T7C	
62544	ZM_120_A2_G08		ZM_120_A2_G08_MR
62545	ZM_120_A2_G09	ZM_120_A2_G09_T7C	
62546	ZM_120_A2_G09		ZM_120_A2_G09_MR
62547	ZM_120_A2_G10	ZM_120_A2_G10_T7C	
62548	ZM_120_A2_G10		ZM_120_A2_G10_MR
62549	ZM_120_A2_G11	ZM_120_A2_G11_T7C	
62550	ZM_120_A2_G11		ZM_120_A2_G11_MR
62551	ZM_120_A2_G12	ZM_120_A2_G12_T7C	
62552	ZM_120_A2_G12		ZM_120_A2_G12_MR
62553	ZM_120_A2_H01	ZM_120_A2_H01_T7C	
62554	ZM_120_A2_H01		ZM_120_A2_H01_MR
62555	ZM_120_A2_H02	ZM_120_A2_H02_T7C	
62556	ZM_120_A2_H02		ZM_120_A2_H02_MR
62557	ZM_120_A2_H03	ZM_120_A2_H03_T7C	
62558	ZM_120_A2_H03		ZM_120_A2_H03_MR
62559	ZM_120_A2_H04	ZM_120_A2_H04_T7C	
62560	ZM_120_A2_H04		ZM_120_A2_H04_MR
62561	ZM_120_A2_H05	ZM_120_A2_H05_T7C	
62562	ZM_120_A2_H05		ZM_120_A2_H05_MR
62563	ZM_120_A2_H06	ZM_120_A2_H06_T7C	
62564	ZM_120_A2_H06		ZM_120_A2_H06_MR
62565	ZM_120_A2_H07	ZM_120_A2_H07_T7C	
62566	ZM_120_A2_H07		ZM_120_A2_H07_MR
62567	ZM_120_A2_H08	ZM_120_A2_H08_T7C	
62568	ZM_120_A2_H08		ZM_120_A2_H08_MR
62569	ZM_120_A2_H09	ZM_120_A2_H09_T7C	
62570	ZM_120_A2_H09		ZM_120_A2_H09_MR
62571	ZM_120_A2_H10	ZM_120_A2_H10_T7C	
62572	ZM_120_A2_H10		ZM_120_A2_H10_MR
62573	ZM_120_A2_H11	ZM_120_A2_H11_T7C	
62574	ZM_120_A2_H12	ZM_120_A2_H12_T7C	
62575	ZM_120_A2_H12		ZM_120_A2_H12_MR
62576	ZM_120_B1_A01		ZM_120_B1_A01_MR
62577	ZM_120_B1_A02		ZM_120_B1_A02_MR
62578	ZM_120_B1_A03		ZM_120_B1_A03_MR
62579	ZM_120_B1_A04		ZM_120_B1_A04_MR
62580	ZM_120_B1_A05		ZM_120_B1_A05_MR
62581	ZM_120_B1_A07		ZM_120_B1_A07_MR
62582	ZM_120_B1_A08		ZM_120_B1_A08_MR
62583	ZM_120_B1_A09		ZM_120_B1_A09_MR
62584	ZM_120_B1_A12		ZM_120_B1_A12_MR
62585	ZM_120_B1_B01		ZM_120_B1_B01_MR
62586	ZM_120_B1_B02		ZM_120_B1_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62587	ZM_120_B1_B03		ZM_120_B1_B03_MR
62588	ZM_120_B1_B04		ZM_120_B1_B04_MR
62589	ZM_120_B1_B06		ZM_120_B1_B06_MR
62590	ZM_120_B1_B07		ZM_120_B1_B07_MR
62591	ZM_120_B1_B10		ZM_120_B1_B10_MR
62592	ZM_120_B1_B11		ZM_120_B1_B11_MR
62593	ZM_120_B1_B12		ZM_120_B1_B12_MR
62594	ZM_120_B1_C01		ZM_120_B1_C01_MR
62595	ZM_120_B1_C02		ZM_120_B1_C02_MR
62596	ZM_120_B1_C04		ZM_120_B1_C04_MR
62597	ZM_120_B1_C06		ZM_120_B1_C06_MR
62598	ZM_120_B1_C07		ZM_120_B1_C07_MR
62599	ZM_120_B1_C08		ZM_120_B1_C08_MR
62600	ZM_120_B1_C09		ZM_120_B1_C09_MR
62601	ZM_120_B1_C10		ZM_120_B1_C10_MR
62602	ZM_120_B1_C12		ZM_120_B1_C12_MR
62603	ZM_120_B1_D01		ZM_120_B1_D01_MR
62604	ZM_120_B1_D02		ZM_120_B1_D02_MR
62605	ZM_120_B1_D03		ZM_120_B1_D03_MR
62606	ZM_120_B1_D04		ZM_120_B1_D04_MR
62607	ZM_120_B1_D05		ZM_120_B1_D05_MR
62608	ZM_120_B1_D08		ZM_120_B1_D08_MR
62609	ZM_120_B1_D09		ZM_120_B1_D09_MR
62610	ZM_120_B1_D10		ZM_120_B1_D10_MR
62611	ZM_120_B1_D11		ZM_120_B1_D11_MR
62612	ZM_120_B1_D12		ZM_120_B1_D12_MR
62613	ZM_120_B1_E01		ZM_120_B1_E01_MR
62614	ZM_120_B1_E02		ZM_120_B1_E02_MR
62615	ZM_120_B1_E03		ZM_120_B1_E03_MR
62616	ZM_120_B1_E05		ZM_120_B1_E05_MR
62617	ZM_120_B1_E07		ZM_120_B1_E07_MR
62618	ZM_120_B1_E08		ZM_120_B1_E08_MR
62619	ZM_120_B1_E10		ZM_120_B1_E10_MR
62620	ZM_120_B1_E11		ZM_120_B1_E11_MR
62621	ZM_120_B1_E12		ZM_120_B1_E12_MR
62622	ZM_120_B1_F01		ZM_120_B1_F01_MR
62623	ZM_120_B1_F02		ZM_120_B1_F02_MR
62624	ZM_120_B1_F03		ZM_120_B1_F03_MR
62625	ZM_120_B1_F04		ZM_120_B1_F04_MR
62626	ZM_120_B1_F05		ZM_120_B1_F05_MR
62627	ZM_120_B1_F07		ZM_120_B1_F07_MR
62628	ZM_120_B1_F08		ZM_120_B1_F08_MR
62629	ZM_120_B1_F09		ZM_120_B1_F09_MR
62630	ZM_120_B1_F10		ZM_120_B1_F10_MR
62631	ZM_120_B1_F11		ZM_120_B1_F11_MR
62632	ZM_120_B1_F12		ZM_120_B1_F12_MR
62633	ZM_120_B1_G01		ZM_120_B1_G01_MR
62634	ZM_120_B1_G02		ZM_120_B1_G02_MR
62635	ZM_120_B1_G03		ZM_120_B1_G03_MR
62636	ZM_120_B1_G04		ZM_120_B1_G04_MR
62637	ZM_120_B1_G08		ZM_120_B1_G08_MR
62638	ZM_120_B1_G10		ZM_120_B1_G10_MR
62639	ZM_120_B1_G11		ZM_120_B1_G11_MR
62640	ZM_120_B1_G12		ZM_120_B1_G12_MR
62641	ZM_120_B1_H01		ZM_120_B1_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62642	ZM_120_B1_H02		ZM_120_B1_H02_MR
62643	ZM_120_B1_H03		ZM_120_B1_H03_MR
62644	ZM_120_B1_H04		ZM_120_B1_H04_MR
62645	ZM_120_B1_H05		ZM_120_B1_H05_MR
62646	ZM_120_B1_H06		ZM_120_B1_H06_MR
62647	ZM_120_B1_H07		ZM_120_B1_H07_MR
62648	ZM_120_B1_H08		ZM_120_B1_H08_MR
62649	ZM_120_B1_H09		ZM_120_B1_H09_MR
62650	ZM_120_B1_H11		ZM_120_B1_H11_MR
62651	ZM_120_B1_H12		ZM_120_B1_H12_MR
62652	ZM_120_B2_A02		ZM_120_B2_A02_MR
62653	ZM_120_B2_A04		ZM_120_B2_A04_MR
62654	ZM_120_B2_A05		ZM_120_B2_A05_MR
62655	ZM_120_B2_A06		ZM_120_B2_A06_MR
62656	ZM_120_B2_A07		ZM_120_B2_A07_MR
62657	ZM_120_B2_A08		ZM_120_B2_A08_MR
62658	ZM_120_B2_A09		ZM_120_B2_A09_MR
62659	ZM_120_B2_A10		ZM_120_B2_A10_MR
62660	ZM_120_B2_A11		ZM_120_B2_A11_MR
62661	ZM_120_B2_A12		ZM_120_B2_A12_MR
62662	ZM_120_B2_B01		ZM_120_B2_B01_MR
62663	ZM_120_B2_B02		ZM_120_B2_B02_MR
62664	ZM_120_B2_B03		ZM_120_B2_B03_MR
62665	ZM_120_B2_B04		ZM_120_B2_B04_MR
62666	ZM_120_B2_B05		ZM_120_B2_B05_MR
62667	ZM_120_B2_B06		ZM_120_B2_B06_MR
62668	ZM_120_B2_B07		ZM_120_B2_B07_MR
62669	ZM_120_B2_B08		ZM_120_B2_B08_MR
62670	ZM_120_B2_B09		ZM_120_B2_B09_MR
62671	ZM_120_B2_B10		ZM_120_B2_B10_MR
62672	ZM_120_B2_B11		ZM_120_B2_B11_MR
62673	ZM_120_B2_B12		ZM_120_B2_B12_MR
62674	ZM_120_B2_C01		ZM_120_B2_C01_MR
62675	ZM_120_B2_C02		ZM_120_B2_C02_MR
62676	ZM_120_B2_C03		ZM_120_B2_C03_MR
62677	ZM_120_B2_C04		ZM_120_B2_C04_MR
62678	ZM_120_B2_C05		ZM_120_B2_C05_MR
62679	ZM_120_B2_C06		ZM_120_B2_C06_MR
62680	ZM_120_B2_C07		ZM_120_B2_C07_MR
62681	ZM_120_B2_C08		ZM_120_B2_C08_MR
62682	ZM_120_B2_C09		ZM_120_B2_C09_MR
62683	ZM_120_B2_C10		ZM_120_B2_C10_MR
62684	ZM_120_B2_C11		ZM_120_B2_C11_MR
62685	ZM_120_B2_C12		ZM_120_B2_C12_MR
62686	ZM_120_B2_D01		ZM_120_B2_D01_MR
62687	ZM_120_B2_D02		ZM_120_B2_D02_MR
62688	ZM_120_B2_D03		ZM_120_B2_D03_MR
62689	ZM_120_B2_D04		ZM_120_B2_D04_MR
62690	ZM_120_B2_D05		ZM_120_B2_D05_MR
62691	ZM_120_B2_D06		ZM_120_B2_D06_MR
62692	ZM_120_B2_D07		ZM_120_B2_D07_MR
62693	ZM_120_B2_D08		ZM_120_B2_D08_MR
62694	ZM_120_B2_D09		ZM_120_B2_D09_MR
62695	ZM_120_B2_D10		ZM_120_B2_D10_MR
62696	ZM_120_B2_D11		ZM_120_B2_D11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62697	ZM_120_B2_D12		ZM_120_B2_D12_MR
62698	ZM_120_B2_E01		ZM_120_B2_E01_MR
62699	ZM_120_B2_E02		ZM_120_B2_E02_MR
62700	ZM_120_B2_E03		ZM_120_B2_E03_MR
62701	ZM_120_B2_E04		ZM_120_B2_E04_MR
62702	ZM_120_B2_E05		ZM_120_B2_E05_MR
62703	ZM_120_B2_E06		ZM_120_B2_E06_MR
62704	ZM_120_B2_E07		ZM_120_B2_E07_MR
62705	ZM_120_B2_E08		ZM_120_B2_E08_MR
62706	ZM_120_B2_E09		ZM_120_B2_E09_MR
62707	ZM_120_B2_E10		ZM_120_B2_E10_MR
62708	ZM_120_B2_E11		ZM_120_B2_E11_MR
62709	ZM_120_B2_E12		ZM_120_B2_E12_MR
62710	ZM_120_B2_F01		ZM_120_B2_F01_MR
62711	ZM_120_B2_F02		ZM_120_B2_F02_MR
62712	ZM_120_B2_F03		ZM_120_B2_F03_MR
62713	ZM_120_B2_F04		ZM_120_B2_F04_MR
62714	ZM_120_B2_F05		ZM_120_B2_F05_MR
62715	ZM_120_B2_F06		ZM_120_B2_F06_MR
62716	ZM_120_B2_F07		ZM_120_B2_F07_MR
62717	ZM_120_B2_F08		ZM_120_B2_F08_MR
62718	ZM_120_B2_F09		ZM_120_B2_F09_MR
62719	ZM_120_B2_F10		ZM_120_B2_F10_MR
62720	ZM_120_B2_F11		ZM_120_B2_F11_MR
62721	ZM_120_B2_F12		ZM_120_B2_F12_MR
62722	ZM_120_B2_G01		ZM_120_B2_G01_MR
62723	ZM_120_B2_G02		ZM_120_B2_G02_MR
62724	ZM_120_B2_G03		ZM_120_B2_G03_MR
62725	ZM_120_B2_G04		ZM_120_B2_G04_MR
62726	ZM_120_B2_G05		ZM_120_B2_G05_MR
62727	ZM_120_B2_G06		ZM_120_B2_G06_MR
62728	ZM_120_B2_G07		ZM_120_B2_G07_MR
62729	ZM_120_B2_G08		ZM_120_B2_G08_MR
62730	ZM_120_B2_G09		ZM_120_B2_G09_MR
62731	ZM_120_B2_G10		ZM_120_B2_G10_MR
62732	ZM_120_B2_G11		ZM_120_B2_G11_MR
62733	ZM_120_B2_G12		ZM_120_B2_G12_MR
62734	ZM_120_B2_H01		ZM_120_B2_H01_MR
62735	ZM_120_B2_H02		ZM_120_B2_H02_MR
62736	ZM_120_B2_H03		ZM_120_B2_H03_MR
62737	ZM_120_B2_H04		ZM_120_B2_H04_MR
62738	ZM_120_B2_H05		ZM_120_B2_H05_MR
62739	ZM_120_B2_H06		ZM_120_B2_H06_MR
62740	ZM_120_B2_H07		ZM_120_B2_H07_MR
62741	ZM_120_B2_H08		ZM_120_B2_H08_MR
62742	ZM_120_B2_H09		ZM_120_B2_H09_MR
62743	ZM_120_B2_H10		ZM_120_B2_H10_MR
62744	ZM_120_B2_H11		ZM_120_B2_H11_MR
62745	ZM_120_B2_H12		ZM_120_B2_H12_MR
62746	ZM_121_A2_A01		ZM_121_A2_A01_MR
62747	ZM_121_A2_A02	ZM_121_A2_A02_T7C	
62748	ZM_121_A2_A02		ZM_121_A2_A02_MR
62749	ZM_121_A2_A03	ZM_121_A2_A03_T7C	
62750	ZM_121_A2_A03		ZM_121_A2_A03_MR
62751	ZM_121_A2_A04	ZM_121_A2_A04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62752	ZM_121_A2_A04		ZM_121_A2_A04_MR
62753	ZM_121_A2_A05	ZM_121_A2_A05_T7C	
62754	ZM_121_A2_A05		ZM_121_A2_A05_MR
62755	ZM_121_A2_A06	ZM_121_A2_A06_T7C	
62756	ZM_121_A2_A07		ZM_121_A2_A07_MR
62757	ZM_121_A2_A08	ZM_121_A2_A08_T7C	
62758	ZM_121_A2_A08		ZM_121_A2_A08_MR
62759	ZM_121_A2_A09	ZM_121_A2_A09_T7C	
62760	ZM_121_A2_A09		ZM_121_A2_A09_MR
62761	ZM_121_A2_A10	ZM_121_A2_A10_T7C	
62762	ZM_121_A2_A10		ZM_121_A2_A10_MR
62763	ZM_121_A2_A11		ZM_121_A2_A11_MR
62764	ZM_121_A2_A12	ZM_121_A2_A12_T7C	
62765	ZM_121_A2_A12		ZM_121_A2_A12_MR
62766	ZM_121_A2_B01	ZM_121_A2_B01_T7C	
62767	ZM_121_A2_B01		ZM_121_A2_B01_MR
62768	ZM_121_A2_B02		ZM_121_A2_B02_MR
62769	ZM_121_A2_B03		ZM_121_A2_B03_MR
62770	ZM_121_A2_B04		ZM_121_A2_B04_MR
62771	ZM_121_A2_B05		ZM_121_A2_B05_MR
62772	ZM_121_A2_B06	ZM_121_A2_B06_T7C	
62773	ZM_121_A2_B06		ZM_121_A2_B06_MR
62774	ZM_121_A2_B07		ZM_121_A2_B07_MR
62775	ZM_121_A2_B08	ZM_121_A2_B08_T7C	
62776	ZM_121_A2_B08		ZM_121_A2_B08_MR
62777	ZM_121_A2_B09		ZM_121_A2_B09_MR
62778	ZM_121_A2_B10		ZM_121_A2_B10_MR
62779	ZM_121_A2_B11	ZM_121_A2_B11_T7C	
62780	ZM_121_A2_B12	ZM_121_A2_B12_T7C	
62781	ZM_121_A2_C01	ZM_121_A2_C01_T7C	
62782	ZM_121_A2_C01		ZM_121_A2_C01_MR
62783	ZM_121_A2_C02		ZM_121_A2_C02_MR
62784	ZM_121_A2_C03		ZM_121_A2_C03_MR
62785	ZM_121_A2_C04	ZM_121_A2_C04_T7C	
62786	ZM_121_A2_C04		ZM_121_A2_C04_MR
62787	ZM_121_A2_C05		ZM_121_A2_C05_MR
62788	ZM_121_A2_C06		ZM_121_A2_C06_MR
62789	ZM_121_A2_C07	ZM_121_A2_C07_T7C	
62790	ZM_121_A2_C07		ZM_121_A2_C07_MR
62791	ZM_121_A2_C08		ZM_121_A2_C08_MR
62792	ZM_121_A2_C09	ZM_121_A2_C09_T7C	
62793	ZM_121_A2_C09		ZM_121_A2_C09_MR
62794	ZM_121_A2_C10	ZM_121_A2_C10_T7C	
62795	ZM_121_A2_C10		ZM_121_A2_C10_MR
62796	ZM_121_A2_C12		ZM_121_A2_C12_MR
62797	ZM_121_A2_D01	ZM_121_A2_D01_T7C	
62798	ZM_121_A2_D01		ZM_121_A2_D01_MR
62799	ZM_121_A2_D02		ZM_121_A2_D02_MR
62800	ZM_121_A2_D03	ZM_121_A2_D03_T7C	
62801	ZM_121_A2_D03		ZM_121_A2_D03_MR
62802	ZM_121_A2_D04	ZM_121_A2_D04_T7C	
62803	ZM_121_A2_D04		ZM_121_A2_D04_MR
62804	ZM_121_A2_D05	ZM_121_A2_D05_T7C	
62805	ZM_121_A2_D05		ZM_121_A2_D05_MR
62806	ZM_121_A2_D06	ZM_121_A2_D06_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62807	ZM_121_A2_D06		ZM_121_A2_D06_MR
62808	ZM_121_A2_D07		ZM_121_A2_D07_MR
62809	ZM_121_A2_D09	ZM_121_A2_D09_T7C	
62810	ZM_121_A2_D09		ZM_121_A2_D09_MR
62811	ZM_121_A2_D10		ZM_121_A2_D10_MR
62812	ZM_121_A2_D11	ZM_121_A2_D11_T7C	
62813	ZM_121_A2_D11		ZM_121_A2_D11_MR
62814	ZM_121_A2_D12	ZM_121_A2_D12_T7C	
62815	ZM_121_A2_D12		ZM_121_A2_D12_MR
62816	ZM_121_A2_E01	ZM_121_A2_E01_T7C	
62817	ZM_121_A2_E01		ZM_121_A2_E01_MR
62818	ZM_121_A2_E02		ZM_121_A2_E02_MR
62819	ZM_121_A2_E03		ZM_121_A2_E03_MR
62820	ZM_121_A2_E04		ZM_121_A2_E04_MR
62821	ZM_121_A2_E05		ZM_121_A2_E05_MR
62822	ZM_121_A2_E06		ZM_121_A2_E06_MR
62823	ZM_121_A2_E07		ZM_121_A2_E07_MR
62824	ZM_121_A2_E08		ZM_121_A2_E08_MR
62825	ZM_121_A2_E09		ZM_121_A2_E09_MR
62826	ZM_121_A2_E10		ZM_121_A2_E10_MR
62827	ZM_121_A2_E11		ZM_121_A2_E11_MR
62828	ZM_121_A2_E12	ZM_121_A2_E12_T7C	
62829	ZM_121_A2_E12		ZM_121_A2_E12_MR
62830	ZM_121_A2_F01		ZM_121_A2_F01_MR
62831	ZM_121_A2_F02		ZM_121_A2_F02_MR
62832	ZM_121_A2_F03	ZM_121_A2_F03_T7C	
62833	ZM_121_A2_F03		ZM_121_A2_F03_MR
62834	ZM_121_A2_F04		ZM_121_A2_F04_MR
62835	ZM_121_A2_F05		ZM_121_A2_F05_MR
62836	ZM_121_A2_F07		ZM_121_A2_F07_MR
62837	ZM_121_A2_F08	ZM_121_A2_F08_T7C	
62838	ZM_121_A2_F08		ZM_121_A2_F08_MR
62839	ZM_121_A2_F10	ZM_121_A2_F10_T7C	
62840	ZM_121_A2_F10		ZM_121_A2_F10_MR
62841	ZM_121_A2_F11	ZM_121_A2_F11_T7C	
62842	ZM_121_A2_F11		ZM_121_A2_F11_MR
62843	ZM_121_A2_F12	ZM_121_A2_F12_T7C	
62844	ZM_121_A2_F12		ZM_121_A2_F12_MR
62845	ZM_121_A2_G01		ZM_121_A2_G01_MR
62846	ZM_121_A2_G02	ZM_121_A2_G02_T7C	
62847	ZM_121_A2_G02		ZM_121_A2_G02_MR
62848	ZM_121_A2_G03		ZM_121_A2_G03_MR
62849	ZM_121_A2_G05		ZM_121_A2_G05_MR
62850	ZM_121_A2_G06		ZM_121_A2_G06_MR
62851	ZM_121_A2_G07	ZM_121_A2_G07_T7C	
62852	ZM_121_A2_G07		ZM_121_A2_G07_MR
62853	ZM_121_A2_G08	ZM_121_A2_G08_T7C	
62854	ZM_121_A2_G08		ZM_121_A2_G08_MR
62855	ZM_121_A2_G09		ZM_121_A2_G09_MR
62856	ZM_121_A2_G10		ZM_121_A2_G10_MR
62857	ZM_121_A2_G11	ZM_121_A2_G11_T7C	
62858	ZM_121_A2_G11		ZM_121_A2_G11_MR
62859	ZM_121_A2_H01	ZM_121_A2_H01_T7C	
62860	ZM_121_A2_H01		ZM_121_A2_H01_MR
62861	ZM_121_A2_H02	ZM_121_A2_H02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62862	ZM_121_A2_H02		ZM_121_A2_H02_MR
62863	ZM_121_A2_H03	ZM_121_A2_H03_T7C	
62864	ZM_121_A2_H03		ZM_121_A2_H03_MR
62865	ZM_121_A2_H04		ZM_121_A2_H04_MR
62866	ZM_121_A2_H05	ZM_121_A2_H05_T7C	
62867	ZM_121_A2_H05		ZM_121_A2_H05_MR
62868	ZM_121_A2_H06		ZM_121_A2_H06_MR
62869	ZM_121_A2_H08		ZM_121_A2_H08_MR
62870	ZM_121_A2_H09		ZM_121_A2_H09_MR
62871	ZM_121_A2_H10		ZM_121_A2_H10_MR
62872	ZM_121_A2_H11		ZM_121_A2_H11_MR
62873	ZM_121_A2_H12		ZM_121_A2_H12_MR
62874	ZM_121_B1_A08		ZM_121_B1_A08_MR
62875	ZM_121_B1_D05		ZM_121_B1_D05_MR
62876	ZM_121_B1_D08		ZM_121_B1_D08_MR
62877	ZM_121_B1_E05		ZM_121_B1_E05_MR
62878	ZM_121_B1_F04		ZM_121_B1_F04_MR
62879	ZM_121_B1_G07		ZM_121_B1_G07_MR
62880	ZM_121_B2_A01		ZM_121_B2_A01_MR
62881	ZM_121_B2_A02		ZM_121_B2_A02_MR
62882	ZM_121_B2_A03		ZM_121_B2_A03_MR
62883	ZM_121_B2_A04		ZM_121_B2_A04_MR
62884	ZM_121_B2_A05		ZM_121_B2_A05_MR
62885	ZM_121_B2_A06		ZM_121_B2_A06_MR
62886	ZM_121_B2_A08		ZM_121_B2_A08_MR
62887	ZM_121_B2_A09		ZM_121_B2_A09_MR
62888	ZM_121_B2_A10		ZM_121_B2_A10_MR
62889	ZM_121_B2_A11		ZM_121_B2_A11_MR
62890	ZM_121_B2_A12		ZM_121_B2_A12_MR
62891	ZM_121_B2_B01		ZM_121_B2_B01_MR
62892	ZM_121_B2_B02		ZM_121_B2_B02_MR
62893	ZM_121_B2_B03		ZM_121_B2_B03_MR
62894	ZM_121_B2_B04		ZM_121_B2_B04_MR
62895	ZM_121_B2_B05		ZM_121_B2_B05_MR
62896	ZM_121_B2_B06		ZM_121_B2_B06_MR
62897	ZM_121_B2_B07		ZM_121_B2_B07_MR
62898	ZM_121_B2_B08		ZM_121_B2_B08_MR
62899	ZM_121_B2_B09		ZM_121_B2_B09_MR
62900	ZM_121_B2_B10		ZM_121_B2_B10_MR
62901	ZM_121_B2_B11		ZM_121_B2_B11_MR
62902	ZM_121_B2_B12		ZM_121_B2_B12_MR
62903	ZM_121_B2_C01		ZM_121_B2_C01_MR
62904	ZM_121_B2_C02		ZM_121_B2_C02_MR
62905	ZM_121_B2_C03		ZM_121_B2_C03_MR
62906	ZM_121_B2_C04		ZM_121_B2_C04_MR
62907	ZM_121_B2_C05		ZM_121_B2_C05_MR
62908	ZM_121_B2_C07		ZM_121_B2_C07_MR
62909	ZM_121_B2_C08		ZM_121_B2_C08_MR
62910	ZM_121_B2_C09		ZM_121_B2_C09_MR
62911	ZM_121_B2_C10		ZM_121_B2_C10_MR
62912	ZM_121_B2_C11		ZM_121_B2_C11_MR
62913	ZM_121_B2_C12		ZM_121_B2_C12_MR
62914	ZM_121_B2_D01		ZM_121_B2_D01_MR
62915	ZM_121_B2_D02		ZM_121_B2_D02_MR
62916	ZM_121_B2_D03		ZM_121_B2_D03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62917	ZM_121_B2_D04		ZM_121_B2_D04_MR
62918	ZM_121_B2_D05		ZM_121_B2_D05_MR
62919	ZM_121_B2_D06		ZM_121_B2_D06_MR
62920	ZM_121_B2_D07		ZM_121_B2_D07_MR
62921	ZM_121_B2_D08		ZM_121_B2_D08_MR
62922	ZM_121_B2_D09		ZM_121_B2_D09_MR
62923	ZM_121_B2_D10		ZM_121_B2_D10_MR
62924	ZM_121_B2_D11		ZM_121_B2_D11_MR
62925	ZM_121_B2_D12		ZM_121_B2_D12_MR
62926	ZM_121_B2_E01		ZM_121_B2_E01_MR
62927	ZM_121_B2_E02		ZM_121_B2_E02_MR
62928	ZM_121_B2_E03		ZM_121_B2_E03_MR
62929	ZM_121_B2_E04		ZM_121_B2_E04_MR
62930	ZM_121_B2_E05		ZM_121_B2_E05_MR
62931	ZM_121_B2_E06		ZM_121_B2_E06_MR
62932	ZM_121_B2_E07		ZM_121_B2_E07_MR
62933	ZM_121_B2_E08		ZM_121_B2_E08_MR
62934	ZM_121_B2_E09		ZM_121_B2_E09_MR
62935	ZM_121_B2_E10		ZM_121_B2_E10_MR
62936	ZM_121_B2_E11		ZM_121_B2_E11_MR
62937	ZM_121_B2_E12		ZM_121_B2_E12_MR
62938	ZM_121_B2_F01		ZM_121_B2_F01_MR
62939	ZM_121_B2_F02		ZM_121_B2_F02_MR
62940	ZM_121_B2_F04		ZM_121_B2_F04_MR
62941	ZM_121_B2_F05		ZM_121_B2_F05_MR
62942	ZM_121_B2_F06		ZM_121_B2_F06_MR
62943	ZM_121_B2_F07		ZM_121_B2_F07_MR
62944	ZM_121_B2_F08		ZM_121_B2_F08_MR
62945	ZM_121_B2_F10		ZM_121_B2_F10_MR
62946	ZM_121_B2_F11		ZM_121_B2_F11_MR
62947	ZM_121_B2_F12		ZM_121_B2_F12_MR
62948	ZM_121_B2_G01		ZM_121_B2_G01_MR
62949	ZM_121_B2_G02		ZM_121_B2_G02_MR
62950	ZM_121_B2_G03		ZM_121_B2_G03_MR
62951	ZM_121_B2_G04		ZM_121_B2_G04_MR
62952	ZM_121_B2_G05		ZM_121_B2_G05_MR
62953	ZM_121_B2_G06		ZM_121_B2_G06_MR
62954	ZM_121_B2_G07		ZM_121_B2_G07_MR
62955	ZM_121_B2_G08		ZM_121_B2_G08_MR
62956	ZM_121_B2_G09		ZM_121_B2_G09_MR
62957	ZM_121_B2_G10		ZM_121_B2_G10_MR
62958	ZM_121_B2_G11		ZM_121_B2_G11_MR
62959	ZM_121_B2_G12		ZM_121_B2_G12_MR
62960	ZM_121_B2_H01		ZM_121_B2_H01_MR
62961	ZM_121_B2_H02		ZM_121_B2_H02_MR
62962	ZM_121_B2_H03		ZM_121_B2_H03_MR
62963	ZM_121_B2_H04		ZM_121_B2_H04_MR
62964	ZM_121_B2_H05		ZM_121_B2_H05_MR
62965	ZM_121_B2_H06		ZM_121_B2_H06_MR
62966	ZM_121_B2_H07		ZM_121_B2_H07_MR
62967	ZM_121_B2_H08		ZM_121_B2_H08_MR
62968	ZM_121_B2_H09		ZM_121_B2_H09_MR
62969	ZM_121_B2_H10		ZM_121_B2_H10_MR
62970	ZM_121_B2_H11		ZM_121_B2_H11_MR
62971	ZM_121_B2_H12		ZM_121_B2_H12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
62972	ZM_122_A1_A01	ZM_122_A1_A01_T7C	
62973	ZM_122_A1_A02	ZM_122_A1_A02_T7C	
62974	ZM_122_A1_A03	ZM_122_A1_A03_T7C	
62975	ZM_122_A1_A04	ZM_122_A1_A04_T7C	
62976	ZM_122_A1_A07	ZM_122_A1_A07_T7C	
62977	ZM_122_A1_A08	ZM_122_A1_A08_T7C	
62978	ZM_122_A1_A09	ZM_122_A1_A09_T7C	
62979	ZM_122_A1_A10	ZM_122_A1_A10_T7C	
62980	ZM_122_A1_A11	ZM_122_A1_A11_T7C	
62981	ZM_122_A1_A12	ZM_122_A1_A12_T7C	
62982	ZM_122_A1_B01	ZM_122_A1_B01_T7C	
62983	ZM_122_A1_B02	ZM_122_A1_B02_T7C	
62984	ZM_122_A1_B04	ZM_122_A1_B04_T7C	
62985	ZM_122_A1_B05	ZM_122_A1_B05_T7C	
62986	ZM_122_A1_B06	ZM_122_A1_B06_T7C	
62987	ZM_122_A1_B07	ZM_122_A1_B07_T7C	
62988	ZM_122_A1_B08	ZM_122_A1_B08_T7C	
62989	ZM_122_A1_B09	ZM_122_A1_B09_T7C	
62990	ZM_122_A1_B10	ZM_122_A1_B10_T7C	
62991	ZM_122_A1_B12	ZM_122_A1_B12_T7C	
62992	ZM_122_A1_C01	ZM_122_A1_C01_T7C	
62993	ZM_122_A1_C02	ZM_122_A1_C02_T7C	
62994	ZM_122_A1_C03	ZM_122_A1_C03_T7C	
62995	ZM_122_A1_C07	ZM_122_A1_C07_T7C	
62996	ZM_122_A1_C08	ZM_122_A1_C08_T7C	
62997	ZM_122_A1_C09	ZM_122_A1_C09_T7C	
62998	ZM_122_A1_C10	ZM_122_A1_C10_T7C	
62999	ZM_122_A1_C11	ZM_122_A1_C11_T7C	
63000	ZM_122_A1_D03	ZM_122_A1_D03_T7C	
63001	ZM_122_A1_D04	ZM_122_A1_D04_T7C	
63002	ZM_122_A1_D05	ZM_122_A1_D05_T7C	
63003	ZM_122_A1_D07	ZM_122_A1_D07_T7C	
63004	ZM_122_A1_D08	ZM_122_A1_D08_T7C	
63005	ZM_122_A1_D09	ZM_122_A1_D09_T7C	
63006	ZM_122_A1_D10	ZM_122_A1_D10_T7C	
63007	ZM_122_A1_D11	ZM_122_A1_D11_T7C	
63008	ZM_122_A1_D12	ZM_122_A1_D12_T7C	
63009	ZM_122_A1_E01	ZM_122_A1_E01_T7C	
63010	ZM_122_A1_E02	ZM_122_A1_E02_T7C	
63011	ZM_122_A1_E04	ZM_122_A1_E04_T7C	
63012	ZM_122_A1_E05	ZM_122_A1_E05_T7C	
63013	ZM_122_A1_E06	ZM_122_A1_E06_T7C	
63014	ZM_122_A1_E07	ZM_122_A1_E07_T7C	
63015	ZM_122_A1_E08	ZM_122_A1_E08_T7C	
63016	ZM_122_A1_E10	ZM_122_A1_E10_T7C	
63017	ZM_122_A1_E11	ZM_122_A1_E11_T7C	
63018	ZM_122_A1_E12	ZM_122_A1_E12_T7C	
63019	ZM_122_A1_F01	ZM_122_A1_F01_T7C	
63020	ZM_122_A1_F02	ZM_122_A1_F02_T7C	
63021	ZM_122_A1_F03	ZM_122_A1_F03_T7C	
63022	ZM_122_A1_F04	ZM_122_A1_F04_T7C	
63023	ZM_122_A1_F05	ZM_122_A1_F05_T7C	
63024	ZM_122_A1_F06	ZM_122_A1_F06_T7C	
63025	ZM_122_A1_F07	ZM_122_A1_F07_T7C	
63026	ZM_122_A1_F08	ZM_122_A1_F08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63027	ZM_122_A1_F10	ZM_122_A1_F10_T7C	
63028	ZM_122_A1_F11	ZM_122_A1_F11_T7C	
63029	ZM_122_A1_F12	ZM_122_A1_F12_T7C	
63030	ZM_122_A1_G01	ZM_122_A1_G01_T7C	
63031	ZM_122_A1_G02	ZM_122_A1_G02_T7C	
63032	ZM_122_A1_G04	ZM_122_A1_G04_T7C	
63033	ZM_122_A1_G05	ZM_122_A1_G05_T7C	
63034	ZM_122_A1_G07	ZM_122_A1_G07_T7C	
63035	ZM_122_A1_G08	ZM_122_A1_G08_T7C	
63036	ZM_122_A1_G09	ZM_122_A1_G09_T7C	
63037	ZM_122_A1_G10	ZM_122_A1_G10_T7C	
63038	ZM_122_A1_G12	ZM_122_A1_G12_T7C	
63039	ZM_122_A1_H01	ZM_122_A1_H01_T7C	
63040	ZM_122_A1_H03	ZM_122_A1_H03_T7C	
63041	ZM_122_A1_H04	ZM_122_A1_H04_T7C	
63042	ZM_122_A1_H05	ZM_122_A1_H05_T7C	
63043	ZM_122_A1_H06	ZM_122_A1_H06_T7C	
63044	ZM_122_A1_H07	ZM_122_A1_H07_T7C	
63045	ZM_122_A1_H08	ZM_122_A1_H08_T7C	
63046	ZM_122_A1_H09	ZM_122_A1_H09_T7C	
63047	ZM_122_A1_H10	ZM_122_A1_H10_T7C	
63048	ZM_122_A1_H12	ZM_122_A1_H12_T7C	
63049	ZM_122_A2_A01	ZM_122_A2_A01_T7C	
63050	ZM_122_A2_A01		ZM_122_A2_A01_MR
63051	ZM_122_A2_A02	ZM_122_A2_A02_T7C	
63052	ZM_122_A2_A02		ZM_122_A2_A02_MR
63053	ZM_122_A2_A03	ZM_122_A2_A03_T7C	
63054	ZM_122_A2_A03		ZM_122_A2_A03_MR
63055	ZM_122_A2_A04	ZM_122_A2_A04_T7C	
63056	ZM_122_A2_A04		ZM_122_A2_A04_MR
63057	ZM_122_A2_A05		ZM_122_A2_A05_MR
63058	ZM_122_A2_A06	ZM_122_A2_A06_T7C	
63059	ZM_122_A2_A07	ZM_122_A2_A07_T7C	
63060	ZM_122_A2_A07		ZM_122_A2_A07_MR
63061	ZM_122_A2_A08	ZM_122_A2_A08_T7C	
63062	ZM_122_A2_A08		ZM_122_A2_A08_MR
63063	ZM_122_A2_A09	ZM_122_A2_A09_T7C	
63064	ZM_122_A2_A09		ZM_122_A2_A09_MR
63065	ZM_122_A2_A10	ZM_122_A2_A10_T7C	
63066	ZM_122_A2_A10		ZM_122_A2_A10_MR
63067	ZM_122_A2_A11	ZM_122_A2_A11_T7C	
63068	ZM_122_A2_A12	ZM_122_A2_A12_T7C	
63069	ZM_122_A2_A12		ZM_122_A2_A12_MR
63070	ZM_122_A2_B01	ZM_122_A2_B01_T7C	
63071	ZM_122_A2_B01		ZM_122_A2_B01_MR
63072	ZM_122_A2_B02	ZM_122_A2_B02_T7C	
63073	ZM_122_A2_B03	ZM_122_A2_B03_T7C	
63074	ZM_122_A2_B04	ZM_122_A2_B04_T7C	
63075	ZM_122_A2_B04		ZM_122_A2_B04_MR
63076	ZM_122_A2_B05	ZM_122_A2_B05_T7C	
63077	ZM_122_A2_B05		ZM_122_A2_B05_MR
63078	ZM_122_A2_B07	ZM_122_A2_B07_T7C	
63079	ZM_122_A2_B07		ZM_122_A2_B07_MR
63080	ZM_122_A2_B08	ZM_122_A2_B08_T7C	
63081	ZM_122_A2_B08		ZM_122_A2_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63082	ZM_122_A2_B09	ZM_122_A2_B09_T7C	
63083	ZM_122_A2_B10	ZM_122_A2_B10_T7C	
63084	ZM_122_A2_B10		ZM_122_A2_B10_MR
63085	ZM_122_A2_B11	ZM_122_A2_B11_T7C	
63086	ZM_122_A2_B12	ZM_122_A2_B12_T7C	
63087	ZM_122_A2_B12		ZM_122_A2_B12_MR
63088	ZM_122_A2_C01	ZM_122_A2_C01_T7C	
63089	ZM_122_A2_C01		ZM_122_A2_C01_MR
63090	ZM_122_A2_C02	ZM_122_A2_C02_T7C	
63091	ZM_122_A2_C03	ZM_122_A2_C03_T7C	
63092	ZM_122_A2_C03		ZM_122_A2_C03_MR
63093	ZM_122_A2_C04	ZM_122_A2_C04_T7C	
63094	ZM_122_A2_C04		ZM_122_A2_C04_MR
63095	ZM_122_A2_C05	ZM_122_A2_C05_T7C	
63096	ZM_122_A2_C05		ZM_122_A2_C05_MR
63097	ZM_122_A2_C06	ZM_122_A2_C06_T7C	
63098	ZM_122_A2_C07	ZM_122_A2_C07_T7C	
63099	ZM_122_A2_C07		ZM_122_A2_C07_MR
63100	ZM_122_A2_C08	ZM_122_A2_C08_T7C	
63101	ZM_122_A2_C09	ZM_122_A2_C09_T7C	
63102	ZM_122_A2_C10	ZM_122_A2_C10_T7C	
63103	ZM_122_A2_C10		ZM_122_A2_C10_MR
63104	ZM_122_A2_C11	ZM_122_A2_C11_T7C	
63105	ZM_122_A2_C11		ZM_122_A2_C11_MR
63106	ZM_122_A2_C12	ZM_122_A2_C12_T7C	
63107	ZM_122_A2_C12		ZM_122_A2_C12_MR
63108	ZM_122_A2_D01	ZM_122_A2_D01_T7C	
63109	ZM_122_A2_D01		ZM_122_A2_D01_MR
63110	ZM_122_A2_D02	ZM_122_A2_D02_T7C	
63111	ZM_122_A2_D02		ZM_122_A2_D02_MR
63112	ZM_122_A2_D03	ZM_122_A2_D03_T7C	
63113	ZM_122_A2_D03		ZM_122_A2_D03_MR
63114	ZM_122_A2_D04	ZM_122_A2_D04_T7C	
63115	ZM_122_A2_D04		ZM_122_A2_D04_MR
63116	ZM_122_A2_D06	ZM_122_A2_D06_T7C	
63117	ZM_122_A2_D06		ZM_122_A2_D06_MR
63118	ZM_122_A2_D07	ZM_122_A2_D07_T7C	
63119	ZM_122_A2_D07		ZM_122_A2_D07_MR
63120	ZM_122_A2_D08	ZM_122_A2_D08_T7C	
63121	ZM_122_A2_D08		ZM_122_A2_D08_MR
63122	ZM_122_A2_D09	ZM_122_A2_D09_T7C	
63123	ZM_122_A2_D09		ZM_122_A2_D09_MR
63124	ZM_122_A2_D10	ZM_122_A2_D10_T7C	
63125	ZM_122_A2_D10		ZM_122_A2_D10_MR
63126	ZM_122_A2_D11	ZM_122_A2_D11_T7C	
63127	ZM_122_A2_D11		ZM_122_A2_D11_MR
63128	ZM_122_A2_D12	ZM_122_A2_D12_T7C	
63129	ZM_122_A2_D12		ZM_122_A2_D12_MR
63130	ZM_122_A2_E01	ZM_122_A2_E01_T7C	
63131	ZM_122_A2_E02	ZM_122_A2_E02_T7C	
63132	ZM_122_A2_E02		ZM_122_A2_E02_MR
63133	ZM_122_A2_E03		ZM_122_A2_E03_MR
63134	ZM_122_A2_E04		ZM_122_A2_E04_MR
63135	ZM_122_A2_E05	ZM_122_A2_E05_T7C	
63136	ZM_122_A2_E05		ZM_122_A2_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63137	ZM_122_A2_E06	ZM_122_A2_E06_T7C	
63138	ZM_122_A2_E06		ZM_122_A2_E06_MR
63139	ZM_122_A2_E08	ZM_122_A2_E08_T7C	
63140	ZM_122_A2_E08		ZM_122_A2_E08_MR
63141	ZM_122_A2_E09		ZM_122_A2_E09_MR
63142	ZM_122_A2_E10	ZM_122_A2_E10_T7C	
63143	ZM_122_A2_E10		ZM_122_A2_E10_MR
63144	ZM_122_A2_E11	ZM_122_A2_E11_T7C	
63145	ZM_122_A2_E11		ZM_122_A2_E11_MR
63146	ZM_122_A2_E12	ZM_122_A2_E12_T7C	
63147	ZM_122_A2_E12		ZM_122_A2_E12_MR
63148	ZM_122_A2_F01	ZM_122_A2_F01_T7C	
63149	ZM_122_A2_F02	ZM_122_A2_F02_T7C	
63150	ZM_122_A2_F02		ZM_122_A2_F02_MR
63151	ZM_122_A2_F03		ZM_122_A2_F03_MR
63152	ZM_122_A2_F04	ZM_122_A2_F04_T7C	
63153	ZM_122_A2_F04		ZM_122_A2_F04_MR
63154	ZM_122_A2_F05	ZM_122_A2_F05_T7C	
63155	ZM_122_A2_F05		ZM_122_A2_F05_MR
63156	ZM_122_A2_F07	ZM_122_A2_F07_T7C	
63157	ZM_122_A2_F07		ZM_122_A2_F07_MR
63158	ZM_122_A2_F08	ZM_122_A2_F08_T7C	
63159	ZM_122_A2_F08		ZM_122_A2_F08_MR
63160	ZM_122_A2_F09	ZM_122_A2_F09_T7C	
63161	ZM_122_A2_F09		ZM_122_A2_F09_MR
63162	ZM_122_A2_F10	ZM_122_A2_F10_T7C	
63163	ZM_122_A2_F10		ZM_122_A2_F10_MR
63164	ZM_122_A2_F12	ZM_122_A2_F12_T7C	
63165	ZM_122_A2_F12		ZM_122_A2_F12_MR
63166	ZM_122_A2_G01	ZM_122_A2_G01_T7C	
63167	ZM_122_A2_G01		ZM_122_A2_G01_MR
63168	ZM_122_A2_G02	ZM_122_A2_G02_T7C	
63169	ZM_122_A2_G02		ZM_122_A2_G02_MR
63170	ZM_122_A2_G03	ZM_122_A2_G03_T7C	
63171	ZM_122_A2_G04	ZM_122_A2_G04_T7C	
63172	ZM_122_A2_G04		ZM_122_A2_G04_MR
63173	ZM_122_A2_G05	ZM_122_A2_G05_T7C	
63174	ZM_122_A2_G05		ZM_122_A2_G05_MR
63175	ZM_122_A2_G06	ZM_122_A2_G06_T7C	
63176	ZM_122_A2_G06		ZM_122_A2_G06_MR
63177	ZM_122_A2_G07	ZM_122_A2_G07_T7C	
63178	ZM_122_A2_G07		ZM_122_A2_G07_MR
63179	ZM_122_A2_G08	ZM_122_A2_G08_T7C	
63180	ZM_122_A2_G08		ZM_122_A2_G08_MR
63181	ZM_122_A2_G09	ZM_122_A2_G09_T7C	
63182	ZM_122_A2_G09		ZM_122_A2_G09_MR
63183	ZM_122_A2_G10	ZM_122_A2_G10_T7C	
63184	ZM_122_A2_G10		ZM_122_A2_G10_MR
63185	ZM_122_A2_G11	ZM_122_A2_G11_T7C	
63186	ZM_122_A2_G11		ZM_122_A2_G11_MR
63187	ZM_122_A2_G12	ZM_122_A2_G12_T7C	
63188	ZM_122_A2_H01	ZM_122_A2_H01_T7C	
63189	ZM_122_A2_H01		ZM_122_A2_H01_MR
63190	ZM_122_A2_H02	ZM_122_A2_H02_T7C	
63191	ZM_122_A2_H02		ZM_122_A2_H02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63192	ZM_122_A2_H04	ZM_122_A2_H04_T7C	
63193	ZM_122_A2_H04		ZM_122_A2_H04_MR
63194	ZM_122_A2_H05	ZM_122_A2_H05_T7C	
63195	ZM_122_A2_H05		ZM_122_A2_H05_MR
63196	ZM_122_A2_H07	ZM_122_A2_H07_T7C	
63197	ZM_122_A2_H07		ZM_122_A2_H07_MR
63198	ZM_122_A2_H08	ZM_122_A2_H08_T7C	
63199	ZM_122_A2_H08		ZM_122_A2_H08_MR
63200	ZM_122_A2_H09	ZM_122_A2_H09_T7C	
63201	ZM_122_A2_H09		ZM_122_A2_H09_MR
63202	ZM_122_A2_H10	ZM_122_A2_H10_T7C	
63203	ZM_122_A2_H10		ZM_122_A2_H10_MR
63204	ZM_122_A2_H11	ZM_122_A2_H11_T7C	
63205	ZM_122_A2_H11		ZM_122_A2_H11_MR
63206	ZM_122_A2_H12	ZM_122_A2_H12_T7C	
63207	ZM_122_A2_H12		ZM_122_A2_H12_MR
63208	ZM_123_B2_A01		ZM_123_B2_A01_MR
63209	ZM_123_B2_A02		ZM_123_B2_A02_MR
63210	ZM_123_B2_A03		ZM_123_B2_A03_MR
63211	ZM_123_B2_A04		ZM_123_B2_A04_MR
63212	ZM_123_B2_A05		ZM_123_B2_A05_MR
63213	ZM_123_B2_A06		ZM_123_B2_A06_MR
63214	ZM_123_B2_A07		ZM_123_B2_A07_MR
63215	ZM_123_B2_A08		ZM_123_B2_A08_MR
63216	ZM_123_B2_A09		ZM_123_B2_A09_MR
63217	ZM_123_B2_A10		ZM_123_B2_A10_MR
63218	ZM_123_B2_A11		ZM_123_B2_A11_MR
63219	ZM_123_B2_A12		ZM_123_B2_A12_MR
63220	ZM_123_B2_B01		ZM_123_B2_B01_MR
63221	ZM_123_B2_B02		ZM_123_B2_B02_MR
63222	ZM_123_B2_B03		ZM_123_B2_B03_MR
63223	ZM_123_B2_B04		ZM_123_B2_B04_MR
63224	ZM_123_B2_B05		ZM_123_B2_B05_MR
63225	ZM_123_B2_B06		ZM_123_B2_B06_MR
63226	ZM_123_B2_B07		ZM_123_B2_B07_MR
63227	ZM_123_B2_B08		ZM_123_B2_B08_MR
63228	ZM_123_B2_B10		ZM_123_B2_B10_MR
63229	ZM_123_B2_B12		ZM_123_B2_B12_MR
63230	ZM_123_B2_C01		ZM_123_B2_C01_MR
63231	ZM_123_B2_C02		ZM_123_B2_C02_MR
63232	ZM_123_B2_C03		ZM_123_B2_C03_MR
63233	ZM_123_B2_C04		ZM_123_B2_C04_MR
63234	ZM_123_B2_C05		ZM_123_B2_C05_MR
63235	ZM_123_B2_C06		ZM_123_B2_C06_MR
63236	ZM_123_B2_C07		ZM_123_B2_C07_MR
63237	ZM_123_B2_C08		ZM_123_B2_C08_MR
63238	ZM_123_B2_C09		ZM_123_B2_C09_MR
63239	ZM_123_B2_C11		ZM_123_B2_C11_MR
63240	ZM_123_B2_C12		ZM_123_B2_C12_MR
63241	ZM_123_B2_D01		ZM_123_B2_D01_MR
63242	ZM_123_B2_D02		ZM_123_B2_D02_MR
63243	ZM_123_B2_D03		ZM_123_B2_D03_MR
63244	ZM_123_B2_D04		ZM_123_B2_D04_MR
63245	ZM_123_B2_D06		ZM_123_B2_D06_MR
63246	ZM_123_B2_D07		ZM_123_B2_D07_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63247	ZM_123_B2_D08		ZM_123_B2_D08_MR
63248	ZM_123_B2_D12		ZM_123_B2_D12_MR
63249	ZM_123_B2_E01		ZM_123_B2_E01_MR
63250	ZM_123_B2_E02		ZM_123_B2_E02_MR
63251	ZM_123_B2_E03		ZM_123_B2_E03_MR
63252	ZM_123_B2_E05		ZM_123_B2_E05_MR
63253	ZM_123_B2_E06		ZM_123_B2_E06_MR
63254	ZM_123_B2_E07		ZM_123_B2_E07_MR
63255	ZM_123_B2_E08		ZM_123_B2_E08_MR
63256	ZM_123_B2_E11		ZM_123_B2_E11_MR
63257	ZM_123_B2_E12		ZM_123_B2_E12_MR
63258	ZM_123_B2_F01		ZM_123_B2_F01_MR
63259	ZM_123_B2_F02		ZM_123_B2_F02_MR
63260	ZM_123_B2_F03		ZM_123_B2_F03_MR
63261	ZM_123_B2_F04		ZM_123_B2_F04_MR
63262	ZM_123_B2_F05		ZM_123_B2_F05_MR
63263	ZM_123_B2_F06		ZM_123_B2_F06_MR
63264	ZM_123_B2_F07		ZM_123_B2_F07_MR
63265	ZM_123_B2_F08		ZM_123_B2_F08_MR
63266	ZM_123_B2_F09		ZM_123_B2_F09_MR
63267	ZM_123_B2_F10		ZM_123_B2_F10_MR
63268	ZM_123_B2_F11		ZM_123_B2_F11_MR
63269	ZM_123_B2_F12		ZM_123_B2_F12_MR
63270	ZM_123_B2_G01		ZM_123_B2_G01_MR
63271	ZM_123_B2_G02		ZM_123_B2_G02_MR
63272	ZM_123_B2_G03		ZM_123_B2_G03_MR
63273	ZM_123_B2_G05		ZM_123_B2_G05_MR
63274	ZM_123_B2_G06		ZM_123_B2_G06_MR
63275	ZM_123_B2_G07		ZM_123_B2_G07_MR
63276	ZM_123_B2_G09		ZM_123_B2_G09_MR
63277	ZM_123_B2_G10		ZM_123_B2_G10_MR
63278	ZM_123_B2_G11		ZM_123_B2_G11_MR
63279	ZM_123_B2_G12		ZM_123_B2_G12_MR
63280	ZM_123_B2_H01		ZM_123_B2_H01_MR
63281	ZM_123_B2_H02		ZM_123_B2_H02_MR
63282	ZM_123_B2_H03		ZM_123_B2_H03_MR
63283	ZM_123_B2_H04		ZM_123_B2_H04_MR
63284	ZM_123_B2_H05		ZM_123_B2_H05_MR
63285	ZM_123_B2_H06		ZM_123_B2_H06_MR
63286	ZM_123_B2_H07		ZM_123_B2_H07_MR
63287	ZM_123_B2_H09		ZM_123_B2_H09_MR
63288	ZM_124_A1_A02		ZM_124_A1_A02_MR
63289	ZM_124_A1_A03		ZM_124_A1_A03_MR
63290	ZM_124_A1_A04		ZM_124_A1_A04_MR
63291	ZM_124_A1_A05		ZM_124_A1_A05_MR
63292	ZM_124_A1_A06		ZM_124_A1_A06_MR
63293	ZM_124_A1_A07		ZM_124_A1_A07_MR
63294	ZM_124_A1_A09		ZM_124_A1_A09_MR
63295	ZM_124_A1_A10		ZM_124_A1_A10_MR
63296	ZM_124_A1_A11		ZM_124_A1_A11_MR
63297	ZM_124_A1_A12		ZM_124_A1_A12_MR
63298	ZM_124_A1_B01		ZM_124_A1_B01_MR
63299	ZM_124_A1_B02		ZM_124_A1_B02_MR
63300	ZM_124_A1_B03		ZM_124_A1_B03_MR
63301	ZM_124_A1_B04		ZM_124_A1_B04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63302	ZM_124_A1_B05		ZM_124_A1_B05_MR
63303	ZM_124_A1_B06		ZM_124_A1_B06_MR
63304	ZM_124_A1_B07		ZM_124_A1_B07_MR
63305	ZM_124_A1_B08		ZM_124_A1_B08_MR
63306	ZM_124_A1_B09		ZM_124_A1_B09_MR
63307	ZM_124_A1_B10		ZM_124_A1_B10_MR
63308	ZM_124_A1_B11		ZM_124_A1_B11_MR
63309	ZM_124_A1_C01		ZM_124_A1_C01_MR
63310	ZM_124_A1_C02		ZM_124_A1_C02_MR
63311	ZM_124_A1_C04		ZM_124_A1_C04_MR
63312	ZM_124_A1_C05		ZM_124_A1_C05_MR
63313	ZM_124_A1_C06		ZM_124_A1_C06_MR
63314	ZM_124_A1_C07		ZM_124_A1_C07_MR
63315	ZM_124_A1_C08		ZM_124_A1_C08_MR
63316	ZM_124_A1_C10		ZM_124_A1_C10_MR
63317	ZM_124_A1_C11		ZM_124_A1_C11_MR
63318	ZM_124_A1_C12		ZM_124_A1_C12_MR
63319	ZM_124_A1_D01		ZM_124_A1_D01_MR
63320	ZM_124_A1_D02		ZM_124_A1_D02_MR
63321	ZM_124_A1_D03		ZM_124_A1_D03_MR
63322	ZM_124_A1_D04		ZM_124_A1_D04_MR
63323	ZM_124_A1_D06		ZM_124_A1_D06_MR
63324	ZM_124_A1_D07		ZM_124_A1_D07_MR
63325	ZM_124_A1_D08		ZM_124_A1_D08_MR
63326	ZM_124_A1_D09		ZM_124_A1_D09_MR
63327	ZM_124_A1_D10		ZM_124_A1_D10_MR
63328	ZM_124_A1_D11		ZM_124_A1_D11_MR
63329	ZM_124_A1_D12		ZM_124_A1_D12_MR
63330	ZM_124_A1_E01		ZM_124_A1_E01_MR
63331	ZM_124_A1_E02		ZM_124_A1_E02_MR
63332	ZM_124_A1_E04		ZM_124_A1_E04_MR
63333	ZM_124_A1_E05		ZM_124_A1_E05_MR
63334	ZM_124_A1_E07		ZM_124_A1_E07_MR
63335	ZM_124_A1_E08		ZM_124_A1_E08_MR
63336	ZM_124_A1_E09		ZM_124_A1_E09_MR
63337	ZM_124_A1_E10		ZM_124_A1_E10_MR
63338	ZM_124_A1_E11		ZM_124_A1_E11_MR
63339	ZM_124_A1_E12		ZM_124_A1_E12_MR
63340	ZM_124_A1_F02		ZM_124_A1_F02_MR
63341	ZM_124_A1_F03		ZM_124_A1_F03_MR
63342	ZM_124_A1_F04		ZM_124_A1_F04_MR
63343	ZM_124_A1_F05		ZM_124_A1_F05_MR
63344	ZM_124_A1_F06		ZM_124_A1_F06_MR
63345	ZM_124_A1_F07		ZM_124_A1_F07_MR
63346	ZM_124_A1_F08		ZM_124_A1_F08_MR
63347	ZM_124_A1_F09		ZM_124_A1_F09_MR
63348	ZM_124_A1_F10		ZM_124_A1_F10_MR
63349	ZM_124_A1_F11		ZM_124_A1_F11_MR
63350	ZM_124_A1_F12		ZM_124_A1_F12_MR
63351	ZM_124_A1_G01		ZM_124_A1_G01_MR
63352	ZM_124_A1_G02		ZM_124_A1_G02_MR
63353	ZM_124_A1_G03		ZM_124_A1_G03_MR
63354	ZM_124_A1_G05		ZM_124_A1_G05_MR
63355	ZM_124_A1_G06		ZM_124_A1_G06_MR
63356	ZM_124_A1_G07		ZM_124_A1_G07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63357	ZM_124_A1_G08		ZM_124_A1_G08_MR
63358	ZM_124_A1_G09		ZM_124_A1_G09_MR
63359	ZM_124_A1_G10		ZM_124_A1_G10_MR
63360	ZM_124_A1_G11		ZM_124_A1_G11_MR
63361	ZM_124_A1_H01		ZM_124_A1_H01_MR
63362	ZM_124_A1_H02		ZM_124_A1_H02_MR
63363	ZM_124_A1_H04		ZM_124_A1_H04_MR
63364	ZM_124_A1_H05		ZM_124_A1_H05_MR
63365	ZM_124_A1_H06		ZM_124_A1_H06_MR
63366	ZM_124_A1_H07		ZM_124_A1_H07_MR
63367	ZM_124_A1_H10		ZM_124_A1_H10_MR
63368	ZM_124_A1_H12		ZM_124_A1_H12_MR
63369	ZM_124_B1_A01		ZM_124_B1_A01_MR
63370	ZM_124_B1_A02		ZM_124_B1_A02_MR
63371	ZM_124_B1_A03		ZM_124_B1_A03_MR
63372	ZM_124_B1_A05		ZM_124_B1_A05_MR
63373	ZM_124_B1_A06		ZM_124_B1_A06_MR
63374	ZM_124_B1_A07		ZM_124_B1_A07_MR
63375	ZM_124_B1_A08		ZM_124_B1_A08_MR
63376	ZM_124_B1_A09		ZM_124_B1_A09_MR
63377	ZM_124_B1_A10		ZM_124_B1_A10_MR
63378	ZM_124_B1_A11		ZM_124_B1_A11_MR
63379	ZM_124_B1_A12		ZM_124_B1_A12_MR
63380	ZM_124_B1_B02		ZM_124_B1_B02_MR
63381	ZM_124_B1_B03		ZM_124_B1_B03_MR
63382	ZM_124_B1_B04		ZM_124_B1_B04_MR
63383	ZM_124_B1_B05		ZM_124_B1_B05_MR
63384	ZM_124_B1_B06		ZM_124_B1_B06_MR
63385	ZM_124_B1_B08		ZM_124_B1_B08_MR
63386	ZM_124_B1_B09		ZM_124_B1_B09_MR
63387	ZM_124_B1_B11		ZM_124_B1_B11_MR
63388	ZM_124_B1_B12		ZM_124_B1_B12_MR
63389	ZM_124_B1_C01		ZM_124_B1_C01_MR
63390	ZM_124_B1_C02		ZM_124_B1_C02_MR
63391	ZM_124_B1_C03		ZM_124_B1_C03_MR
63392	ZM_124_B1_C04		ZM_124_B1_C04_MR
63393	ZM_124_B1_C05		ZM_124_B1_C05_MR
63394	ZM_124_B1_C06		ZM_124_B1_C06_MR
63395	ZM_124_B1_C07		ZM_124_B1_C07_MR
63396	ZM_124_B1_C09		ZM_124_B1_C09_MR
63397	ZM_124_B1_C10		ZM_124_B1_C10_MR
63398	ZM_124_B1_C11		ZM_124_B1_C11_MR
63399	ZM_124_B1_D01		ZM_124_B1_D01_MR
63400	ZM_124_B1_D02		ZM_124_B1_D02_MR
63401	ZM_124_B1_D03		ZM_124_B1_D03_MR
63402	ZM_124_B1_D04		ZM_124_B1_D04_MR
63403	ZM_124_B1_D05		ZM_124_B1_D05_MR
63404	ZM_124_B1_D06		ZM_124_B1_D06_MR
63405	ZM_124_B1_D08		ZM_124_B1_D08_MR
63406	ZM_124_B1_D09		ZM_124_B1_D09_MR
63407	ZM_124_B1_D10		ZM_124_B1_D10_MR
63408	ZM_124_B1_D11		ZM_124_B1_D11_MR
63409	ZM_124_B1_E01		ZM_124_B1_E01_MR
63410	ZM_124_B1_E02		ZM_124_B1_E02_MR
63411	ZM_124_B1_E03		ZM_124_B1_E03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63412	ZM_124_B1_E04		ZM_124_B1_E04_MR
63413	ZM_124_B1_E06		ZM_124_B1_E06_MR
63414	ZM_124_B1_E07		ZM_124_B1_E07_MR
63415	ZM_124_B1_E08		ZM_124_B1_E08_MR
63416	ZM_124_B1_E09		ZM_124_B1_E09_MR
63417	ZM_124_B1_E10		ZM_124_B1_E10_MR
63418	ZM_124_B1_E11		ZM_124_B1_E11_MR
63419	ZM_124_B1_F01		ZM_124_B1_F01_MR
63420	ZM_124_B1_F02		ZM_124_B1_F02_MR
63421	ZM_124_B1_F03		ZM_124_B1_F03_MR
63422	ZM_124_B1_F04		ZM_124_B1_F04_MR
63423	ZM_124_B1_F05		ZM_124_B1_F05_MR
63424	ZM_124_B1_F06		ZM_124_B1_F06_MR
63425	ZM_124_B1_F07		ZM_124_B1_F07_MR
63426	ZM_124_B1_F08		ZM_124_B1_F08_MR
63427	ZM_124_B1_F09		ZM_124_B1_F09_MR
63428	ZM_124_B1_F10		ZM_124_B1_F10_MR
63429	ZM_124_B1_F11		ZM_124_B1_F11_MR
63430	ZM_124_B1_F12		ZM_124_B1_F12_MR
63431	ZM_124_B1_G02		ZM_124_B1_G02_MR
63432	ZM_124_B1_G03		ZM_124_B1_G03_MR
63433	ZM_124_B1_G04		ZM_124_B1_G04_MR
63434	ZM_124_B1_G05		ZM_124_B1_G05_MR
63435	ZM_124_B1_G06		ZM_124_B1_G06_MR
63436	ZM_124_B1_G07		ZM_124_B1_G07_MR
63437	ZM_124_B1_G08		ZM_124_B1_G08_MR
63438	ZM_124_B1_G09		ZM_124_B1_G09_MR
63439	ZM_124_B1_G10		ZM_124_B1_G10_MR
63440	ZM_124_B1_G11		ZM_124_B1_G11_MR
63441	ZM_124_B1_H01		ZM_124_B1_H01_MR
63442	ZM_124_B1_H02		ZM_124_B1_H02_MR
63443	ZM_124_B1_H03		ZM_124_B1_H03_MR
63444	ZM_124_B1_H04		ZM_124_B1_H04_MR
63445	ZM_124_B1_H05		ZM_124_B1_H05_MR
63446	ZM_124_B1_H06		ZM_124_B1_H06_MR
63447	ZM_124_B1_H07		ZM_124_B1_H07_MR
63448	ZM_124_B1_H08		ZM_124_B1_H08_MR
63449	ZM_124_B1_H09		ZM_124_B1_H09_MR
63450	ZM_124_B1_H10		ZM_124_B1_H10_MR
63451	ZM_124_B1_H11		ZM_124_B1_H11_MR
63452	ZM_124_B1_H12		ZM_124_B1_H12_MR
63453	ZM_124_B2_A01		ZM_124_B2_A01_MR
63454	ZM_124_B2_A02		ZM_124_B2_A02_MR
63455	ZM_124_B2_A04		ZM_124_B2_A04_MR
63456	ZM_124_B2_A05		ZM_124_B2_A05_MR
63457	ZM_124_B2_A06		ZM_124_B2_A06_MR
63458	ZM_124_B2_A07		ZM_124_B2_A07_MR
63459	ZM_124_B2_A08		ZM_124_B2_A08_MR
63460	ZM_124_B2_A09		ZM_124_B2_A09_MR
63461	ZM_124_B2_A10		ZM_124_B2_A10_MR
63462	ZM_124_B2_A12		ZM_124_B2_A12_MR
63463	ZM_124_B2_B01		ZM_124_B2_B01_MR
63464	ZM_124_B2_B02		ZM_124_B2_B02_MR
63465	ZM_124_B2_B03		ZM_124_B2_B03_MR
63466	ZM_124_B2_B05		ZM_124_B2_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63467	ZM_124_B2_B06		ZM_124_B2_B06_MR
63468	ZM_124_B2_B07		ZM_124_B2_B07_MR
63469	ZM_124_B2_B08		ZM_124_B2_B08_MR
63470	ZM_124_B2_B09		ZM_124_B2_B09_MR
63471	ZM_124_B2_B10		ZM_124_B2_B10_MR
63472	ZM_124_B2_B12		ZM_124_B2_B12_MR
63473	ZM_124_B2_C01		ZM_124_B2_C01_MR
63474	ZM_124_B2_C02		ZM_124_B2_C02_MR
63475	ZM_124_B2_C03		ZM_124_B2_C03_MR
63476	ZM_124_B2_C04		ZM_124_B2_C04_MR
63477	ZM_124_B2_C05		ZM_124_B2_C05_MR
63478	ZM_124_B2_C06		ZM_124_B2_C06_MR
63479	ZM_124_B2_C07		ZM_124_B2_C07_MR
63480	ZM_124_B2_C08		ZM_124_B2_C08_MR
63481	ZM_124_B2_C09		ZM_124_B2_C09_MR
63482	ZM_124_B2_C10		ZM_124_B2_C10_MR
63483	ZM_124_B2_C11		ZM_124_B2_C11_MR
63484	ZM_124_B2_C12		ZM_124_B2_C12_MR
63485	ZM_124_B2_D02		ZM_124_B2_D02_MR
63486	ZM_124_B2_D03		ZM_124_B2_D03_MR
63487	ZM_124_B2_D04		ZM_124_B2_D04_MR
63488	ZM_124_B2_D05		ZM_124_B2_D05_MR
63489	ZM_124_B2_D06		ZM_124_B2_D06_MR
63490	ZM_124_B2_D07		ZM_124_B2_D07_MR
63491	ZM_124_B2_D09		ZM_124_B2_D09_MR
63492	ZM_124_B2_D12		ZM_124_B2_D12_MR
63493	ZM_124_B2_E01		ZM_124_B2_E01_MR
63494	ZM_124_B2_E02		ZM_124_B2_E02_MR
63495	ZM_124_B2_E03		ZM_124_B2_E03_MR
63496	ZM_124_B2_E04		ZM_124_B2_E04_MR
63497	ZM_124_B2_E05		ZM_124_B2_E05_MR
63498	ZM_124_B2_E07		ZM_124_B2_E07_MR
63499	ZM_124_B2_E08		ZM_124_B2_E08_MR
63500	ZM_124_B2_E09		ZM_124_B2_E09_MR
63501	ZM_124_B2_E10		ZM_124_B2_E10_MR
63502	ZM_124_B2_E11		ZM_124_B2_E11_MR
63503	ZM_124_B2_E12		ZM_124_B2_E12_MR
63504	ZM_124_B2_F01		ZM_124_B2_F01_MR
63505	ZM_124_B2_F02		ZM_124_B2_F02_MR
63506	ZM_124_B2_F03		ZM_124_B2_F03_MR
63507	ZM_124_B2_F04		ZM_124_B2_F04_MR
63508	ZM_124_B2_F05		ZM_124_B2_F05_MR
63509	ZM_124_B2_F07		ZM_124_B2_F07_MR
63510	ZM_124_B2_F08		ZM_124_B2_F08_MR
63511	ZM_124_B2_F09		ZM_124_B2_F09_MR
63512	ZM_124_B2_F10		ZM_124_B2_F10_MR
63513	ZM_124_B2_G01		ZM_124_B2_G01_MR
63514	ZM_124_B2_G02		ZM_124_B2_G02_MR
63515	ZM_124_B2_G03		ZM_124_B2_G03_MR
63516	ZM_124_B2_G04		ZM_124_B2_G04_MR
63517	ZM_124_B2_G05		ZM_124_B2_G05_MR
63518	ZM_124_B2_G06		ZM_124_B2_G06_MR
63519	ZM_124_B2_G08		ZM_124_B2_G08_MR
63520	ZM_124_B2_G09		ZM_124_B2_G09_MR
63521	ZM_124_B2_G10		ZM_124_B2_G10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63522	ZM_124_B2_G11		ZM_124_B2_G11_MR
63523	ZM_124_B2_G12		ZM_124_B2_G12_MR
63524	ZM_124_B2_H01		ZM_124_B2_H01_MR
63525	ZM_124_B2_H02		ZM_124_B2_H02_MR
63526	ZM_124_B2_H03		ZM_124_B2_H03_MR
63527	ZM_124_B2_H04		ZM_124_B2_H04_MR
63528	ZM_124_B2_H05		ZM_124_B2_H05_MR
63529	ZM_124_B2_H06		ZM_124_B2_H06_MR
63530	ZM_124_B2_H07		ZM_124_B2_H07_MR
63531	ZM_124_B2_H10		ZM_124_B2_H10_MR
63532	ZM_124_B2_H11		ZM_124_B2_H11_MR
63533	ZM_125_A1_A01	ZM_125_A1_A01_T7C	
63534	ZM_125_A1_A02	ZM_125_A1_A02_T7C	
63535	ZM_125_A1_A02		ZM_125_A1_A02_MR
63536	ZM_125_A1_A04	ZM_125_A1_A04_T7C	
63537	ZM_125_A1_A04		ZM_125_A1_A04_MR
63538	ZM_125_A1_A05	ZM_125_A1_A05_T7C	
63539	ZM_125_A1_A05		ZM_125_A1_A05_MR
63540	ZM_125_A1_A06	ZM_125_A1_A06_T7C	
63541	ZM_125_A1_A07	ZM_125_A1_A07_T7C	
63542	ZM_125_A1_A07		ZM_125_A1_A07_MR
63543	ZM_125_A1_A08	ZM_125_A1_A08_T7C	
63544	ZM_125_A1_A08		ZM_125_A1_A08_MR
63545	ZM_125_A1_A09	ZM_125_A1_A09_T7C	
63546	ZM_125_A1_A09		ZM_125_A1_A09_MR
63547	ZM_125_A1_A10	ZM_125_A1_A10_T7C	
63548	ZM_125_A1_A10		ZM_125_A1_A10_MR
63549	ZM_125_A1_A11	ZM_125_A1_A11_T7C	
63550	ZM_125_A1_A11		ZM_125_A1_A11_MR
63551	ZM_125_A1_A12	ZM_125_A1_A12_T7C	
63552	ZM_125_A1_A12		ZM_125_A1_A12_MR
63553	ZM_125_A1_B01	ZM_125_A1_B01_T7C	
63554	ZM_125_A1_B01		ZM_125_A1_B01_MR
63555	ZM_125_A1_B02	ZM_125_A1_B02_T7C	
63556	ZM_125_A1_B02		ZM_125_A1_B02_MR
63557	ZM_125_A1_B03	ZM_125_A1_B03_T7C	
63558	ZM_125_A1_B03		ZM_125_A1_B03_MR
63559	ZM_125_A1_B04	ZM_125_A1_B04_T7C	
63560	ZM_125_A1_B04		ZM_125_A1_B04_MR
63561	ZM_125_A1_B05	ZM_125_A1_B05_T7C	
63562	ZM_125_A1_B05		ZM_125_A1_B05_MR
63563	ZM_125_A1_B06	ZM_125_A1_B06_T7C	
63564	ZM_125_A1_B06		ZM_125_A1_B06_MR
63565	ZM_125_A1_B07	ZM_125_A1_B07_T7C	
63566	ZM_125_A1_B07		ZM_125_A1_B07_MR
63567	ZM_125_A1_B09	ZM_125_A1_B09_T7C	
63568	ZM_125_A1_B10	ZM_125_A1_B10_T7C	
63569	ZM_125_A1_B10		ZM_125_A1_B10_MR
63570	ZM_125_A1_B11	ZM_125_A1_B11_T7C	
63571	ZM_125_A1_B11		ZM_125_A1_B11_MR
63572	ZM_125_A1_B12	ZM_125_A1_B12_T7C	
63573	ZM_125_A1_B12		ZM_125_A1_B12_MR
63574	ZM_125_A1_C01	ZM_125_A1_C01_T7C	
63575	ZM_125_A1_C01		ZM_125_A1_C01_MR
63576	ZM_125_A1_C02	ZM_125_A1_C02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63577	ZM_125_A1_C02		ZM_125_A1_C02_MR
63578	ZM_125_A1_C03	ZM_125_A1_C03_T7C	
63579	ZM_125_A1_C04	ZM_125_A1_C04_T7C	
63580	ZM_125_A1_C04		ZM_125_A1_C04_MR
63581	ZM_125_A1_C05	ZM_125_A1_C05_T7C	
63582	ZM_125_A1_C05		ZM_125_A1_C05_MR
63583	ZM_125_A1_C06		ZM_125_A1_C06_MR
63584	ZM_125_A1_C07	ZM_125_A1_C07_T7C	
63585	ZM_125_A1_C08	ZM_125_A1_C08_T7C	
63586	ZM_125_A1_C09		ZM_125_A1_C09_MR
63587	ZM_125_A1_C10	ZM_125_A1_C10_T7C	
63588	ZM_125_A1_C10		ZM_125_A1_C10_MR
63589	ZM_125_A1_C11	ZM_125_A1_C11_T7C	
63590	ZM_125_A1_C11		ZM_125_A1_C11_MR
63591	ZM_125_A1_C12	ZM_125_A1_C12_T7C	
63592	ZM_125_A1_C12		ZM_125_A1_C12_MR
63593	ZM_125_A1_D01	ZM_125_A1_D01_T7C	
63594	ZM_125_A1_D01		ZM_125_A1_D01_MR
63595	ZM_125_A1_D02	ZM_125_A1_D02_T7C	
63596	ZM_125_A1_D02		ZM_125_A1_D02_MR
63597	ZM_125_A1_D03	ZM_125_A1_D03_T7C	
63598	ZM_125_A1_D03		ZM_125_A1_D03_MR
63599	ZM_125_A1_D04	ZM_125_A1_D04_T7C	
63600	ZM_125_A1_D04		ZM_125_A1_D04_MR
63601	ZM_125_A1_D05		ZM_125_A1_D05_MR
63602	ZM_125_A1_D06	ZM_125_A1_D06_T7C	
63603	ZM_125_A1_D06		ZM_125_A1_D06_MR
63604	ZM_125_A1_D07	ZM_125_A1_D07_T7C	
63605	ZM_125_A1_D08	ZM_125_A1_D08_T7C	
63606	ZM_125_A1_D08		ZM_125_A1_D08_MR
63607	ZM_125_A1_D09	ZM_125_A1_D09_T7C	
63608	ZM_125_A1_D09		ZM_125_A1_D09_MR
63609	ZM_125_A1_D10	ZM_125_A1_D10_T7C	
63610	ZM_125_A1_D10		ZM_125_A1_D10_MR
63611	ZM_125_A1_D11	ZM_125_A1_D11_T7C	
63612	ZM_125_A1_D11		ZM_125_A1_D11_MR
63613	ZM_125_A1_D12	ZM_125_A1_D12_T7C	
63614	ZM_125_A1_D12		ZM_125_A1_D12_MR
63615	ZM_125_A1_E02	ZM_125_A1_E02_T7C	
63616	ZM_125_A1_E02		ZM_125_A1_E02_MR
63617	ZM_125_A1_E03	ZM_125_A1_E03_T7C	
63618	ZM_125_A1_E03		ZM_125_A1_E03_MR
63619	ZM_125_A1_E04	ZM_125_A1_E04_T7C	
63620	ZM_125_A1_E04		ZM_125_A1_E04_MR
63621	ZM_125_A1_E05	ZM_125_A1_E05_T7C	
63622	ZM_125_A1_E05		ZM_125_A1_E05_MR
63623	ZM_125_A1_E07	ZM_125_A1_E07_T7C	
63624	ZM_125_A1_E08	ZM_125_A1_E08_T7C	
63625	ZM_125_A1_E08		ZM_125_A1_E08_MR
63626	ZM_125_A1_E09		ZM_125_A1_E09_MR
63627	ZM_125_A1_E10	ZM_125_A1_E10_T7C	
63628	ZM_125_A1_E10		ZM_125_A1_E10_MR
63629	ZM_125_A1_E11	ZM_125_A1_E11_T7C	
63630	ZM_125_A1_E11		ZM_125_A1_E11_MR
63631	ZM_125_A1_E12	ZM_125_A1_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63632	ZM_125_A1_E12		ZM_125_A1_E12_MR
63633	ZM_125_A1_F01	ZM_125_A1_F01_T7C	
63634	ZM_125_A1_F01		ZM_125_A1_F01_MR
63635	ZM_125_A1_F02	ZM_125_A1_F02_T7C	
63636	ZM_125_A1_F02		ZM_125_A1_F02_MR
63637	ZM_125_A1_F04	ZM_125_A1_F04_T7C	
63638	ZM_125_A1_F04		ZM_125_A1_F04_MR
63639	ZM_125_A1_F05	ZM_125_A1_F05_T7C	
63640	ZM_125_A1_F05		ZM_125_A1_F05_MR
63641	ZM_125_A1_F06	ZM_125_A1_F06_T7C	
63642	ZM_125_A1_F06		ZM_125_A1_F06_MR
63643	ZM_125_A1_F07	ZM_125_A1_F07_T7C	
63644	ZM_125_A1_F07		ZM_125_A1_F07_MR
63645	ZM_125_A1_F08	ZM_125_A1_F08_T7C	
63646	ZM_125_A1_F08		ZM_125_A1_F08_MR
63647	ZM_125_A1_F09	ZM_125_A1_F09_T7C	
63648	ZM_125_A1_F09		ZM_125_A1_F09_MR
63649	ZM_125_A1_F10	ZM_125_A1_F10_T7C	
63650	ZM_125_A1_F11	ZM_125_A1_F11_T7C	
63651	ZM_125_A1_F12	ZM_125_A1_F12_T7C	
63652	ZM_125_A1_F12		ZM_125_A1_F12_MR
63653	ZM_125_A1_G02		ZM_125_A1_G02_MR
63654	ZM_125_A1_G03		ZM_125_A1_G03_MR
63655	ZM_125_A1_G04	ZM_125_A1_G04_T7C	
63656	ZM_125_A1_G04		ZM_125_A1_G04_MR
63657	ZM_125_A1_G05	ZM_125_A1_G05_T7C	
63658	ZM_125_A1_G05		ZM_125_A1_G05_MR
63659	ZM_125_A1_G06	ZM_125_A1_G06_T7C	
63660	ZM_125_A1_G06		ZM_125_A1_G06_MR
63661	ZM_125_A1_G07	ZM_125_A1_G07_T7C	
63662	ZM_125_A1_G08	ZM_125_A1_G08_T7C	
63663	ZM_125_A1_G08		ZM_125_A1_G08_MR
63664	ZM_125_A1_G09	ZM_125_A1_G09_T7C	
63665	ZM_125_A1_G09		ZM_125_A1_G09_MR
63666	ZM_125_A1_G10		ZM_125_A1_G10_MR
63667	ZM_125_A1_G11	ZM_125_A1_G11_T7C	
63668	ZM_125_A1_G11		ZM_125_A1_G11_MR
63669	ZM_125_A1_G12	ZM_125_A1_G12_T7C	
63670	ZM_125_A1_G12		ZM_125_A1_G12_MR
63671	ZM_125_A1_H02	ZM_125_A1_H02_T7C	
63672	ZM_125_A1_H02		ZM_125_A1_H02_MR
63673	ZM_125_A1_H04	ZM_125_A1_H04_T7C	
63674	ZM_125_A1_H04		ZM_125_A1_H04_MR
63675	ZM_125_A1_H05	ZM_125_A1_H05_T7C	
63676	ZM_125_A1_H05		ZM_125_A1_H05_MR
63677	ZM_125_A1_H06	ZM_125_A1_H06_T7C	
63678	ZM_125_A1_H06		ZM_125_A1_H06_MR
63679	ZM_125_A1_H07	ZM_125_A1_H07_T7C	
63680	ZM_125_A1_H07		ZM_125_A1_H07_MR
63681	ZM_125_A1_H08	ZM_125_A1_H08_T7C	
63682	ZM_125_A1_H08		ZM_125_A1_H08_MR
63683	ZM_125_A1_H10	ZM_125_A1_H10_T7C	
63684	ZM_125_A1_H10		ZM_125_A1_H10_MR
63685	ZM_125_A1_H12	ZM_125_A1_H12_T7C	
63686	ZM_125_A1_H12		ZM_125_A1_H12_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63687	ZM_125_A2_A01	ZM_125_A2_A01_T7C	
63688	ZM_125_A2_A02	ZM_125_A2_A02_T7C	
63689	ZM_125_A2_A04	ZM_125_A2_A04_T7C	
63690	ZM_125_A2_A05	ZM_125_A2_A05_T7C	
63691	ZM_125_A2_A07	ZM_125_A2_A07_T7C	
63692	ZM_125_A2_A08	ZM_125_A2_A08_T7C	
63693	ZM_125_A2_A10	ZM_125_A2_A10_T7C	
63694	ZM_125_A2_A11	ZM_125_A2_A11_T7C	
63695	ZM_125_A2_A12	ZM_125_A2_A12_T7C	
63696	ZM_125_A2_B01	ZM_125_A2_B01_T7C	
63697	ZM_125_A2_B02	ZM_125_A2_B02_T7C	
63698	ZM_125_A2_B03	ZM_125_A2_B03_T7C	
63699	ZM_125_A2_B04	ZM_125_A2_B04_T7C	
63700	ZM_125_A2_B05	ZM_125_A2_B05_T7C	
63701	ZM_125_A2_B06	ZM_125_A2_B06_T7C	
63702	ZM_125_A2_B07	ZM_125_A2_B07_T7C	
63703	ZM_125_A2_B08	ZM_125_A2_B08_T7C	
63704	ZM_125_A2_B09	ZM_125_A2_B09_T7C	
63705	ZM_125_A2_B10	ZM_125_A2_B10_T7C	
63706	ZM_125_A2_B11	ZM_125_A2_B11_T7C	
63707	ZM_125_A2_B12	ZM_125_A2_B12_T7C	
63708	ZM_125_A2_C01	ZM_125_A2_C01_T7C	
63709	ZM_125_A2_C02	ZM_125_A2_C02_T7C	
63710	ZM_125_A2_C03	ZM_125_A2_C03_T7C	
63711	ZM_125_A2_C04	ZM_125_A2_C04_T7C	
63712	ZM_125_A2_C05	ZM_125_A2_C05_T7C	
63713	ZM_125_A2_C07	ZM_125_A2_C07_T7C	
63714	ZM_125_A2_C08	ZM_125_A2_C08_T7C	
63715	ZM_125_A2_C09	ZM_125_A2_C09_T7C	
63716	ZM_125_A2_C10	ZM_125_A2_C10_T7C	
63717	ZM_125_A2_C11	ZM_125_A2_C11_T7C	
63718	ZM_125_A2_C12	ZM_125_A2_C12_T7C	
63719	ZM_125_A2_D01	ZM_125_A2_D01_T7C	
63720	ZM_125_A2_D02	ZM_125_A2_D02_T7C	
63721	ZM_125_A2_D03	ZM_125_A2_D03_T7C	
63722	ZM_125_A2_D04	ZM_125_A2_D04_T7C	
63723	ZM_125_A2_D05	ZM_125_A2_D05_T7C	
63724	ZM_125_A2_D06	ZM_125_A2_D06_T7C	
63725	ZM_125_A2_D07	ZM_125_A2_D07_T7C	
63726	ZM_125_A2_D08	ZM_125_A2_D08_T7C	
63727	ZM_125_A2_D10	ZM_125_A2_D10_T7C	
63728	ZM_125_A2_D11	ZM_125_A2_D11_T7C	
63729	ZM_125_A2_D12	ZM_125_A2_D12_T7C	
63730	ZM_125_A2_E01	ZM_125_A2_E01_T7C	
63731	ZM_125_A2_E02	ZM_125_A2_E02_T7C	
63732	ZM_125_A2_E04	ZM_125_A2_E04_T7C	
63733	ZM_125_A2_E05	ZM_125_A2_E05_T7C	
63734	ZM_125_A2_E07	ZM_125_A2_E07_T7C	
63735	ZM_125_A2_E08	ZM_125_A2_E08_T7C	
63736	ZM_125_A2_E10	ZM_125_A2_E10_T7C	
63737	ZM_125_A2_E11	ZM_125_A2_E11_T7C	
63738	ZM_125_A2_E12	ZM_125_A2_E12_T7C	
63739	ZM_125_A2_F01	ZM_125_A2_F01_T7C	
63740	ZM_125_A2_F02	ZM_125_A2_F02_T7C	
63741	ZM_125_A2_F03	ZM_125_A2_F03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63742	ZM_125_A2_F04	ZM_125_A2_F04_T7C	
63743	ZM_125_A2_F05	ZM_125_A2_F05_T7C	
63744	ZM_125_A2_F06	ZM_125_A2_F06_T7C	
63745	ZM_125_A2_F07	ZM_125_A2_F07_T7C	
63746	ZM_125_A2_F10	ZM_125_A2_F10_T7C	
63747	ZM_125_A2_F11	ZM_125_A2_F11_T7C	
63748	ZM_125_A2_F12	ZM_125_A2_F12_T7C	
63749	ZM_125_A2_G01	ZM_125_A2_G01_T7C	
63750	ZM_125_A2_G02	ZM_125_A2_G02_T7C	
63751	ZM_125_A2_G03	ZM_125_A2_G03_T7C	
63752	ZM_125_A2_G04	ZM_125_A2_G04_T7C	
63753	ZM_125_A2_G05	ZM_125_A2_G05_T7C	
63754	ZM_125_A2_G06	ZM_125_A2_G06_T7C	
63755	ZM_125_A2_G07	ZM_125_A2_G07_T7C	
63756	ZM_125_A2_G08	ZM_125_A2_G08_T7C	
63757	ZM_125_A2_G09	ZM_125_A2_G09_T7C	
63758	ZM_125_A2_G10	ZM_125_A2_G10_T7C	
63759	ZM_125_A2_G12	ZM_125_A2_G12_T7C	
63760	ZM_125_A2_H01	ZM_125_A2_H01_T7C	
63761	ZM_125_A2_H02	ZM_125_A2_H02_T7C	
63762	ZM_125_A2_H03	ZM_125_A2_H03_T7C	
63763	ZM_125_A2_H04	ZM_125_A2_H04_T7C	
63764	ZM_125_A2_H06	ZM_125_A2_H06_T7C	
63765	ZM_125_A2_H07	ZM_125_A2_H07_T7C	
63766	ZM_125_A2_H08	ZM_125_A2_H08_T7C	
63767	ZM_125_A2_H10	ZM_125_A2_H10_T7C	
63768	ZM_125_A2_H11	ZM_125_A2_H11_T7C	
63769	ZM_126_A1_A01	ZM_126_A1_A01_T7C	
63770	ZM_126_A1_A02	ZM_126_A1_A02_T7C	
63771	ZM_126_A1_A03	ZM_126_A1_A03_T7C	
63772	ZM_126_A1_A03		ZM_126_A1_A03_MR
63773	ZM_126_A1_A04		ZM_126_A1_A04_MR
63774	ZM_126_A1_A05	ZM_126_A1_A05_T7C	
63775	ZM_126_A1_A05		ZM_126_A1_A05_MR
63776	ZM_126_A1_A07	ZM_126_A1_A07_T7C	
63777	ZM_126_A1_A07		ZM_126_A1_A07_MR
63778	ZM_126_A1_A08	ZM_126_A1_A08_T7C	
63779	ZM_126_A1_A08		ZM_126_A1_A08_MR
63780	ZM_126_A1_A09	ZM_126_A1_A09_T7C	
63781	ZM_126_A1_A09		ZM_126_A1_A09_MR
63782	ZM_126_A1_A10	ZM_126_A1_A10_T7C	
63783	ZM_126_A1_A10		ZM_126_A1_A10_MR
63784	ZM_126_A1_A11	ZM_126_A1_A11_T7C	
63785	ZM_126_A1_A12		ZM_126_A1_A12_MR
63786	ZM_126_A1_B01		ZM_126_A1_B01_MR
63787	ZM_126_A1_B03		ZM_126_A1_B03_MR
63788	ZM_126_A1_B05		ZM_126_A1_B05_MR
63789	ZM_126_A1_B06	ZM_126_A1_B06_T7C	
63790	ZM_126_A1_B07		ZM_126_A1_B07_MR
63791	ZM_126_A1_B08		ZM_126_A1_B08_MR
63792	ZM_126_A1_B09		ZM_126_A1_B09_MR
63793	ZM_126_A1_B10	ZM_126_A1_B10_T7C	
63794	ZM_126_A1_B10		ZM_126_A1_B10_MR
63795	ZM_126_A1_B11		ZM_126_A1_B11_MR
63796	ZM_126_A1_B12	ZM_126_A1_B12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63797	ZM_126_A1_C01	ZM_126_A1_C01_T7C	
63798	ZM_126_A1_C01		ZM_126_A1_C01_MR
63799	ZM_126_A1_C03	ZM_126_A1_C03_T7C	
63800	ZM_126_A1_C03		ZM_126_A1_C03_MR
63801	ZM_126_A1_C05		ZM_126_A1_C05_MR
63802	ZM_126_A1_C06	ZM_126_A1_C06_T7C	
63803	ZM_126_A1_C06		ZM_126_A1_C06_MR
63804	ZM_126_A1_C07	ZM_126_A1_C07_T7C	
63805	ZM_126_A1_C07		ZM_126_A1_C07_MR
63806	ZM_126_A1_C08	ZM_126_A1_C08_T7C	
63807	ZM_126_A1_C08		ZM_126_A1_C08_MR
63808	ZM_126_A1_C09	ZM_126_A1_C09_T7C	
63809	ZM_126_A1_C09		ZM_126_A1_C09_MR
63810	ZM_126_A1_C10		ZM_126_A1_C10_MR
63811	ZM_126_A1_C11	ZM_126_A1_C11_T7C	
63812	ZM_126_A1_C11		ZM_126_A1_C11_MR
63813	ZM_126_A1_C12	ZM_126_A1_C12_T7C	
63814	ZM_126_A1_C12		ZM_126_A1_C12_MR
63815	ZM_126_A1_D01		ZM_126_A1_D01_MR
63816	ZM_126_A1_D02		ZM_126_A1_D02_MR
63817	ZM_126_A1_D03		ZM_126_A1_D03_MR
63818	ZM_126_A1_D04		ZM_126_A1_D04_MR
63819	ZM_126_A1_D05		ZM_126_A1_D05_MR
63820	ZM_126_A1_D06	ZM_126_A1_D06_T7C	
63821	ZM_126_A1_D06		ZM_126_A1_D06_MR
63822	ZM_126_A1_D07	ZM_126_A1_D07_T7C	
63823	ZM_126_A1_D07		ZM_126_A1_D07_MR
63824	ZM_126_A1_D08	ZM_126_A1_D08_T7C	
63825	ZM_126_A1_D08		ZM_126_A1_D08_MR
63826	ZM_126_A1_D09	ZM_126_A1_D09_T7C	
63827	ZM_126_A1_D09		ZM_126_A1_D09_MR
63828	ZM_126_A1_D10	ZM_126_A1_D10_T7C	
63829	ZM_126_A1_D10		ZM_126_A1_D10_MR
63830	ZM_126_A1_D11	ZM_126_A1_D11_T7C	
63831	ZM_126_A1_D11		ZM_126_A1_D11_MR
63832	ZM_126_A1_D12	ZM_126_A1_D12_T7C	
63833	ZM_126_A1_D12		ZM_126_A1_D12_MR
63834	ZM_126_A1_E01	ZM_126_A1_E01_T7C	
63835	ZM_126_A1_E02	ZM_126_A1_E02_T7C	
63836	ZM_126_A1_E03	ZM_126_A1_E03_T7C	
63837	ZM_126_A1_E03		ZM_126_A1_E03_MR
63838	ZM_126_A1_E05	ZM_126_A1_E05_T7C	
63839	ZM_126_A1_E05		ZM_126_A1_E05_MR
63840	ZM_126_A1_E06	ZM_126_A1_E06_T7C	
63841	ZM_126_A1_E06		ZM_126_A1_E06_MR
63842	ZM_126_A1_E07	ZM_126_A1_E07_T7C	
63843	ZM_126_A1_E07		ZM_126_A1_E07_MR
63844	ZM_126_A1_E08	ZM_126_A1_E08_T7C	
63845	ZM_126_A1_E08		ZM_126_A1_E08_MR
63846	ZM_126_A1_E09	ZM_126_A1_E09_T7C	
63847	ZM_126_A1_E09		ZM_126_A1_E09_MR
63848	ZM_126_A1_E10	ZM_126_A1_E10_T7C	
63849	ZM_126_A1_E10		ZM_126_A1_E10_MR
63850	ZM_126_A1_E11		ZM_126_A1_E11_MR
63851	ZM_126_A1_E12		ZM_126_A1_E12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63852	ZM_126_A1_F01		ZM_126_A1_F01_MR
63853	ZM_126_A1_F02		ZM_126_A1_F02_MR
63854	ZM_126_A1_F05	ZM_126_A1_F05_T7C	
63855	ZM_126_A1_F05		ZM_126_A1_F05_MR
63856	ZM_126_A1_F06	ZM_126_A1_F06_T7C	
63857	ZM_126_A1_F06		ZM_126_A1_F06_MR
63858	ZM_126_A1_F07	ZM_126_A1_F07_T7C	
63859	ZM_126_A1_F07		ZM_126_A1_F07_MR
63860	ZM_126_A1_F08	ZM_126_A1_F08_T7C	
63861	ZM_126_A1_F08		ZM_126_A1_F08_MR
63862	ZM_126_A1_F10	ZM_126_A1_F10_T7C	
63863	ZM_126_A1_F10		ZM_126_A1_F10_MR
63864	ZM_126_A1_F11	ZM_126_A1_F11_T7C	
63865	ZM_126_A1_F11		ZM_126_A1_F11_MR
63866	ZM_126_A1_F12	ZM_126_A1_F12_T7C	
63867	ZM_126_A1_F12		ZM_126_A1_F12_MR
63868	ZM_126_A1_G01	ZM_126_A1_G01_T7C	
63869	ZM_126_A1_G01		ZM_126_A1_G01_MR
63870	ZM_126_A1_G03	ZM_126_A1_G03_T7C	
63871	ZM_126_A1_G03		ZM_126_A1_G03_MR
63872	ZM_126_A1_G04	ZM_126_A1_G04_T7C	
63873	ZM_126_A1_G05	ZM_126_A1_G05_T7C	
63874	ZM_126_A1_G05		ZM_126_A1_G05_MR
63875	ZM_126_A1_G06	ZM_126_A1_G06_T7C	
63876	ZM_126_A1_G06		ZM_126_A1_G06_MR
63877	ZM_126_A1_G07	ZM_126_A1_G07_T7C	
63878	ZM_126_A1_G07		ZM_126_A1_G07_MR
63879	ZM_126_A1_G08	ZM_126_A1_G08_T7C	
63880	ZM_126_A1_G09	ZM_126_A1_G09_T7C	
63881	ZM_126_A1_G09		ZM_126_A1_G09_MR
63882	ZM_126_A1_G10	ZM_126_A1_G10_T7C	
63883	ZM_126_A1_G10		ZM_126_A1_G10_MR
63884	ZM_126_A1_G11	ZM_126_A1_G11_T7C	
63885	ZM_126_A1_G11		ZM_126_A1_G11_MR
63886	ZM_126_A1_G12	ZM_126_A1_G12_T7C	
63887	ZM_126_A1_G12		ZM_126_A1_G12_MR
63888	ZM_126_A1_H01	ZM_126_A1_H01_T7C	
63889	ZM_126_A1_H02	ZM_126_A1_H02_T7C	
63890	ZM_126_A1_H03		ZM_126_A1_H03_MR
63891	ZM_126_A1_H05	ZM_126_A1_H05_T7C	
63892	ZM_126_A1_H05		ZM_126_A1_H05_MR
63893	ZM_126_A1_H06	ZM_126_A1_H06_T7C	
63894	ZM_126_A1_H06		ZM_126_A1_H06_MR
63895	ZM_126_A1_H07	ZM_126_A1_H07_T7C	
63896	ZM_126_A1_H07		ZM_126_A1_H07_MR
63897	ZM_126_A1_H08		ZM_126_A1_H08_MR
63898	ZM_126_A1_H09	ZM_126_A1_H09_T7C	
63899	ZM_126_A1_H09		ZM_126_A1_H09_MR
63900	ZM_126_A1_H10		ZM_126_A1_H10_MR
63901	ZM_126_A1_H11		ZM_126_A1_H11_MR
63902	ZM_126_A2_A01		ZM_126_A2_A01_MR
63903	ZM_126_A2_A02		ZM_126_A2_A02_MR
63904	ZM_126_A2_A03		ZM_126_A2_A03_MR
63905	ZM_126_A2_A04		ZM_126_A2_A04_MR
63906	ZM_126_A2_A05		ZM_126_A2_A05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63907	ZM_126_A2_A06		ZM_126_A2_A06_MR
63908	ZM_126_A2_A07		ZM_126_A2_A07_MR
63909	ZM_126_A2_A08		ZM_126_A2_A08_MR
63910	ZM_126_A2_A09		ZM_126_A2_A09_MR
63911	ZM_126_A2_A10		ZM_126_A2_A10_MR
63912	ZM_126_A2_A11		ZM_126_A2_A11_MR
63913	ZM_126_A2_A12		ZM_126_A2_A12_MR
63914	ZM_126_A2_B01		ZM_126_A2_B01_MR
63915	ZM_126_A2_B02		ZM_126_A2_B02_MR
63916	ZM_126_A2_B03		ZM_126_A2_B03_MR
63917	ZM_126_A2_B04		ZM_126_A2_B04_MR
63918	ZM_126_A2_B05		ZM_126_A2_B05_MR
63919	ZM_126_A2_B06		ZM_126_A2_B06_MR
63920	ZM_126_A2_B07		ZM_126_A2_B07_MR
63921	ZM_126_A2_B08		ZM_126_A2_B08_MR
63922	ZM_126_A2_B09		ZM_126_A2_B09_MR
63923	ZM_126_A2_B10		ZM_126_A2_B10_MR
63924	ZM_126_A2_B11		ZM_126_A2_B11_MR
63925	ZM_126_A2_B12		ZM_126_A2_B12_MR
63926	ZM_126_A2_C01		ZM_126_A2_C01_MR
63927	ZM_126_A2_C02		ZM_126_A2_C02_MR
63928	ZM_126_A2_C03		ZM_126_A2_C03_MR
63929	ZM_126_A2_C04		ZM_126_A2_C04_MR
63930	ZM_126_A2_C05		ZM_126_A2_C05_MR
63931	ZM_126_A2_C06		ZM_126_A2_C06_MR
63932	ZM_126_A2_C07		ZM_126_A2_C07_MR
63933	ZM_126_A2_C08		ZM_126_A2_C08_MR
63934	ZM_126_A2_C09		ZM_126_A2_C09_MR
63935	ZM_126_A2_C10		ZM_126_A2_C10_MR
63936	ZM_126_A2_C11		ZM_126_A2_C11_MR
63937	ZM_126_A2_C12		ZM_126_A2_C12_MR
63938	ZM_126_A2_D01		ZM_126_A2_D01_MR
63939	ZM_126_A2_D02		ZM_126_A2_D02_MR
63940	ZM_126_A2_D03		ZM_126_A2_D03_MR
63941	ZM_126_A2_D04		ZM_126_A2_D04_MR
63942	ZM_126_A2_D05		ZM_126_A2_D05_MR
63943	ZM_126_A2_D07		ZM_126_A2_D07_MR
63944	ZM_126_A2_D08		ZM_126_A2_D08_MR
63945	ZM_126_A2_D09		ZM_126_A2_D09_MR
63946	ZM_126_A2_D10		ZM_126_A2_D10_MR
63947	ZM_126_A2_D11		ZM_126_A2_D11_MR
63948	ZM_126_A2_D12		ZM_126_A2_D12_MR
63949	ZM_126_A2_E01		ZM_126_A2_E01_MR
63950	ZM_126_A2_E02		ZM_126_A2_E02_MR
63951	ZM_126_A2_E03		ZM_126_A2_E03_MR
63952	ZM_126_A2_E04		ZM_126_A2_E04_MR
63953	ZM_126_A2_E05		ZM_126_A2_E05_MR
63954	ZM_126_A2_E06		ZM_126_A2_E06_MR
63955	ZM_126_A2_E07		ZM_126_A2_E07_MR
63956	ZM_126_A2_E08		ZM_126_A2_E08_MR
63957	ZM_126_A2_E09		ZM_126_A2_E09_MR
63958	ZM_126_A2_E10		ZM_126_A2_E10_MR
63959	ZM_126_A2_E11		ZM_126_A2_E11_MR
63960	ZM_126_A2_E12		ZM_126_A2_E12_MR
63961	ZM_126_A2_F01		ZM_126_A2_F01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
63962	ZM_126_A2_F02		ZM_126_A2_F02_MR
63963	ZM_126_A2_F03		ZM_126_A2_F03_MR
63964	ZM_126_A2_F04		ZM_126_A2_F04_MR
63965	ZM_126_A2_F05		ZM_126_A2_F05_MR
63966	ZM_126_A2_F06		ZM_126_A2_F06_MR
63967	ZM_126_A2_F07		ZM_126_A2_F07_MR
63968	ZM_126_A2_F08		ZM_126_A2_F08_MR
63969	ZM_126_A2_F09		ZM_126_A2_F09_MR
63970	ZM_126_A2_F10		ZM_126_A2_F10_MR
63971	ZM_126_A2_F11		ZM_126_A2_F11_MR
63972	ZM_126_A2_F12		ZM_126_A2_F12_MR
63973	ZM_126_A2_G01		ZM_126_A2_G01_MR
63974	ZM_126_A2_G02		ZM_126_A2_G02_MR
63975	ZM_126_A2_G03		ZM_126_A2_G03_MR
63976	ZM_126_A2_G04		ZM_126_A2_G04_MR
63977	ZM_126_A2_G05		ZM_126_A2_G05_MR
63978	ZM_126_A2_G06		ZM_126_A2_G06_MR
63979	ZM_126_A2_G07		ZM_126_A2_G07_MR
63980	ZM_126_A2_G08		ZM_126_A2_G08_MR
63981	ZM_126_A2_G09		ZM_126_A2_G09_MR
63982	ZM_126_A2_G10		ZM_126_A2_G10_MR
63983	ZM_126_A2_G11		ZM_126_A2_G11_MR
63984	ZM_126_A2_G12		ZM_126_A2_G12_MR
63985	ZM_126_A2_H01		ZM_126_A2_H01_MR
63986	ZM_126_A2_H02		ZM_126_A2_H02_MR
63987	ZM_126_A2_H03		ZM_126_A2_H03_MR
63988	ZM_126_A2_H04		ZM_126_A2_H04_MR
63989	ZM_126_A2_H05		ZM_126_A2_H05_MR
63990	ZM_126_A2_H06		ZM_126_A2_H06_MR
63991	ZM_126_A2_H07		ZM_126_A2_H07_MR
63992	ZM_126_A2_H08		ZM_126_A2_H08_MR
63993	ZM_126_A2_H09		ZM_126_A2_H09_MR
63994	ZM_126_A2_H10		ZM_126_A2_H10_MR
63995	ZM_126_A2_H11		ZM_126_A2_H11_MR
63996	ZM_126_A2_H12		ZM_126_A2_H12_MR
63997	ZM_126_B2_A02		ZM_126_B2_A02_MR
63998	ZM_126_B2_A03		ZM_126_B2_A03_MR
63999	ZM_126_B2_A04		ZM_126_B2_A04_MR
64000	ZM_126_B2_A05		ZM_126_B2_A05_MR
64001	ZM_126_B2_A06		ZM_126_B2_A06_MR
64002	ZM_126_B2_A08		ZM_126_B2_A08_MR
64003	ZM_126_B2_A09		ZM_126_B2_A09_MR
64004	ZM_126_B2_A10		ZM_126_B2_A10_MR
64005	ZM_126_B2_A11		ZM_126_B2_A11_MR
64006	ZM_126_B2_A12		ZM_126_B2_A12_MR
64007	ZM_126_B2_B01		ZM_126_B2_B01_MR
64008	ZM_126_B2_B02		ZM_126_B2_B02_MR
64009	ZM_126_B2_B03		ZM_126_B2_B03_MR
64010	ZM_126_B2_B04		ZM_126_B2_B04_MR
64011	ZM_126_B2_B05		ZM_126_B2_B05_MR
64012	ZM_126_B2_B06		ZM_126_B2_B06_MR
64013	ZM_126_B2_B07		ZM_126_B2_B07_MR
64014	ZM_126_B2_B08		ZM_126_B2_B08_MR
64015	ZM_126_B2_B09		ZM_126_B2_B09_MR
64016	ZM_126_B2_B10		ZM_126_B2_B10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64017	ZM_126_B2_B11		ZM_126_B2_B11_MR
64018	ZM_126_B2_B12		ZM_126_B2_B12_MR
64019	ZM_126_B2_C01		ZM_126_B2_C01_MR
64020	ZM_126_B2_C02		ZM_126_B2_C02_MR
64021	ZM_126_B2_C03		ZM_126_B2_C03_MR
64022	ZM_126_B2_C04		ZM_126_B2_C04_MR
64023	ZM_126_B2_C05		ZM_126_B2_C05_MR
64024	ZM_126_B2_C06		ZM_126_B2_C06_MR
64025	ZM_126_B2_C07		ZM_126_B2_C07_MR
64026	ZM_126_B2_C08		ZM_126_B2_C08_MR
64027	ZM_126_B2_C09		ZM_126_B2_C09_MR
64028	ZM_126_B2_C10		ZM_126_B2_C10_MR
64029	ZM_126_B2_C11		ZM_126_B2_C11_MR
64030	ZM_126_B2_C12		ZM_126_B2_C12_MR
64031	ZM_126_B2_D01		ZM_126_B2_D01_MR
64032	ZM_126_B2_D02		ZM_126_B2_D02_MR
64033	ZM_126_B2_D03		ZM_126_B2_D03_MR
64034	ZM_126_B2_D04		ZM_126_B2_D04_MR
64035	ZM_126_B2_D05		ZM_126_B2_D05_MR
64036	ZM_126_B2_D06		ZM_126_B2_D06_MR
64037	ZM_126_B2_D07		ZM_126_B2_D07_MR
64038	ZM_126_B2_D08		ZM_126_B2_D08_MR
64039	ZM_126_B2_D09		ZM_126_B2_D09_MR
64040	ZM_126_B2_D10		ZM_126_B2_D10_MR
64041	ZM_126_B2_D11		ZM_126_B2_D11_MR
64042	ZM_126_B2_D12		ZM_126_B2_D12_MR
64043	ZM_126_B2_E01		ZM_126_B2_E01_MR
64044	ZM_126_B2_E02		ZM_126_B2_E02_MR
64045	ZM_126_B2_E03		ZM_126_B2_E03_MR
64046	ZM_126_B2_E04		ZM_126_B2_E04_MR
64047	ZM_126_B2_E05		ZM_126_B2_E05_MR
64048	ZM_126_B2_E06		ZM_126_B2_E06_MR
64049	ZM_126_B2_E07		ZM_126_B2_E07_MR
64050	ZM_126_B2_E08		ZM_126_B2_E08_MR
64051	ZM_126_B2_E10		ZM_126_B2_E10_MR
64052	ZM_126_B2_E11		ZM_126_B2_E11_MR
64053	ZM_126_B2_E12		ZM_126_B2_E12_MR
64054	ZM_126_B2_F01		ZM_126_B2_F01_MR
64055	ZM_126_B2_F02		ZM_126_B2_F02_MR
64056	ZM_126_B2_F03		ZM_126_B2_F03_MR
64057	ZM_126_B2_F04		ZM_126_B2_F04_MR
64058	ZM_126_B2_F05		ZM_126_B2_F05_MR
64059	ZM_126_B2_F06		ZM_126_B2_F06_MR
64060	ZM_126_B2_F07		ZM_126_B2_F07_MR
64061	ZM_126_B2_F08		ZM_126_B2_F08_MR
64062	ZM_126_B2_F09		ZM_126_B2_F09_MR
64063	ZM_126_B2_F10		ZM_126_B2_F10_MR
64064	ZM_126_B2_F11		ZM_126_B2_F11_MR
64065	ZM_126_B2_F12		ZM_126_B2_F12_MR
64066	ZM_126_B2_G01		ZM_126_B2_G01_MR
64067	ZM_126_B2_G02		ZM_126_B2_G02_MR
64068	ZM_126_B2_G03		ZM_126_B2_G03_MR
64069	ZM_126_B2_G04		ZM_126_B2_G04_MR
64070	ZM_126_B2_G05		ZM_126_B2_G05_MR
64071	ZM_126_B2_G06		ZM_126_B2_G06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64072	ZM_126_B2_G07		ZM_126_B2_G07_MR
64073	ZM_126_B2_G08		ZM_126_B2_G08_MR
64074	ZM_126_B2_G09		ZM_126_B2_G09_MR
64075	ZM_126_B2_G10		ZM_126_B2_G10_MR
64076	ZM_126_B2_G11		ZM_126_B2_G11_MR
64077	ZM_126_B2_G12		ZM_126_B2_G12_MR
64078	ZM_126_B2_H01		ZM_126_B2_H01_MR
64079	ZM_126_B2_H02		ZM_126_B2_H02_MR
64080	ZM_126_B2_H03		ZM_126_B2_H03_MR
64081	ZM_126_B2_H04		ZM_126_B2_H04_MR
64082	ZM_126_B2_H05		ZM_126_B2_H05_MR
64083	ZM_126_B2_H06		ZM_126_B2_H06_MR
64084	ZM_126_B2_H07		ZM_126_B2_H07_MR
64085	ZM_126_B2_H08		ZM_126_B2_H08_MR
64086	ZM_126_B2_H09		ZM_126_B2_H09_MR
64087	ZM_126_B2_H10		ZM_126_B2_H10_MR
64088	ZM_126_B2_H11		ZM_126_B2_H11_MR
64089	ZM_126_B2_H12		ZM_126_B2_H12_MR
64090	ZM_128_A2_A01	ZM_128_A2_A01_T7C	
64091	ZM_128_A2_A01		ZM_128_A2_A01_MR
64092	ZM_128_A2_A02	ZM_128_A2_A02_T7C	
64093	ZM_128_A2_A02		ZM_128_A2_A02_MR
64094	ZM_128_A2_A03	ZM_128_A2_A03_T7C	
64095	ZM_128_A2_A03		ZM_128_A2_A03_MR
64096	ZM_128_A2_A04	ZM_128_A2_A04_T7C	
64097	ZM_128_A2_A04		ZM_128_A2_A04_MR
64098	ZM_128_A2_A06	ZM_128_A2_A06_T7C	
64099	ZM_128_A2_A06		ZM_128_A2_A06_MR
64100	ZM_128_A2_A07	ZM_128_A2_A07_T7C	
64101	ZM_128_A2_A07		ZM_128_A2_A07_MR
64102	ZM_128_A2_A08	ZM_128_A2_A08_T7C	
64103	ZM_128_A2_A08		ZM_128_A2_A08_MR
64104	ZM_128_A2_A09	ZM_128_A2_A09_T7C	
64105	ZM_128_A2_A09		ZM_128_A2_A09_MR
64106	ZM_128_A2_A10	ZM_128_A2_A10_T7C	
64107	ZM_128_A2_A10		ZM_128_A2_A10_MR
64108	ZM_128_A2_A11	ZM_128_A2_A11_T7C	
64109	ZM_128_A2_A11		ZM_128_A2_A11_MR
64110	ZM_128_A2_A12	ZM_128_A2_A12_T7C	
64111	ZM_128_A2_A12		ZM_128_A2_A12_MR
64112	ZM_128_A2_B01	ZM_128_A2_B01_T7C	
64113	ZM_128_A2_B01		ZM_128_A2_B01_MR
64114	ZM_128_A2_B02	ZM_128_A2_B02_T7C	
64115	ZM_128_A2_B02		ZM_128_A2_B02_MR
64116	ZM_128_A2_B03		ZM_128_A2_B03_MR
64117	ZM_128_A2_B04	ZM_128_A2_B04_T7C	
64118	ZM_128_A2_B04		ZM_128_A2_B04_MR
64119	ZM_128_A2_B05	ZM_128_A2_B05_T7C	
64120	ZM_128_A2_B05		ZM_128_A2_B05_MR
64121	ZM_128_A2_B06	ZM_128_A2_B06_T7C	
64122	ZM_128_A2_B06		ZM_128_A2_B06_MR
64123	ZM_128_A2_B07	ZM_128_A2_B07_T7C	
64124	ZM_128_A2_B07		ZM_128_A2_B07_MR
64125	ZM_128_A2_B08	ZM_128_A2_B08_T7C	
64126	ZM_128_A2_B08		ZM_128_A2_B08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64127	ZM_128_A2_B09	ZM_128_A2_B09_T7C	
64128	ZM_128_A2_B09		ZM_128_A2_B09_MR
64129	ZM_128_A2_B10	ZM_128_A2_B10_T7C	
64130	ZM_128_A2_B10		ZM_128_A2_B10_MR
64131	ZM_128_A2_B11	ZM_128_A2_B11_T7C	
64132	ZM_128_A2_B11		ZM_128_A2_B11_MR
64133	ZM_128_A2_B12	ZM_128_A2_B12_T7C	
64134	ZM_128_A2_B12		ZM_128_A2_B12_MR
64135	ZM_128_A2_C01	ZM_128_A2_C01_T7C	
64136	ZM_128_A2_C01		ZM_128_A2_C01_MR
64137	ZM_128_A2_C02	ZM_128_A2_C02_T7C	
64138	ZM_128_A2_C02		ZM_128_A2_C02_MR
64139	ZM_128_A2_C03	ZM_128_A2_C03_T7C	
64140	ZM_128_A2_C03		ZM_128_A2_C03_MR
64141	ZM_128_A2_C04	ZM_128_A2_C04_T7C	
64142	ZM_128_A2_C04		ZM_128_A2_C04_MR
64143	ZM_128_A2_C05	ZM_128_A2_C05_T7C	
64144	ZM_128_A2_C05		ZM_128_A2_C05_MR
64145	ZM_128_A2_C06	ZM_128_A2_C06_T7C	
64146	ZM_128_A2_C06		ZM_128_A2_C06_MR
64147	ZM_128_A2_C07	ZM_128_A2_C07_T7C	
64148	ZM_128_A2_C07		ZM_128_A2_C07_MR
64149	ZM_128_A2_C08	ZM_128_A2_C08_T7C	
64150	ZM_128_A2_C08		ZM_128_A2_C08_MR
64151	ZM_128_A2_C09		ZM_128_A2_C09_MR
64152	ZM_128_A2_C10	ZM_128_A2_C10_T7C	
64153	ZM_128_A2_C10		ZM_128_A2_C10_MR
64154	ZM_128_A2_C11	ZM_128_A2_C11_T7C	
64155	ZM_128_A2_C11		ZM_128_A2_C11_MR
64156	ZM_128_A2_C12	ZM_128_A2_C12_T7C	
64157	ZM_128_A2_C12		ZM_128_A2_C12_MR
64158	ZM_128_A2_D01	ZM_128_A2_D01_T7C	
64159	ZM_128_A2_D02	ZM_128_A2_D02_T7C	
64160	ZM_128_A2_D02		ZM_128_A2_D02_MR
64161	ZM_128_A2_D03	ZM_128_A2_D03_T7C	
64162	ZM_128_A2_D03		ZM_128_A2_D03_MR
64163	ZM_128_A2_D04	ZM_128_A2_D04_T7C	
64164	ZM_128_A2_D04		ZM_128_A2_D04_MR
64165	ZM_128_A2_D05	ZM_128_A2_D05_T7C	
64166	ZM_128_A2_D05		ZM_128_A2_D05_MR
64167	ZM_128_A2_D06	ZM_128_A2_D06_T7C	
64168	ZM_128_A2_D06		ZM_128_A2_D06_MR
64169	ZM_128_A2_D07	ZM_128_A2_D07_T7C	
64170	ZM_128_A2_D07		ZM_128_A2_D07_MR
64171	ZM_128_A2_D08	ZM_128_A2_D08_T7C	
64172	ZM_128_A2_D08		ZM_128_A2_D08_MR
64173	ZM_128_A2_D09	ZM_128_A2_D09_T7C	
64174	ZM_128_A2_D09		ZM_128_A2_D09_MR
64175	ZM_128_A2_D10	ZM_128_A2_D10_T7C	
64176	ZM_128_A2_D10		ZM_128_A2_D10_MR
64177	ZM_128_A2_D11	ZM_128_A2_D11_T7C	
64178	ZM_128_A2_D11		ZM_128_A2_D11_MR
64179	ZM_128_A2_D12	ZM_128_A2_D12_T7C	
64180	ZM_128_A2_D12		ZM_128_A2_D12_MR
64181	ZM_128_A2_E01	ZM_128_A2_E01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64182	ZM_128_A2_E01		ZM_128_A2_E01_MR
64183	ZM_128_A2_E02	ZM_128_A2_E02_T7C	
64184	ZM_128_A2_E02		ZM_128_A2_E02_MR
64185	ZM_128_A2_E03	ZM_128_A2_E03_T7C	
64186	ZM_128_A2_E03		ZM_128_A2_E03_MR
64187	ZM_128_A2_E04	ZM_128_A2_E04_T7C	
64188	ZM_128_A2_E04		ZM_128_A2_E04_MR
64189	ZM_128_A2_E05	ZM_128_A2_E05_T7C	
64190	ZM_128_A2_E05		ZM_128_A2_E05_MR
64191	ZM_128_A2_E06	ZM_128_A2_E06_T7C	
64192	ZM_128_A2_E06		ZM_128_A2_E06_MR
64193	ZM_128_A2_E07	ZM_128_A2_E07_T7C	
64194	ZM_128_A2_E07		ZM_128_A2_E07_MR
64195	ZM_128_A2_E08	ZM_128_A2_E08_T7C	
64196	ZM_128_A2_E08		ZM_128_A2_E08_MR
64197	ZM_128_A2_E09	ZM_128_A2_E09_T7C	
64198	ZM_128_A2_E09		ZM_128_A2_E09_MR
64199	ZM_128_A2_E10	ZM_128_A2_E10_T7C	
64200	ZM_128_A2_E10		ZM_128_A2_E10_MR
64201	ZM_128_A2_E11	ZM_128_A2_E11_T7C	
64202	ZM_128_A2_E11		ZM_128_A2_E11_MR
64203	ZM_128_A2_E12	ZM_128_A2_E12_T7C	
64204	ZM_128_A2_E12		ZM_128_A2_E12_MR
64205	ZM_128_A2_F01	ZM_128_A2_F01_T7C	
64206	ZM_128_A2_F01		ZM_128_A2_F01_MR
64207	ZM_128_A2_F02	ZM_128_A2_F02_T7C	
64208	ZM_128_A2_F02		ZM_128_A2_F02_MR
64209	ZM_128_A2_F03	ZM_128_A2_F03_T7C	
64210	ZM_128_A2_F04	ZM_128_A2_F04_T7C	
64211	ZM_128_A2_F04		ZM_128_A2_F04_MR
64212	ZM_128_A2_F05		ZM_128_A2_F05_MR
64213	ZM_128_A2_F06	ZM_128_A2_F06_T7C	
64214	ZM_128_A2_F06		ZM_128_A2_F06_MR
64215	ZM_128_A2_F07	ZM_128_A2_F07_T7C	
64216	ZM_128_A2_F07		ZM_128_A2_F07_MR
64217	ZM_128_A2_F08	ZM_128_A2_F08_T7C	
64218	ZM_128_A2_F08		ZM_128_A2_F08_MR
64219	ZM_128_A2_F09	ZM_128_A2_F09_T7C	
64220	ZM_128_A2_F10	ZM_128_A2_F10_T7C	
64221	ZM_128_A2_F10		ZM_128_A2_F10_MR
64222	ZM_128_A2_F11	ZM_128_A2_F11_T7C	
64223	ZM_128_A2_F11		ZM_128_A2_F11_MR
64224	ZM_128_A2_F12	ZM_128_A2_F12_T7C	
64225	ZM_128_A2_F12		ZM_128_A2_F12_MR
64226	ZM_128_A2_G01	ZM_128_A2_G01_T7C	
64227	ZM_128_A2_G01		ZM_128_A2_G01_MR
64228	ZM_128_A2_G02	ZM_128_A2_G02_T7C	
64229	ZM_128_A2_G02		ZM_128_A2_G02_MR
64230	ZM_128_A2_G05	ZM_128_A2_G05_T7C	
64231	ZM_128_A2_G05		ZM_128_A2_G05_MR
64232	ZM_128_A2_G06	ZM_128_A2_G06_T7C	
64233	ZM_128_A2_G06		ZM_128_A2_G06_MR
64234	ZM_128_A2_G07	ZM_128_A2_G07_T7C	
64235	ZM_128_A2_G07		ZM_128_A2_G07_MR
64236	ZM_128_A2_G08	ZM_128_A2_G08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64237	ZM_128_A2_G09	ZM_128_A2_G09_T7C	
64238	ZM_128_A2_G10	ZM_128_A2_G10_T7C	
64239	ZM_128_A2_G11	ZM_128_A2_G11_T7C	
64240	ZM_128_A2_G11		ZM_128_A2_G11_MR
64241	ZM_128_A2_G12	ZM_128_A2_G12_T7C	
64242	ZM_128_A2_G12		ZM_128_A2_G12_MR
64243	ZM_128_A2_H01	ZM_128_A2_H01_T7C	
64244	ZM_128_A2_H01		ZM_128_A2_H01_MR
64245	ZM_128_A2_H02	ZM_128_A2_H02_T7C	
64246	ZM_128_A2_H02		ZM_128_A2_H02_MR
64247	ZM_128_A2_H03	ZM_128_A2_H03_T7C	
64248	ZM_128_A2_H03		ZM_128_A2_H03_MR
64249	ZM_128_A2_H04	ZM_128_A2_H04_T7C	
64250	ZM_128_A2_H04		ZM_128_A2_H04_MR
64251	ZM_128_A2_H05	ZM_128_A2_H05_T7C	
64252	ZM_128_A2_H05		ZM_128_A2_H05_MR
64253	ZM_128_A2_H06	ZM_128_A2_H06_T7C	
64254	ZM_128_A2_H06		ZM_128_A2_H06_MR
64255	ZM_128_A2_H08	ZM_128_A2_H08_T7C	
64256	ZM_128_A2_H08		ZM_128_A2_H08_MR
64257	ZM_128_A2_H09		ZM_128_A2_H09_MR
64258	ZM_128_A2_H10	ZM_128_A2_H10_T7C	
64259	ZM_128_A2_H10		ZM_128_A2_H10_MR
64260	ZM_128_A2_H11	ZM_128_A2_H11_T7C	
64261	ZM_128_A2_H11		ZM_128_A2_H11_MR
64262	ZM_128_A2_H12	ZM_128_A2_H12_T7C	
64263	ZM_128_A2_H12		ZM_128_A2_H12_MR
64264	ZM_128_B1_A12	ZM_128_B1_A12_T7C	
64265	ZM_128_B1_F12	ZM_128_B1_F12_T7C	
64266	ZM_128_B2_A02		ZM_128_B2_A02_MR
64267	ZM_128_B2_A03		ZM_128_B2_A03_MR
64268	ZM_128_B2_A05		ZM_128_B2_A05_MR
64269	ZM_128_B2_A06		ZM_128_B2_A06_MR
64270	ZM_128_B2_A07		ZM_128_B2_A07_MR
64271	ZM_128_B2_A08		ZM_128_B2_A08_MR
64272	ZM_128_B2_A10		ZM_128_B2_A10_MR
64273	ZM_128_B2_A11		ZM_128_B2_A11_MR
64274	ZM_128_B2_A12		ZM_128_B2_A12_MR
64275	ZM_128_B2_B01		ZM_128_B2_B01_MR
64276	ZM_128_B2_B02		ZM_128_B2_B02_MR
64277	ZM_128_B2_B03		ZM_128_B2_B03_MR
64278	ZM_128_B2_B04		ZM_128_B2_B04_MR
64279	ZM_128_B2_B05		ZM_128_B2_B05_MR
64280	ZM_128_B2_B06		ZM_128_B2_B06_MR
64281	ZM_128_B2_B07		ZM_128_B2_B07_MR
64282	ZM_128_B2_B08		ZM_128_B2_B08_MR
64283	ZM_128_B2_B09		ZM_128_B2_B09_MR
64284	ZM_128_B2_B10		ZM_128_B2_B10_MR
64285	ZM_128_B2_B11		ZM_128_B2_B11_MR
64286	ZM_128_B2_B12		ZM_128_B2_B12_MR
64287	ZM_128_B2_C01		ZM_128_B2_C01_MR
64288	ZM_128_B2_C02		ZM_128_B2_C02_MR
64289	ZM_128_B2_C03		ZM_128_B2_C03_MR
64290	ZM_128_B2_C04		ZM_128_B2_C04_MR
64291	ZM_128_B2_C05		ZM_128_B2_C05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64292	ZM_128_B2_C06		ZM_128_B2_C06_MR
64293	ZM_128_B2_C07		ZM_128_B2_C07_MR
64294	ZM_128_B2_C08		ZM_128_B2_C08_MR
64295	ZM_128_B2_C09		ZM_128_B2_C09_MR
64296	ZM_128_B2_C10		ZM_128_B2_C10_MR
64297	ZM_128_B2_C11		ZM_128_B2_C11_MR
64298	ZM_128_B2_C12		ZM_128_B2_C12_MR
64299	ZM_128_B2_D01		ZM_128_B2_D01_MR
64300	ZM_128_B2_D02		ZM_128_B2_D02_MR
64301	ZM_128_B2_D03		ZM_128_B2_D03_MR
64302	ZM_128_B2_D04		ZM_128_B2_D04_MR
64303	ZM_128_B2_D05		ZM_128_B2_D05_MR
64304	ZM_128_B2_D07		ZM_128_B2_D07_MR
64305	ZM_128_B2_D08		ZM_128_B2_D08_MR
64306	ZM_128_B2_D09		ZM_128_B2_D09_MR
64307	ZM_128_B2_D10		ZM_128_B2_D10_MR
64308	ZM_128_B2_D11		ZM_128_B2_D11_MR
64309	ZM_128_B2_D12		ZM_128_B2_D12_MR
64310	ZM_128_B2_E01		ZM_128_B2_E01_MR
64311	ZM_128_B2_E02		ZM_128_B2_E02_MR
64312	ZM_128_B2_E03		ZM_128_B2_E03_MR
64313	ZM_128_B2_E04		ZM_128_B2_E04_MR
64314	ZM_128_B2_E05		ZM_128_B2_E05_MR
64315	ZM_128_B2_E06		ZM_128_B2_E06_MR
64316	ZM_128_B2_E07		ZM_128_B2_E07_MR
64317	ZM_128_B2_E08		ZM_128_B2_E08_MR
64318	ZM_128_B2_E09		ZM_128_B2_E09_MR
64319	ZM_128_B2_E10		ZM_128_B2_E10_MR
64320	ZM_128_B2_E11		ZM_128_B2_E11_MR
64321	ZM_128_B2_E12		ZM_128_B2_E12_MR
64322	ZM_128_B2_F01		ZM_128_B2_F01_MR
64323	ZM_128_B2_F02		ZM_128_B2_F02_MR
64324	ZM_128_B2_F03		ZM_128_B2_F03_MR
64325	ZM_128_B2_F04		ZM_128_B2_F04_MR
64326	ZM_128_B2_F05		ZM_128_B2_F05_MR
64327	ZM_128_B2_F06		ZM_128_B2_F06_MR
64328	ZM_128_B2_F07		ZM_128_B2_F07_MR
64329	ZM_128_B2_F08		ZM_128_B2_F08_MR
64330	ZM_128_B2_F09		ZM_128_B2_F09_MR
64331	ZM_128_B2_F10		ZM_128_B2_F10_MR
64332	ZM_128_B2_F11		ZM_128_B2_F11_MR
64333	ZM_128_B2_G01		ZM_128_B2_G01_MR
64334	ZM_128_B2_G02		ZM_128_B2_G02_MR
64335	ZM_128_B2_G03		ZM_128_B2_G03_MR
64336	ZM_128_B2_G04		ZM_128_B2_G04_MR
64337	ZM_128_B2_G05		ZM_128_B2_G05_MR
64338	ZM_128_B2_G06		ZM_128_B2_G06_MR
64339	ZM_128_B2_G07		ZM_128_B2_G07_MR
64340	ZM_128_B2_G08		ZM_128_B2_G08_MR
64341	ZM_128_B2_G09		ZM_128_B2_G09_MR
64342	ZM_128_B2_G10		ZM_128_B2_G10_MR
64343	ZM_128_B2_G11		ZM_128_B2_G11_MR
64344	ZM_128_B2_G12		ZM_128_B2_G12_MR
64345	ZM_128_B2_H01		ZM_128_B2_H01_MR
64346	ZM_128_B2_H02		ZM_128_B2_H02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64347	ZM_128_B2_H03		ZM_128_B2_H03_MR
64348	ZM_128_B2_H04		ZM_128_B2_H04_MR
64349	ZM_128_B2_H05		ZM_128_B2_H05_MR
64350	ZM_128_B2_H07		ZM_128_B2_H07_MR
64351	ZM_128_B2_H08		ZM_128_B2_H08_MR
64352	ZM_128_B2_H09		ZM_128_B2_H09_MR
64353	ZM_128_B2_H10		ZM_128_B2_H10_MR
64354	ZM_128_B2_H11		ZM_128_B2_H11_MR
64355	ZM_128_B2_H12		ZM_128_B2_H12_MR
64356	ZM_129_A2_A03		ZM_129_A2_A03_MR
64357	ZM_129_A2_A04		ZM_129_A2_A04_MR
64358	ZM_129_A2_A07		ZM_129_A2_A07_MR
64359	ZM_129_A2_A09		ZM_129_A2_A09_MR
64360	ZM_129_A2_A10		ZM_129_A2_A10_MR
64361	ZM_129_A2_A11		ZM_129_A2_A11_MR
64362	ZM_129_A2_A12		ZM_129_A2_A12_MR
64363	ZM_129_A2_B01		ZM_129_A2_B01_MR
64364	ZM_129_A2_B02		ZM_129_A2_B02_MR
64365	ZM_129_A2_B03		ZM_129_A2_B03_MR
64366	ZM_129_A2_B04		ZM_129_A2_B04_MR
64367	ZM_129_A2_B05		ZM_129_A2_B05_MR
64368	ZM_129_A2_B06		ZM_129_A2_B06_MR
64369	ZM_129_A2_B07		ZM_129_A2_B07_MR
64370	ZM_129_A2_B08		ZM_129_A2_B08_MR
64371	ZM_129_A2_B09		ZM_129_A2_B09_MR
64372	ZM_129_A2_B10		ZM_129_A2_B10_MR
64373	ZM_129_A2_B11		ZM_129_A2_B11_MR
64374	ZM_129_A2_B12		ZM_129_A2_B12_MR
64375	ZM_129_A2_C01		ZM_129_A2_C01_MR
64376	ZM_129_A2_C03		ZM_129_A2_C03_MR
64377	ZM_129_A2_C04		ZM_129_A2_C04_MR
64378	ZM_129_A2_C05		ZM_129_A2_C05_MR
64379	ZM_129_A2_C06		ZM_129_A2_C06_MR
64380	ZM_129_A2_C07		ZM_129_A2_C07_MR
64381	ZM_129_A2_C08		ZM_129_A2_C08_MR
64382	ZM_129_A2_C09		ZM_129_A2_C09_MR
64383	ZM_129_A2_C10		ZM_129_A2_C10_MR
64384	ZM_129_A2_C11		ZM_129_A2_C11_MR
64385	ZM_129_A2_C12		ZM_129_A2_C12_MR
64386	ZM_129_A2_D01		ZM_129_A2_D01_MR
64387	ZM_129_A2_D02		ZM_129_A2_D02_MR
64388	ZM_129_A2_D03		ZM_129_A2_D03_MR
64389	ZM_129_A2_D04		ZM_129_A2_D04_MR
64390	ZM_129_A2_D05		ZM_129_A2_D05_MR
64391	ZM_129_A2_D06		ZM_129_A2_D06_MR
64392	ZM_129_A2_D07		ZM_129_A2_D07_MR
64393	ZM_129_A2_D08		ZM_129_A2_D08_MR
64394	ZM_129_A2_D09		ZM_129_A2_D09_MR
64395	ZM_129_A2_D10		ZM_129_A2_D10_MR
64396	ZM_129_A2_D11		ZM_129_A2_D11_MR
64397	ZM_129_A2_D12		ZM_129_A2_D12_MR
64398	ZM_129_A2_E01		ZM_129_A2_E01_MR
64399	ZM_129_A2_E02		ZM_129_A2_E02_MR
64400	ZM_129_A2_E04		ZM_129_A2_E04_MR
64401	ZM_129_A2_E05		ZM_129_A2_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64402	ZM_129_A2_E06		ZM_129_A2_E06_MR
64403	ZM_129_A2_E07		ZM_129_A2_E07_MR
64404	ZM_129_A2_E08		ZM_129_A2_E08_MR
64405	ZM_129_A2_E10		ZM_129_A2_E10_MR
64406	ZM_129_A2_E11		ZM_129_A2_E11_MR
64407	ZM_129_A2_E12		ZM_129_A2_E12_MR
64408	ZM_129_A2_F01		ZM_129_A2_F01_MR
64409	ZM_129_A2_F02		ZM_129_A2_F02_MR
64410	ZM_129_A2_F03		ZM_129_A2_F03_MR
64411	ZM_129_A2_F04		ZM_129_A2_F04_MR
64412	ZM_129_A2_F05		ZM_129_A2_F05_MR
64413	ZM_129_A2_F07		ZM_129_A2_F07_MR
64414	ZM_129_A2_F08		ZM_129_A2_F08_MR
64415	ZM_129_A2_F09		ZM_129_A2_F09_MR
64416	ZM_129_A2_F10		ZM_129_A2_F10_MR
64417	ZM_129_A2_F11		ZM_129_A2_F11_MR
64418	ZM_129_A2_F12		ZM_129_A2_F12_MR
64419	ZM_129_A2_G01		ZM_129_A2_G01_MR
64420	ZM_129_A2_G04		ZM_129_A2_G04_MR
64421	ZM_129_A2_G05		ZM_129_A2_G05_MR
64422	ZM_129_A2_G06		ZM_129_A2_G06_MR
64423	ZM_129_A2_G07		ZM_129_A2_G07_MR
64424	ZM_129_A2_G08		ZM_129_A2_G08_MR
64425	ZM_129_A2_G09		ZM_129_A2_G09_MR
64426	ZM_129_A2_G10		ZM_129_A2_G10_MR
64427	ZM_129_A2_G11		ZM_129_A2_G11_MR
64428	ZM_129_A2_H01		ZM_129_A2_H01_MR
64429	ZM_129_A2_H02		ZM_129_A2_H02_MR
64430	ZM_129_A2_H04		ZM_129_A2_H04_MR
64431	ZM_129_A2_H05		ZM_129_A2_H05_MR
64432	ZM_129_A2_H06		ZM_129_A2_H06_MR
64433	ZM_129_A2_H07		ZM_129_A2_H07_MR
64434	ZM_129_A2_H08		ZM_129_A2_H08_MR
64435	ZM_129_A2_H09		ZM_129_A2_H09_MR
64436	ZM_129_A2_H10		ZM_129_A2_H10_MR
64437	ZM_129_A2_H11		ZM_129_A2_H11_MR
64438	ZM_129_A2_H12		ZM_129_A2_H12_MR
64439	ZM_129_B2_A01		ZM_129_B2_A01_MR
64440	ZM_129_B2_A02		ZM_129_B2_A02_MR
64441	ZM_129_B2_A03		ZM_129_B2_A03_MR
64442	ZM_129_B2_A04		ZM_129_B2_A04_MR
64443	ZM_129_B2_A05		ZM_129_B2_A05_MR
64444	ZM_129_B2_A06		ZM_129_B2_A06_MR
64445	ZM_129_B2_A07		ZM_129_B2_A07_MR
64446	ZM_129_B2_A08		ZM_129_B2_A08_MR
64447	ZM_129_B2_A09		ZM_129_B2_A09_MR
64448	ZM_129_B2_A10		ZM_129_B2_A10_MR
64449	ZM_129_B2_A11		ZM_129_B2_A11_MR
64450	ZM_129_B2_A12		ZM_129_B2_A12_MR
64451	ZM_129_B2_B01		ZM_129_B2_B01_MR
64452	ZM_129_B2_B03		ZM_129_B2_B03_MR
64453	ZM_129_B2_B04		ZM_129_B2_B04_MR
64454	ZM_129_B2_B05		ZM_129_B2_B05_MR
64455	ZM_129_B2_B06		ZM_129_B2_B06_MR
64456	ZM_129_B2_B07		ZM_129_B2_B07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64457	ZM_129_B2_B08		ZM_129_B2_B08_MR
64458	ZM_129_B2_B09		ZM_129_B2_B09_MR
64459	ZM_129_B2_B10		ZM_129_B2_B10_MR
64460	ZM_129_B2_B11		ZM_129_B2_B11_MR
64461	ZM_129_B2_B12		ZM_129_B2_B12_MR
64462	ZM_129_B2_C01		ZM_129_B2_C01_MR
64463	ZM_129_B2_C02		ZM_129_B2_C02_MR
64464	ZM_129_B2_C03		ZM_129_B2_C03_MR
64465	ZM_129_B2_C04		ZM_129_B2_C04_MR
64466	ZM_129_B2_C05		ZM_129_B2_C05_MR
64467	ZM_129_B2_C06		ZM_129_B2_C06_MR
64468	ZM_129_B2_C07		ZM_129_B2_C07_MR
64469	ZM_129_B2_C08		ZM_129_B2_C08_MR
64470	ZM_129_B2_C09		ZM_129_B2_C09_MR
64471	ZM_129_B2_C10		ZM_129_B2_C10_MR
64472	ZM_129_B2_C12		ZM_129_B2_C12_MR
64473	ZM_129_B2_D01		ZM_129_B2_D01_MR
64474	ZM_129_B2_D02		ZM_129_B2_D02_MR
64475	ZM_129_B2_D03		ZM_129_B2_D03_MR
64476	ZM_129_B2_D04		ZM_129_B2_D04_MR
64477	ZM_129_B2_D05		ZM_129_B2_D05_MR
64478	ZM_129_B2_D06		ZM_129_B2_D06_MR
64479	ZM_129_B2_D07		ZM_129_B2_D07_MR
64480	ZM_129_B2_D08		ZM_129_B2_D08_MR
64481	ZM_129_B2_D09		ZM_129_B2_D09_MR
64482	ZM_129_B2_D10		ZM_129_B2_D10_MR
64483	ZM_129_B2_D11		ZM_129_B2_D11_MR
64484	ZM_129_B2_D12		ZM_129_B2_D12_MR
64485	ZM_129_B2_E01		ZM_129_B2_E01_MR
64486	ZM_129_B2_E02		ZM_129_B2_E02_MR
64487	ZM_129_B2_E03		ZM_129_B2_E03_MR
64488	ZM_129_B2_E04		ZM_129_B2_E04_MR
64489	ZM_129_B2_E07		ZM_129_B2_E07_MR
64490	ZM_129_B2_E08		ZM_129_B2_E08_MR
64491	ZM_129_B2_E09		ZM_129_B2_E09_MR
64492	ZM_129_B2_E10		ZM_129_B2_E10_MR
64493	ZM_129_B2_E11		ZM_129_B2_E11_MR
64494	ZM_129_B2_E12		ZM_129_B2_E12_MR
64495	ZM_129_B2_F01		ZM_129_B2_F01_MR
64496	ZM_129_B2_F02		ZM_129_B2_F02_MR
64497	ZM_129_B2_F03		ZM_129_B2_F03_MR
64498	ZM_129_B2_F04		ZM_129_B2_F04_MR
64499	ZM_129_B2_F05		ZM_129_B2_F05_MR
64500	ZM_129_B2_F07		ZM_129_B2_F07_MR
64501	ZM_129_B2_F08		ZM_129_B2_F08_MR
64502	ZM_129_B2_F10		ZM_129_B2_F10_MR
64503	ZM_129_B2_F11		ZM_129_B2_F11_MR
64504	ZM_129_B2_F12		ZM_129_B2_F12_MR
64505	ZM_129_B2_G01		ZM_129_B2_G01_MR
64506	ZM_129_B2_G02		ZM_129_B2_G02_MR
64507	ZM_129_B2_G03		ZM_129_B2_G03_MR
64508	ZM_129_B2_G04		ZM_129_B2_G04_MR
64509	ZM_129_B2_G06		ZM_129_B2_G06_MR
64510	ZM_129_B2_G07		ZM_129_B2_G07_MR
64511	ZM_129_B2_G08		ZM_129_B2_G08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64512	ZM_129_B2_G10		ZM_129_B2_G10_MR
64513	ZM_129_B2_G11		ZM_129_B2_G11_MR
64514	ZM_129_B2_G12		ZM_129_B2_G12_MR
64515	ZM_129_B2_H01		ZM_129_B2_H01_MR
64516	ZM_129_B2_H02		ZM_129_B2_H02_MR
64517	ZM_129_B2_H03		ZM_129_B2_H03_MR
64518	ZM_129_B2_H04		ZM_129_B2_H04_MR
64519	ZM_129_B2_H05		ZM_129_B2_H05_MR
64520	ZM_129_B2_H06		ZM_129_B2_H06_MR
64521	ZM_129_B2_H07		ZM_129_B2_H07_MR
64522	ZM_129_B2_H08		ZM_129_B2_H08_MR
64523	ZM_129_B2_H09		ZM_129_B2_H09_MR
64524	ZM_129_B2_H10		ZM_129_B2_H10_MR
64525	ZM_129_B2_H11		ZM_129_B2_H11_MR
64526	ZM_129_B2_H12		ZM_129_B2_H12_MR
64527	ZM_130_A1_A02	ZM_130_A1_A02_T7C	
64528	ZM_130_A1_A04	ZM_130_A1_A04_T7C	
64529	ZM_130_A1_A07	ZM_130_A1_A07_T7C	
64530	ZM_130_A1_A10	ZM_130_A1_A10_T7C	
64531	ZM_130_A1_A11	ZM_130_A1_A11_T7C	
64532	ZM_130_A1_A12	ZM_130_A1_A12_T7C	
64533	ZM_130_A1_B01	ZM_130_A1_B01_T7C	
64534	ZM_130_A1_B02	ZM_130_A1_B02_T7C	
64535	ZM_130_A1_B03	ZM_130_A1_B03_T7C	
64536	ZM_130_A1_B04	ZM_130_A1_B04_T7C	
64537	ZM_130_A1_B05	ZM_130_A1_B05_T7C	
64538	ZM_130_A1_B06	ZM_130_A1_B06_T7C	
64539	ZM_130_A1_B07	ZM_130_A1_B07_T7C	
64540	ZM_130_A1_B09	ZM_130_A1_B09_T7C	
64541	ZM_130_A1_B10	ZM_130_A1_B10_T7C	
64542	ZM_130_A1_B12	ZM_130_A1_B12_T7C	
64543	ZM_130_A1_C01	ZM_130_A1_C01_T7C	
64544	ZM_130_A1_C02	ZM_130_A1_C02_T7C	
64545	ZM_130_A1_C04	ZM_130_A1_C04_T7C	
64546	ZM_130_A1_C05	ZM_130_A1_C05_T7C	
64547	ZM_130_A1_C06	ZM_130_A1_C06_T7C	
64548	ZM_130_A1_C07	ZM_130_A1_C07_T7C	
64549	ZM_130_A1_C08	ZM_130_A1_C08_T7C	
64550	ZM_130_A1_C09	ZM_130_A1_C09_T7C	
64551	ZM_130_A1_C10	ZM_130_A1_C10_T7C	
64552	ZM_130_A1_C12	ZM_130_A1_C12_T7C	
64553	ZM_130_A1_D01	ZM_130_A1_D01_T7C	
64554	ZM_130_A1_D02	ZM_130_A1_D02_T7C	
64555	ZM_130_A1_D03	ZM_130_A1_D03_T7C	
64556	ZM_130_A1_D04	ZM_130_A1_D04_T7C	
64557	ZM_130_A1_D06	ZM_130_A1_D06_T7C	
64558	ZM_130_A1_D07	ZM_130_A1_D07_T7C	
64559	ZM_130_A1_D08	ZM_130_A1_D08_T7C	
64560	ZM_130_A1_D09	ZM_130_A1_D09_T7C	
64561	ZM_130_A1_D10	ZM_130_A1_D10_T7C	
64562	ZM_130_A1_D11	ZM_130_A1_D11_T7C	
64563	ZM_130_A1_D12	ZM_130_A1_D12_T7C	
64564	ZM_130_A1_E01	ZM_130_A1_E01_T7C	
64565	ZM_130_A1_E02	ZM_130_A1_E02_T7C	
64566	ZM_130_A1_E03	ZM_130_A1_E03_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64567	ZM_130_A1_E04	ZM_130_A1_E04_T7C	
64568	ZM_130_A1_E06	ZM_130_A1_E06_T7C	
64569	ZM_130_A1_E07	ZM_130_A1_E07_T7C	
64570	ZM_130_A1_E08	ZM_130_A1_E08_T7C	
64571	ZM_130_A1_E10	ZM_130_A1_E10_T7C	
64572	ZM_130_A1_E11	ZM_130_A1_E11_T7C	
64573	ZM_130_A1_E12	ZM_130_A1_E12_T7C	
64574	ZM_130_A1_F01	ZM_130_A1_F01_T7C	
64575	ZM_130_A1_F03	ZM_130_A1_F03_T7C	
64576	ZM_130_A1_F04	ZM_130_A1_F04_T7C	
64577	ZM_130_A1_F06	ZM_130_A1_F06_T7C	
64578	ZM_130_A1_F07	ZM_130_A1_F07_T7C	
64579	ZM_130_A1_F08	ZM_130_A1_F08_T7C	
64580	ZM_130_A1_F10	ZM_130_A1_F10_T7C	
64581	ZM_130_A1_F12	ZM_130_A1_F12_T7C	
64582	ZM_130_A1_G01	ZM_130_A1_G01_T7C	
64583	ZM_130_A1_G02	ZM_130_A1_G02_T7C	
64584	ZM_130_A1_G04	ZM_130_A1_G04_T7C	
64585	ZM_130_A1_G05	ZM_130_A1_G05_T7C	
64586	ZM_130_A1_G06	ZM_130_A1_G06_T7C	
64587	ZM_130_A1_G07	ZM_130_A1_G07_T7C	
64588	ZM_130_A1_G08	ZM_130_A1_G08_T7C	
64589	ZM_130_A1_G10	ZM_130_A1_G10_T7C	
64590	ZM_130_A1_G11	ZM_130_A1_G11_T7C	
64591	ZM_130_A1_G12	ZM_130_A1_G12_T7C	
64592	ZM_130_A1_H01	ZM_130_A1_H01_T7C	
64593	ZM_130_A1_H02	ZM_130_A1_H02_T7C	
64594	ZM_130_A1_H04	ZM_130_A1_H04_T7C	
64595	ZM_130_A1_H06	ZM_130_A1_H06_T7C	
64596	ZM_130_A1_H07	ZM_130_A1_H07_T7C	
64597	ZM_130_A1_H08	ZM_130_A1_H08_T7C	
64598	ZM_130_A1_H09	ZM_130_A1_H09_T7C	
64599	ZM_130_A1_H10	ZM_130_A1_H10_T7C	
64600	ZM_130_A1_H11	ZM_130_A1_H11_T7C	
64601	ZM_130_A1_H12	ZM_130_A1_H12_T7C	
64602	ZM_130_A2_A02	ZM_130_A2_A02_T7C	
64603	ZM_130_A2_A02		ZM_130_A2_A02_MR
64604	ZM_130_A2_A03	ZM_130_A2_A03_T7C	
64605	ZM_130_A2_A03		ZM_130_A2_A03_MR
64606	ZM_130_A2_A04	ZM_130_A2_A04_T7C	
64607	ZM_130_A2_A05	ZM_130_A2_A05_T7C	
64608	ZM_130_A2_A05		ZM_130_A2_A05_MR
64609	ZM_130_A2_A06	ZM_130_A2_A06_T7C	
64610	ZM_130_A2_A06		ZM_130_A2_A06_MR
64611	ZM_130_A2_A08	ZM_130_A2_A08_T7C	
64612	ZM_130_A2_A08		ZM_130_A2_A08_MR
64613	ZM_130_A2_A09	ZM_130_A2_A09_T7C	
64614	ZM_130_A2_A09		ZM_130_A2_A09_MR
64615	ZM_130_A2_A10	ZM_130_A2_A10_T7C	
64616	ZM_130_A2_A10		ZM_130_A2_A10_MR
64617	ZM_130_A2_A11	ZM_130_A2_A11_T7C	
64618	ZM_130_A2_A11		ZM_130_A2_A11_MR
64619	ZM_130_A2_A12	ZM_130_A2_A12_T7C	
64620	ZM_130_A2_B01	ZM_130_A2_B01_T7C	
64621	ZM_130_A2_B01		ZM_130_A2_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64622	ZM_130_A2_B02	ZM_130_A2_B02_T7C	
64623	ZM_130_A2_B02		ZM_130_A2_B02_MR
64624	ZM_130_A2_B03	ZM_130_A2_B03_T7C	
64625	ZM_130_A2_B03		ZM_130_A2_B03_MR
64626	ZM_130_A2_B04	ZM_130_A2_B04_T7C	
64627	ZM_130_A2_B04		ZM_130_A2_B04_MR
64628	ZM_130_A2_B05	ZM_130_A2_B05_T7C	
64629	ZM_130_A2_B05		ZM_130_A2_B05_MR
64630	ZM_130_A2_B07	ZM_130_A2_B07_T7C	
64631	ZM_130_A2_B08	ZM_130_A2_B08_T7C	
64632	ZM_130_A2_B08		ZM_130_A2_B08_MR
64633	ZM_130_A2_B09	ZM_130_A2_B09_T7C	
64634	ZM_130_A2_B09		ZM_130_A2_B09_MR
64635	ZM_130_A2_B11	ZM_130_A2_B11_T7C	
64636	ZM_130_A2_C01	ZM_130_A2_C01_T7C	
64637	ZM_130_A2_C01		ZM_130_A2_C01_MR
64638	ZM_130_A2_C02	ZM_130_A2_C02_T7C	
64639	ZM_130_A2_C02		ZM_130_A2_C02_MR
64640	ZM_130_A2_C03	ZM_130_A2_C03_T7C	
64641	ZM_130_A2_C03		ZM_130_A2_C03_MR
64642	ZM_130_A2_C04	ZM_130_A2_C04_T7C	
64643	ZM_130_A2_C04		ZM_130_A2_C04_MR
64644	ZM_130_A2_C05	ZM_130_A2_C05_T7C	
64645	ZM_130_A2_C05		ZM_130_A2_C05_MR
64646	ZM_130_A2_C06	ZM_130_A2_C06_T7C	
64647	ZM_130_A2_C06		ZM_130_A2_C06_MR
64648	ZM_130_A2_C07	ZM_130_A2_C07_T7C	
64649	ZM_130_A2_C07		ZM_130_A2_C07_MR
64650	ZM_130_A2_C08	ZM_130_A2_C08_T7C	
64651	ZM_130_A2_C08		ZM_130_A2_C08_MR
64652	ZM_130_A2_C09	ZM_130_A2_C09_T7C	
64653	ZM_130_A2_C09		ZM_130_A2_C09_MR
64654	ZM_130_A2_C10	ZM_130_A2_C10_T7C	
64655	ZM_130_A2_C10		ZM_130_A2_C10_MR
64656	ZM_130_A2_C11	ZM_130_A2_C11_T7C	
64657	ZM_130_A2_C11		ZM_130_A2_C11_MR
64658	ZM_130_A2_C12		ZM_130_A2_C12_MR
64659	ZM_130_A2_D01	ZM_130_A2_D01_T7C	
64660	ZM_130_A2_D01		ZM_130_A2_D01_MR
64661	ZM_130_A2_D02	ZM_130_A2_D02_T7C	
64662	ZM_130_A2_D02		ZM_130_A2_D02_MR
64663	ZM_130_A2_D04	ZM_130_A2_D04_T7C	
64664	ZM_130_A2_D04		ZM_130_A2_D04_MR
64665	ZM_130_A2_D05	ZM_130_A2_D05_T7C	
64666	ZM_130_A2_D05		ZM_130_A2_D05_MR
64667	ZM_130_A2_D06	ZM_130_A2_D06_T7C	
64668	ZM_130_A2_D06		ZM_130_A2_D06_MR
64669	ZM_130_A2_D07	ZM_130_A2_D07_T7C	
64670	ZM_130_A2_D07		ZM_130_A2_D07_MR
64671	ZM_130_A2_D08	ZM_130_A2_D08_T7C	
64672	ZM_130_A2_D08		ZM_130_A2_D08_MR
64673	ZM_130_A2_D09	ZM_130_A2_D09_T7C	
64674	ZM_130_A2_D09		ZM_130_A2_D09_MR
64675	ZM_130_A2_D10	ZM_130_A2_D10_T7C	
64676	ZM_130_A2_D10		ZM_130_A2_D10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64677	ZM_130_A2_D11	ZM_130_A2_D11_T7C	
64678	ZM_130_A2_D11		ZM_130_A2_D11_MR
64679	ZM_130_A2_D12	ZM_130_A2_D12_T7C	
64680	ZM_130_A2_D12		ZM_130_A2_D12_MR
64681	ZM_130_A2_E01	ZM_130_A2_E01_T7C	
64682	ZM_130_A2_E01		ZM_130_A2_E01_MR
64683	ZM_130_A2_E02	ZM_130_A2_E02_T7C	
64684	ZM_130_A2_E02		ZM_130_A2_E02_MR
64685	ZM_130_A2_E03	ZM_130_A2_E03_T7C	
64686	ZM_130_A2_E03		ZM_130_A2_E03_MR
64687	ZM_130_A2_E04	ZM_130_A2_E04_T7C	
64688	ZM_130_A2_E04		ZM_130_A2_E04_MR
64689	ZM_130_A2_E05	ZM_130_A2_E05_T7C	
64690	ZM_130_A2_E05		ZM_130_A2_E05_MR
64691	ZM_130_A2_E06	ZM_130_A2_E06_T7C	
64692	ZM_130_A2_E06		ZM_130_A2_E06_MR
64693	ZM_130_A2_E07	ZM_130_A2_E07_T7C	
64694	ZM_130_A2_E07		ZM_130_A2_E07_MR
64695	ZM_130_A2_E08	ZM_130_A2_E08_T7C	
64696	ZM_130_A2_E08		ZM_130_A2_E08_MR
64697	ZM_130_A2_E09	ZM_130_A2_E09_T7C	
64698	ZM_130_A2_E09		ZM_130_A2_E09_MR
64699	ZM_130_A2_E10	ZM_130_A2_E10_T7C	
64700	ZM_130_A2_E10		ZM_130_A2_E10_MR
64701	ZM_130_A2_E11	ZM_130_A2_E11_T7C	
64702	ZM_130_A2_E11		ZM_130_A2_E11_MR
64703	ZM_130_A2_E12	ZM_130_A2_E12_T7C	
64704	ZM_130_A2_E12		ZM_130_A2_E12_MR
64705	ZM_130_A2_F01	ZM_130_A2_F01_T7C	
64706	ZM_130_A2_F01		ZM_130_A2_F01_MR
64707	ZM_130_A2_F02	ZM_130_A2_F02_T7C	
64708	ZM_130_A2_F02		ZM_130_A2_F02_MR
64709	ZM_130_A2_F03	ZM_130_A2_F03_T7C	
64710	ZM_130_A2_F03		ZM_130_A2_F03_MR
64711	ZM_130_A2_F04	ZM_130_A2_F04_T7C	
64712	ZM_130_A2_F04		ZM_130_A2_F04_MR
64713	ZM_130_A2_F05		ZM_130_A2_F05_MR
64714	ZM_130_A2_F06	ZM_130_A2_F06_T7C	
64715	ZM_130_A2_F06		ZM_130_A2_F06_MR
64716	ZM_130_A2_F07	ZM_130_A2_F07_T7C	
64717	ZM_130_A2_F07		ZM_130_A2_F07_MR
64718	ZM_130_A2_F08	ZM_130_A2_F08_T7C	
64719	ZM_130_A2_F08		ZM_130_A2_F08_MR
64720	ZM_130_A2_F09	ZM_130_A2_F09_T7C	
64721	ZM_130_A2_F09		ZM_130_A2_F09_MR
64722	ZM_130_A2_F10	ZM_130_A2_F10_T7C	
64723	ZM_130_A2_F10		ZM_130_A2_F10_MR
64724	ZM_130_A2_F11	ZM_130_A2_F11_T7C	
64725	ZM_130_A2_F11		ZM_130_A2_F11_MR
64726	ZM_130_A2_F12		ZM_130_A2_F12_MR
64727	ZM_130_A2_G01		ZM_130_A2_G01_MR
64728	ZM_130_A2_G02	ZM_130_A2_G02_T7C	
64729	ZM_130_A2_G02		ZM_130_A2_G02_MR
64730	ZM_130_A2_G03	ZM_130_A2_G03_T7C	
64731	ZM_130_A2_G03		ZM_130_A2_G03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64732	ZM_130_A2_G04	ZM_130_A2_G04_T7C	
64733	ZM_130_A2_G04		ZM_130_A2_G04_MR
64734	ZM_130_A2_G05	ZM_130_A2_G05_T7C	
64735	ZM_130_A2_G05		ZM_130_A2_G05_MR
64736	ZM_130_A2_G06	ZM_130_A2_G06_T7C	
64737	ZM_130_A2_G06		ZM_130_A2_G06_MR
64738	ZM_130_A2_G07	ZM_130_A2_G07_T7C	
64739	ZM_130_A2_G07		ZM_130_A2_G07_MR
64740	ZM_130_A2_G08	ZM_130_A2_G08_T7C	
64741	ZM_130_A2_G08		ZM_130_A2_G08_MR
64742	ZM_130_A2_G09	ZM_130_A2_G09_T7C	
64743	ZM_130_A2_G09		ZM_130_A2_G09_MR
64744	ZM_130_A2_G10	ZM_130_A2_G10_T7C	
64745	ZM_130_A2_G10		ZM_130_A2_G10_MR
64746	ZM_130_A2_G11	ZM_130_A2_G11_T7C	
64747	ZM_130_A2_G11		ZM_130_A2_G11_MR
64748	ZM_130_A2_G12	ZM_130_A2_G12_T7C	
64749	ZM_130_A2_G12		ZM_130_A2_G12_MR
64750	ZM_130_A2_H01	ZM_130_A2_H01_T7C	
64751	ZM_130_A2_H01		ZM_130_A2_H01_MR
64752	ZM_130_A2_H02	ZM_130_A2_H02_T7C	
64753	ZM_130_A2_H02		ZM_130_A2_H02_MR
64754	ZM_130_A2_H03	ZM_130_A2_H03_T7C	
64755	ZM_130_A2_H03		ZM_130_A2_H03_MR
64756	ZM_130_A2_H04	ZM_130_A2_H04_T7C	
64757	ZM_130_A2_H04		ZM_130_A2_H04_MR
64758	ZM_130_A2_H05	ZM_130_A2_H05_T7C	
64759	ZM_130_A2_H05		ZM_130_A2_H05_MR
64760	ZM_130_A2_H06	ZM_130_A2_H06_T7C	
64761	ZM_130_A2_H06		ZM_130_A2_H06_MR
64762	ZM_130_A2_H07	ZM_130_A2_H07_T7C	
64763	ZM_130_A2_H07		ZM_130_A2_H07_MR
64764	ZM_130_A2_H08	ZM_130_A2_H08_T7C	
64765	ZM_130_A2_H08		ZM_130_A2_H08_MR
64766	ZM_130_A2_H09	ZM_130_A2_H09_T7C	
64767	ZM_130_A2_H09		ZM_130_A2_H09_MR
64768	ZM_130_A2_H10	ZM_130_A2_H10_T7C	
64769	ZM_130_A2_H10		ZM_130_A2_H10_MR
64770	ZM_130_A2_H11		ZM_130_A2_H11_MR
64771	ZM_130_A2_H12	ZM_130_A2_H12_T7C	
64772	ZM_130_A2_H12		ZM_130_A2_H12_MR
64773	ZM_130_B2_A01		ZM_130_B2_A01_MR
64774	ZM_130_B2_A02		ZM_130_B2_A02_MR
64775	ZM_130_B2_A03		ZM_130_B2_A03_MR
64776	ZM_130_B2_A04		ZM_130_B2_A04_MR
64777	ZM_130_B2_A05		ZM_130_B2_A05_MR
64778	ZM_130_B2_A06		ZM_130_B2_A06_MR
64779	ZM_130_B2_A07		ZM_130_B2_A07_MR
64780	ZM_130_B2_A08		ZM_130_B2_A08_MR
64781	ZM_130_B2_A09		ZM_130_B2_A09_MR
64782	ZM_130_B2_A10		ZM_130_B2_A10_MR
64783	ZM_130_B2_A11		ZM_130_B2_A11_MR
64784	ZM_130_B2_A12		ZM_130_B2_A12_MR
64785	ZM_130_B2_B01		ZM_130_B2_B01_MR
64786	ZM_130_B2_B02		ZM_130_B2_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64787	ZM_130_B2_B03		ZM_130_B2_B03_MR
64788	ZM_130_B2_B04		ZM_130_B2_B04_MR
64789	ZM_130_B2_B05		ZM_130_B2_B05_MR
64790	ZM_130_B2_B06		ZM_130_B2_B06_MR
64791	ZM_130_B2_B07		ZM_130_B2_B07_MR
64792	ZM_130_B2_B08		ZM_130_B2_B08_MR
64793	ZM_130_B2_B09		ZM_130_B2_B09_MR
64794	ZM_130_B2_B10		ZM_130_B2_B10_MR
64795	ZM_130_B2_B11		ZM_130_B2_B11_MR
64796	ZM_130_B2_B12		ZM_130_B2_B12_MR
64797	ZM_130_B2_C01		ZM_130_B2_C01_MR
64798	ZM_130_B2_C02		ZM_130_B2_C02_MR
64799	ZM_130_B2_C03		ZM_130_B2_C03_MR
64800	ZM_130_B2_C04		ZM_130_B2_C04_MR
64801	ZM_130_B2_C05		ZM_130_B2_C05_MR
64802	ZM_130_B2_C06		ZM_130_B2_C06_MR
64803	ZM_130_B2_C07		ZM_130_B2_C07_MR
64804	ZM_130_B2_C08		ZM_130_B2_C08_MR
64805	ZM_130_B2_C09		ZM_130_B2_C09_MR
64806	ZM_130_B2_C10		ZM_130_B2_C10_MR
64807	ZM_130_B2_C11		ZM_130_B2_C11_MR
64808	ZM_130_B2_C12		ZM_130_B2_C12_MR
64809	ZM_130_B2_D01		ZM_130_B2_D01_MR
64810	ZM_130_B2_D02		ZM_130_B2_D02_MR
64811	ZM_130_B2_D04		ZM_130_B2_D04_MR
64812	ZM_130_B2_D05		ZM_130_B2_D05_MR
64813	ZM_130_B2_D07		ZM_130_B2_D07_MR
64814	ZM_130_B2_D08		ZM_130_B2_D08_MR
64815	ZM_130_B2_D09		ZM_130_B2_D09_MR
64816	ZM_130_B2_D10		ZM_130_B2_D10_MR
64817	ZM_130_B2_D11		ZM_130_B2_D11_MR
64818	ZM_130_B2_D12		ZM_130_B2_D12_MR
64819	ZM_130_B2_E01		ZM_130_B2_E01_MR
64820	ZM_130_B2_E02		ZM_130_B2_E02_MR
64821	ZM_130_B2_E03		ZM_130_B2_E03_MR
64822	ZM_130_B2_E04		ZM_130_B2_E04_MR
64823	ZM_130_B2_E05		ZM_130_B2_E05_MR
64824	ZM_130_B2_E07		ZM_130_B2_E07_MR
64825	ZM_130_B2_E08		ZM_130_B2_E08_MR
64826	ZM_130_B2_E10		ZM_130_B2_E10_MR
64827	ZM_130_B2_E11		ZM_130_B2_E11_MR
64828	ZM_130_B2_E12		ZM_130_B2_E12_MR
64829	ZM_130_B2_F01		ZM_130_B2_F01_MR
64830	ZM_130_B2_F02		ZM_130_B2_F02_MR
64831	ZM_130_B2_F03		ZM_130_B2_F03_MR
64832	ZM_130_B2_F04		ZM_130_B2_F04_MR
64833	ZM_130_B2_F05		ZM_130_B2_F05_MR
64834	ZM_130_B2_F06		ZM_130_B2_F06_MR
64835	ZM_130_B2_F07		ZM_130_B2_F07_MR
64836	ZM_130_B2_F08		ZM_130_B2_F08_MR
64837	ZM_130_B2_F09		ZM_130_B2_F09_MR
64838	ZM_130_B2_F10		ZM_130_B2_F10_MR
64839	ZM_130_B2_F11		ZM_130_B2_F11_MR
64840	ZM_130_B2_F12		ZM_130_B2_F12_MR
64841	ZM_130_B2_G01		ZM_130_B2_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64842	ZM_130_B2_G02		ZM_130_B2_G02_MR
64843	ZM_130_B2_G03		ZM_130_B2_G03_MR
64844	ZM_130_B2_G04		ZM_130_B2_G04_MR
64845	ZM_130_B2_G06		ZM_130_B2_G06_MR
64846	ZM_130_B2_G07		ZM_130_B2_G07_MR
64847	ZM_130_B2_G08		ZM_130_B2_G08_MR
64848	ZM_130_B2_G09		ZM_130_B2_G09_MR
64849	ZM_130_B2_G10		ZM_130_B2_G10_MR
64850	ZM_130_B2_G11		ZM_130_B2_G11_MR
64851	ZM_130_B2_G12		ZM_130_B2_G12_MR
64852	ZM_130_B2_H01		ZM_130_B2_H01_MR
64853	ZM_130_B2_H02		ZM_130_B2_H02_MR
64854	ZM_130_B2_H03		ZM_130_B2_H03_MR
64855	ZM_130_B2_H04		ZM_130_B2_H04_MR
64856	ZM_130_B2_H05		ZM_130_B2_H05_MR
64857	ZM_130_B2_H06		ZM_130_B2_H06_MR
64858	ZM_130_B2_H07		ZM_130_B2_H07_MR
64859	ZM_130_B2_H08		ZM_130_B2_H08_MR
64860	ZM_130_B2_H10		ZM_130_B2_H10_MR
64861	ZM_130_B2_H12		ZM_130_B2_H12_MR
64862	ZM_131_A1_A01	ZM_131_A1_A01_T7C	
64863	ZM_131_A1_A01		ZM_131_A1_A01_MR
64864	ZM_131_A1_A02	ZM_131_A1_A02_T7C	
64865	ZM_131_A1_A02		ZM_131_A1_A02_MR
64866	ZM_131_A1_A04	ZM_131_A1_A04_T7C	
64867	ZM_131_A1_A04		ZM_131_A1_A04_MR
64868	ZM_131_A1_A05	ZM_131_A1_A05_T7C	
64869	ZM_131_A1_A05		ZM_131_A1_A05_MR
64870	ZM_131_A1_A06	ZM_131_A1_A06_T7C	
64871	ZM_131_A1_A06		ZM_131_A1_A06_MR
64872	ZM_131_A1_A07		ZM_131_A1_A07_MR
64873	ZM_131_A1_A08	ZM_131_A1_A08_T7C	
64874	ZM_131_A1_A08		ZM_131_A1_A08_MR
64875	ZM_131_A1_A09	ZM_131_A1_A09_T7C	
64876	ZM_131_A1_A09		ZM_131_A1_A09_MR
64877	ZM_131_A1_A10	ZM_131_A1_A10_T7C	
64878	ZM_131_A1_A10		ZM_131_A1_A10_MR
64879	ZM_131_A1_A11	ZM_131_A1_A11_T7C	
64880	ZM_131_A1_A11		ZM_131_A1_A11_MR
64881	ZM_131_A1_A12	ZM_131_A1_A12_T7C	
64882	ZM_131_A1_A12		ZM_131_A1_A12_MR
64883	ZM_131_A1_B02	ZM_131_A1_B02_T7C	
64884	ZM_131_A1_B02		ZM_131_A1_B02_MR
64885	ZM_131_A1_B03	ZM_131_A1_B03_T7C	
64886	ZM_131_A1_B03		ZM_131_A1_B03_MR
64887	ZM_131_A1_B04	ZM_131_A1_B04_T7C	
64888	ZM_131_A1_B04		ZM_131_A1_B04_MR
64889	ZM_131_A1_B05	ZM_131_A1_B05_T7C	
64890	ZM_131_A1_B05		ZM_131_A1_B05_MR
64891	ZM_131_A1_B06	ZM_131_A1_B06_T7C	
64892	ZM_131_A1_B06		ZM_131_A1_B06_MR
64893	ZM_131_A1_B07		ZM_131_A1_B07_MR
64894	ZM_131_A1_B08	ZM_131_A1_B08_T7C	
64895	ZM_131_A1_B08		ZM_131_A1_B08_MR
64896	ZM_131_A1_B09	ZM_131_A1_B09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64897	ZM_131_A1_B09		ZM_131_A1_B09_MR
64898	ZM_131_A1_B10	ZM_131_A1_B10_T7C	
64899	ZM_131_A1_B10		ZM_131_A1_B10_MR
64900	ZM_131_A1_B11	ZM_131_A1_B11_T7C	
64901	ZM_131_A1_B11		ZM_131_A1_B11_MR
64902	ZM_131_A1_B12	ZM_131_A1_B12_T7C	
64903	ZM_131_A1_B12		ZM_131_A1_B12_MR
64904	ZM_131_A1_C01	ZM_131_A1_C01_T7C	
64905	ZM_131_A1_C01		ZM_131_A1_C01_MR
64906	ZM_131_A1_C02	ZM_131_A1_C02_T7C	
64907	ZM_131_A1_C02		ZM_131_A1_C02_MR
64908	ZM_131_A1_C03	ZM_131_A1_C03_T7C	
64909	ZM_131_A1_C03		ZM_131_A1_C03_MR
64910	ZM_131_A1_C04	ZM_131_A1_C04_T7C	
64911	ZM_131_A1_C04		ZM_131_A1_C04_MR
64912	ZM_131_A1_C05	ZM_131_A1_C05_T7C	
64913	ZM_131_A1_C05		ZM_131_A1_C05_MR
64914	ZM_131_A1_C06	ZM_131_A1_C06_T7C	
64915	ZM_131_A1_C06		ZM_131_A1_C06_MR
64916	ZM_131_A1_C07	ZM_131_A1_C07_T7C	
64917	ZM_131_A1_C07		ZM_131_A1_C07_MR
64918	ZM_131_A1_C08	ZM_131_A1_C08_T7C	
64919	ZM_131_A1_C08		ZM_131_A1_C08_MR
64920	ZM_131_A1_C09	ZM_131_A1_C09_T7C	
64921	ZM_131_A1_C10	ZM_131_A1_C10_T7C	
64922	ZM_131_A1_C10		ZM_131_A1_C10_MR
64923	ZM_131_A1_C11	ZM_131_A1_C11_T7C	
64924	ZM_131_A1_C11		ZM_131_A1_C11_MR
64925	ZM_131_A1_C12	ZM_131_A1_C12_T7C	
64926	ZM_131_A1_C12		ZM_131_A1_C12_MR
64927	ZM_131_A1_D01	ZM_131_A1_D01_T7C	
64928	ZM_131_A1_D01		ZM_131_A1_D01_MR
64929	ZM_131_A1_D02	ZM_131_A1_D02_T7C	
64930	ZM_131_A1_D02		ZM_131_A1_D02_MR
64931	ZM_131_A1_D03	ZM_131_A1_D03_T7C	
64932	ZM_131_A1_D03		ZM_131_A1_D03_MR
64933	ZM_131_A1_D04	ZM_131_A1_D04_T7C	
64934	ZM_131_A1_D04		ZM_131_A1_D04_MR
64935	ZM_131_A1_D05	ZM_131_A1_D05_T7C	
64936	ZM_131_A1_D05		ZM_131_A1_D05_MR
64937	ZM_131_A1_D06	ZM_131_A1_D06_T7C	
64938	ZM_131_A1_D06		ZM_131_A1_D06_MR
64939	ZM_131_A1_D07	ZM_131_A1_D07_T7C	
64940	ZM_131_A1_D07		ZM_131_A1_D07_MR
64941	ZM_131_A1_D08	ZM_131_A1_D08_T7C	
64942	ZM_131_A1_D08		ZM_131_A1_D08_MR
64943	ZM_131_A1_D09	ZM_131_A1_D09_T7C	
64944	ZM_131_A1_D09		ZM_131_A1_D09_MR
64945	ZM_131_A1_D10	ZM_131_A1_D10_T7C	
64946	ZM_131_A1_D10		ZM_131_A1_D10_MR
64947	ZM_131_A1_D11	ZM_131_A1_D11_T7C	
64948	ZM_131_A1_D11		ZM_131_A1_D11_MR
64949	ZM_131_A1_D12	ZM_131_A1_D12_T7C	
64950	ZM_131_A1_D12		ZM_131_A1_D12_MR
64951	ZM_131_A1_E01	ZM_131_A1_E01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
64952	ZM_131_A1_E01		ZM_131_A1_E01_MR
64953	ZM_131_A1_E02	ZM_131_A1_E02_T7C	
64954	ZM_131_A1_E02		ZM_131_A1_E02_MR
64955	ZM_131_A1_E03	ZM_131_A1_E03_T7C	
64956	ZM_131_A1_E03		ZM_131_A1_E03_MR
64957	ZM_131_A1_E04	ZM_131_A1_E04_T7C	
64958	ZM_131_A1_E05	ZM_131_A1_E05_T7C	
64959	ZM_131_A1_E05		ZM_131_A1_E05_MR
64960	ZM_131_A1_E06		ZM_131_A1_E06_MR
64961	ZM_131_A1_E07	ZM_131_A1_E07_T7C	
64962	ZM_131_A1_E07		ZM_131_A1_E07_MR
64963	ZM_131_A1_E08	ZM_131_A1_E08_T7C	
64964	ZM_131_A1_E08		ZM_131_A1_E08_MR
64965	ZM_131_A1_E09	ZM_131_A1_E09_T7C	
64966	ZM_131_A1_E09		ZM_131_A1_E09_MR
64967	ZM_131_A1_E10	ZM_131_A1_E10_T7C	
64968	ZM_131_A1_E10		ZM_131_A1_E10_MR
64969	ZM_131_A1_E11	ZM_131_A1_E11_T7C	
64970	ZM_131_A1_E11		ZM_131_A1_E11_MR
64971	ZM_131_A1_E12	ZM_131_A1_E12_T7C	
64972	ZM_131_A1_E12		ZM_131_A1_E12_MR
64973	ZM_131_A1_F01	ZM_131_A1_F01_T7C	
64974	ZM_131_A1_F01		ZM_131_A1_F01_MR
64975	ZM_131_A1_F02	ZM_131_A1_F02_T7C	
64976	ZM_131_A1_F02		ZM_131_A1_F02_MR
64977	ZM_131_A1_F03	ZM_131_A1_F03_T7C	
64978	ZM_131_A1_F03		ZM_131_A1_F03_MR
64979	ZM_131_A1_F04	ZM_131_A1_F04_T7C	
64980	ZM_131_A1_F04		ZM_131_A1_F04_MR
64981	ZM_131_A1_F06	ZM_131_A1_F06_T7C	
64982	ZM_131_A1_F06		ZM_131_A1_F06_MR
64983	ZM_131_A1_F07	ZM_131_A1_F07_T7C	
64984	ZM_131_A1_F07		ZM_131_A1_F07_MR
64985	ZM_131_A1_F08	ZM_131_A1_F08_T7C	
64986	ZM_131_A1_F08		ZM_131_A1_F08_MR
64987	ZM_131_A1_F09	ZM_131_A1_F09_T7C	
64988	ZM_131_A1_F09		ZM_131_A1_F09_MR
64989	ZM_131_A1_F10	ZM_131_A1_F10_T7C	
64990	ZM_131_A1_F10		ZM_131_A1_F10_MR
64991	ZM_131_A1_F11		ZM_131_A1_F11_MR
64992	ZM_131_A1_F12	ZM_131_A1_F12_T7C	
64993	ZM_131_A1_F12		ZM_131_A1_F12_MR
64994	ZM_131_A1_G01	ZM_131_A1_G01_T7C	
64995	ZM_131_A1_G01		ZM_131_A1_G01_MR
64996	ZM_131_A1_G02	ZM_131_A1_G02_T7C	
64997	ZM_131_A1_G02		ZM_131_A1_G02_MR
64998	ZM_131_A1_G03	ZM_131_A1_G03_T7C	
64999	ZM_131_A1_G03		ZM_131_A1_G03_MR
65000	ZM_131_A1_G04	ZM_131_A1_G04_T7C	
65001	ZM_131_A1_G04		ZM_131_A1_G04_MR
65002	ZM_131_A1_G05	ZM_131_A1_G05_T7C	
65003	ZM_131_A1_G05		ZM_131_A1_G05_MR
65004	ZM_131_A1_G06	ZM_131_A1_G06_T7C	
65005	ZM_131_A1_G06		ZM_131_A1_G06_MR
65006	ZM_131_A1_G07	ZM_131_A1_G07_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65007	ZM_131_A1_G07		ZM_131_A1_G07_MR
65008	ZM_131_A1_G08	ZM_131_A1_G08_T7C	
65009	ZM_131_A1_G08		ZM_131_A1_G08_MR
65010	ZM_131_A1_G09	ZM_131_A1_G09_T7C	
65011	ZM_131_A1_G10	ZM_131_A1_G10_T7C	
65012	ZM_131_A1_G10		ZM_131_A1_G10_MR
65013	ZM_131_A1_G11	ZM_131_A1_G11_T7C	
65014	ZM_131_A1_G11		ZM_131_A1_G11_MR
65015	ZM_131_A1_G12	ZM_131_A1_G12_T7C	
65016	ZM_131_A1_G12		ZM_131_A1_G12_MR
65017	ZM_131_A1_H01	ZM_131_A1_H01_T7C	
65018	ZM_131_A1_H01		ZM_131_A1_H01_MR
65019	ZM_131_A1_H02	ZM_131_A1_H02_T7C	
65020	ZM_131_A1_H02		ZM_131_A1_H02_MR
65021	ZM_131_A1_H03	ZM_131_A1_H03_T7C	
65022	ZM_131_A1_H03		ZM_131_A1_H03_MR
65023	ZM_131_A1_H04	ZM_131_A1_H04_T7C	
65024	ZM_131_A1_H04		ZM_131_A1_H04_MR
65025	ZM_131_A1_H05	ZM_131_A1_H05_T7C	
65026	ZM_131_A1_H05		ZM_131_A1_H05_MR
65027	ZM_131_A1_H06	ZM_131_A1_H06_T7C	
65028	ZM_131_A1_H06		ZM_131_A1_H06_MR
65029	ZM_131_A1_H07	ZM_131_A1_H07_T7C	
65030	ZM_131_A1_H07		ZM_131_A1_H07_MR
65031	ZM_131_A1_H08	ZM_131_A1_H08_T7C	
65032	ZM_131_A1_H08		ZM_131_A1_H08_MR
65033	ZM_131_A1_H09	ZM_131_A1_H09_T7C	
65034	ZM_131_A1_H09		ZM_131_A1_H09_MR
65035	ZM_131_A1_H10	ZM_131_A1_H10_T7C	
65036	ZM_131_A1_H10		ZM_131_A1_H10_MR
65037	ZM_131_A1_H11	ZM_131_A1_H11_T7C	
65038	ZM_131_A1_H11		ZM_131_A1_H11_MR
65039	ZM_131_A2_A01	ZM_131_A2_A01_T7C	
65040	ZM_131_A2_A01		ZM_131_A2_A01_MR
65041	ZM_131_A2_A02	ZM_131_A2_A02_T7C	
65042	ZM_131_A2_A02		ZM_131_A2_A02_MR
65043	ZM_131_A2_A03	ZM_131_A2_A03_T7C	
65044	ZM_131_A2_A03		ZM_131_A2_A03_MR
65045	ZM_131_A2_A04	ZM_131_A2_A04_T7C	
65046	ZM_131_A2_A04		ZM_131_A2_A04_MR
65047	ZM_131_A2_A05	ZM_131_A2_A05_T7C	
65048	ZM_131_A2_A06	ZM_131_A2_A06_T7C	
65049	ZM_131_A2_A06		ZM_131_A2_A06_MR
65050	ZM_131_A2_A07	ZM_131_A2_A07_T7C	
65051	ZM_131_A2_A07		ZM_131_A2_A07_MR
65052	ZM_131_A2_A08	ZM_131_A2_A08_T7C	
65053	ZM_131_A2_A08		ZM_131_A2_A08_MR
65054	ZM_131_A2_A09	ZM_131_A2_A09_T7C	
65055	ZM_131_A2_A09		ZM_131_A2_A09_MR
65056	ZM_131_A2_A10	ZM_131_A2_A10_T7C	
65057	ZM_131_A2_A10		ZM_131_A2_A10_MR
65058	ZM_131_A2_A11	ZM_131_A2_A11_T7C	
65059	ZM_131_A2_A11		ZM_131_A2_A11_MR
65060	ZM_131_A2_A12	ZM_131_A2_A12_T7C	
65061	ZM_131_A2_A12		ZM_131_A2_A12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65062	ZM_131_A2_B01	ZM_131_A2_B01_T7C	
65063	ZM_131_A2_B01		ZM_131_A2_B01_MR
65064	ZM_131_A2_B02	ZM_131_A2_B02_T7C	
65065	ZM_131_A2_B02		ZM_131_A2_B02_MR
65066	ZM_131_A2_B03	ZM_131_A2_B03_T7C	
65067	ZM_131_A2_B03		ZM_131_A2_B03_MR
65068	ZM_131_A2_B04	ZM_131_A2_B04_T7C	
65069	ZM_131_A2_B04		ZM_131_A2_B04_MR
65070	ZM_131_A2_B05	ZM_131_A2_B05_T7C	
65071	ZM_131_A2_B05		ZM_131_A2_B05_MR
65072	ZM_131_A2_B06	ZM_131_A2_B06_T7C	
65073	ZM_131_A2_B06		ZM_131_A2_B06_MR
65074	ZM_131_A2_B07	ZM_131_A2_B07_T7C	
65075	ZM_131_A2_B07		ZM_131_A2_B07_MR
65076	ZM_131_A2_B08	ZM_131_A2_B08_T7C	
65077	ZM_131_A2_B08		ZM_131_A2_B08_MR
65078	ZM_131_A2_B09	ZM_131_A2_B09_T7C	
65079	ZM_131_A2_B09		ZM_131_A2_B09_MR
65080	ZM_131_A2_B10	ZM_131_A2_B10_T7C	
65081	ZM_131_A2_B10		ZM_131_A2_B10_MR
65082	ZM_131_A2_B11		ZM_131_A2_B11_MR
65083	ZM_131_A2_B12	ZM_131_A2_B12_T7C	
65084	ZM_131_A2_B12		ZM_131_A2_B12_MR
65085	ZM_131_A2_C01	ZM_131_A2_C01_T7C	
65086	ZM_131_A2_C02	ZM_131_A2_C02_T7C	
65087	ZM_131_A2_C02		ZM_131_A2_C02_MR
65088	ZM_131_A2_C04	ZM_131_A2_C04_T7C	
65089	ZM_131_A2_C04		ZM_131_A2_C04_MR
65090	ZM_131_A2_C05	ZM_131_A2_C05_T7C	
65091	ZM_131_A2_C05		ZM_131_A2_C05_MR
65092	ZM_131_A2_C06	ZM_131_A2_C06_T7C	
65093	ZM_131_A2_C07	ZM_131_A2_C07_T7C	
65094	ZM_131_A2_C07		ZM_131_A2_C07_MR
65095	ZM_131_A2_C08	ZM_131_A2_C08_T7C	
65096	ZM_131_A2_C08		ZM_131_A2_C08_MR
65097	ZM_131_A2_C09	ZM_131_A2_C09_T7C	
65098	ZM_131_A2_C09		ZM_131_A2_C09_MR
65099	ZM_131_A2_C10	ZM_131_A2_C10_T7C	
65100	ZM_131_A2_C10		ZM_131_A2_C10_MR
65101	ZM_131_A2_C11	ZM_131_A2_C11_T7C	
65102	ZM_131_A2_C11		ZM_131_A2_C11_MR
65103	ZM_131_A2_C12	ZM_131_A2_C12_T7C	
65104	ZM_131_A2_C12		ZM_131_A2_C12_MR
65105	ZM_131_A2_D01	ZM_131_A2_D01_T7C	
65106	ZM_131_A2_D01		ZM_131_A2_D01_MR
65107	ZM_131_A2_D02	ZM_131_A2_D02_T7C	
65108	ZM_131_A2_D02		ZM_131_A2_D02_MR
65109	ZM_131_A2_D03	ZM_131_A2_D03_T7C	
65110	ZM_131_A2_D03		ZM_131_A2_D03_MR
65111	ZM_131_A2_D04	ZM_131_A2_D04_T7C	
65112	ZM_131_A2_D04		ZM_131_A2_D04_MR
65113	ZM_131_A2_D05	ZM_131_A2_D05_T7C	
65114	ZM_131_A2_D05		ZM_131_A2_D05_MR
65115	ZM_131_A2_D06	ZM_131_A2_D06_T7C	
65116	ZM_131_A2_D06		ZM_131_A2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65117	ZM_131_A2_D08	ZM_131_A2_D08_T7C	
65118	ZM_131_A2_D08		ZM_131_A2_D08_MR
65119	ZM_131_A2_D09	ZM_131_A2_D09_T7C	
65120	ZM_131_A2_D09		ZM_131_A2_D09_MR
65121	ZM_131_A2_D10	ZM_131_A2_D10_T7C	
65122	ZM_131_A2_D10		ZM_131_A2_D10_MR
65123	ZM_131_A2_D11	ZM_131_A2_D11_T7C	
65124	ZM_131_A2_D11		ZM_131_A2_D11_MR
65125	ZM_131_A2_D12	ZM_131_A2_D12_T7C	
65126	ZM_131_A2_D12		ZM_131_A2_D12_MR
65127	ZM_131_A2_E01	ZM_131_A2_E01_T7C	
65128	ZM_131_A2_E01		ZM_131_A2_E01_MR
65129	ZM_131_A2_E02	ZM_131_A2_E02_T7C	
65130	ZM_131_A2_E02		ZM_131_A2_E02_MR
65131	ZM_131_A2_E03	ZM_131_A2_E03_T7C	
65132	ZM_131_A2_E03		ZM_131_A2_E03_MR
65133	ZM_131_A2_E04	ZM_131_A2_E04_T7C	
65134	ZM_131_A2_E04		ZM_131_A2_E04_MR
65135	ZM_131_A2_E05	ZM_131_A2_E05_T7C	
65136	ZM_131_A2_E05		ZM_131_A2_E05_MR
65137	ZM_131_A2_E06	ZM_131_A2_E06_T7C	
65138	ZM_131_A2_E06		ZM_131_A2_E06_MR
65139	ZM_131_A2_E07	ZM_131_A2_E07_T7C	
65140	ZM_131_A2_E07		ZM_131_A2_E07_MR
65141	ZM_131_A2_E08	ZM_131_A2_E08_T7C	
65142	ZM_131_A2_E08		ZM_131_A2_E08_MR
65143	ZM_131_A2_E09	ZM_131_A2_E09_T7C	
65144	ZM_131_A2_E09		ZM_131_A2_E09_MR
65145	ZM_131_A2_E10	ZM_131_A2_E10_T7C	
65146	ZM_131_A2_E10		ZM_131_A2_E10_MR
65147	ZM_131_A2_E11	ZM_131_A2_E11_T7C	
65148	ZM_131_A2_E11		ZM_131_A2_E11_MR
65149	ZM_131_A2_E12	ZM_131_A2_E12_T7C	
65150	ZM_131_A2_E12		ZM_131_A2_E12_MR
65151	ZM_131_A2_F01	ZM_131_A2_F01_T7C	
65152	ZM_131_A2_F01		ZM_131_A2_F01_MR
65153	ZM_131_A2_F02	ZM_131_A2_F02_T7C	
65154	ZM_131_A2_F02		ZM_131_A2_F02_MR
65155	ZM_131_A2_F03	ZM_131_A2_F03_T7C	
65156	ZM_131_A2_F03		ZM_131_A2_F03_MR
65157	ZM_131_A2_F04	ZM_131_A2_F04_T7C	
65158	ZM_131_A2_F04		ZM_131_A2_F04_MR
65159	ZM_131_A2_F05	ZM_131_A2_F05_T7C	
65160	ZM_131_A2_F05		ZM_131_A2_F05_MR
65161	ZM_131_A2_F07	ZM_131_A2_F07_T7C	
65162	ZM_131_A2_F07		ZM_131_A2_F07_MR
65163	ZM_131_A2_F08	ZM_131_A2_F08_T7C	
65164	ZM_131_A2_F08		ZM_131_A2_F08_MR
65165	ZM_131_A2_F09	ZM_131_A2_F09_T7C	
65166	ZM_131_A2_F09		ZM_131_A2_F09_MR
65167	ZM_131_A2_F10	ZM_131_A2_F10_T7C	
65168	ZM_131_A2_F10		ZM_131_A2_F10_MR
65169	ZM_131_A2_F11	ZM_131_A2_F11_T7C	
65170	ZM_131_A2_F11		ZM_131_A2_F11_MR
65171	ZM_131_A2_F12	ZM_131_A2_F12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65172	ZM_131_A2_F12		ZM_131_A2_F12_MR
65173	ZM_131_A2_G01	ZM_131_A2_G01_T7C	
65174	ZM_131_A2_G01		ZM_131_A2_G01_MR
65175	ZM_131_A2_G02	ZM_131_A2_G02_T7C	
65176	ZM_131_A2_G02		ZM_131_A2_G02_MR
65177	ZM_131_A2_G03	ZM_131_A2_G03_T7C	
65178	ZM_131_A2_G03		ZM_131_A2_G03_MR
65179	ZM_131_A2_G04	ZM_131_A2_G04_T7C	
65180	ZM_131_A2_G04		ZM_131_A2_G04_MR
65181	ZM_131_A2_G05	ZM_131_A2_G05_T7C	
65182	ZM_131_A2_G05		ZM_131_A2_G05_MR
65183	ZM_131_A2_G06	ZM_131_A2_G06_T7C	
65184	ZM_131_A2_G07	ZM_131_A2_G07_T7C	
65185	ZM_131_A2_G07		ZM_131_A2_G07_MR
65186	ZM_131_A2_G08	ZM_131_A2_G08_T7C	
65187	ZM_131_A2_G08		ZM_131_A2_G08_MR
65188	ZM_131_A2_G09	ZM_131_A2_G09_T7C	
65189	ZM_131_A2_G09		ZM_131_A2_G09_MR
65190	ZM_131_A2_G10	ZM_131_A2_G10_T7C	
65191	ZM_131_A2_G10		ZM_131_A2_G10_MR
65192	ZM_131_A2_G11	ZM_131_A2_G11_T7C	
65193	ZM_131_A2_G11		ZM_131_A2_G11_MR
65194	ZM_131_A2_G12	ZM_131_A2_G12_T7C	
65195	ZM_131_A2_G12		ZM_131_A2_G12_MR
65196	ZM_131_A2_H01	ZM_131_A2_H01_T7C	
65197	ZM_131_A2_H01		ZM_131_A2_H01_MR
65198	ZM_131_A2_H02	ZM_131_A2_H02_T7C	
65199	ZM_131_A2_H02		ZM_131_A2_H02_MR
65200	ZM_131_A2_H03	ZM_131_A2_H03_T7C	
65201	ZM_131_A2_H03		ZM_131_A2_H03_MR
65202	ZM_131_A2_H04	ZM_131_A2_H04_T7C	
65203	ZM_131_A2_H05	ZM_131_A2_H05_T7C	
65204	ZM_131_A2_H05		ZM_131_A2_H05_MR
65205	ZM_131_A2_H06	ZM_131_A2_H06_T7C	
65206	ZM_131_A2_H06		ZM_131_A2_H06_MR
65207	ZM_131_A2_H07	ZM_131_A2_H07_T7C	
65208	ZM_131_A2_H07		ZM_131_A2_H07_MR
65209	ZM_131_A2_H08	ZM_131_A2_H08_T7C	
65210	ZM_131_A2_H11	ZM_131_A2_H11_T7C	
65211	ZM_131_A2_H11		ZM_131_A2_H11_MR
65212	ZM_131_A2_H12	ZM_131_A2_H12_T7C	
65213	ZM_131_A2_H12		ZM_131_A2_H12_MR
65214	ZM_131_B2_A01		ZM_131_B2_A01_MR
65215	ZM_131_B2_A02		ZM_131_B2_A02_MR
65216	ZM_131_B2_A03		ZM_131_B2_A03_MR
65217	ZM_131_B2_A04		ZM_131_B2_A04_MR
65218	ZM_131_B2_A06		ZM_131_B2_A06_MR
65219	ZM_131_B2_A07		ZM_131_B2_A07_MR
65220	ZM_131_B2_A09		ZM_131_B2_A09_MR
65221	ZM_131_B2_A10		ZM_131_B2_A10_MR
65222	ZM_131_B2_A11		ZM_131_B2_A11_MR
65223	ZM_131_B2_B01		ZM_131_B2_B01_MR
65224	ZM_131_B2_B02		ZM_131_B2_B02_MR
65225	ZM_131_B2_B04		ZM_131_B2_B04_MR
65226	ZM_131_B2_B05		ZM_131_B2_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65227	ZM_131_B2_B06		ZM_131_B2_B06_MR
65228	ZM_131_B2_B07		ZM_131_B2_B07_MR
65229	ZM_131_B2_B08		ZM_131_B2_B08_MR
65230	ZM_131_B2_B09		ZM_131_B2_B09_MR
65231	ZM_131_B2_B10		ZM_131_B2_B10_MR
65232	ZM_131_B2_B12		ZM_131_B2_B12_MR
65233	ZM_131_B2_C01		ZM_131_B2_C01_MR
65234	ZM_131_B2_C02		ZM_131_B2_C02_MR
65235	ZM_131_B2_C03		ZM_131_B2_C03_MR
65236	ZM_131_B2_C04		ZM_131_B2_C04_MR
65237	ZM_131_B2_C05		ZM_131_B2_C05_MR
65238	ZM_131_B2_C06		ZM_131_B2_C06_MR
65239	ZM_131_B2_C07		ZM_131_B2_C07_MR
65240	ZM_131_B2_C08		ZM_131_B2_C08_MR
65241	ZM_131_B2_C09		ZM_131_B2_C09_MR
65242	ZM_131_B2_C10		ZM_131_B2_C10_MR
65243	ZM_131_B2_C11		ZM_131_B2_C11_MR
65244	ZM_131_B2_C12		ZM_131_B2_C12_MR
65245	ZM_131_B2_D01		ZM_131_B2_D01_MR
65246	ZM_131_B2_D02		ZM_131_B2_D02_MR
65247	ZM_131_B2_D03		ZM_131_B2_D03_MR
65248	ZM_131_B2_D04		ZM_131_B2_D04_MR
65249	ZM_131_B2_D05		ZM_131_B2_D05_MR
65250	ZM_131_B2_D07		ZM_131_B2_D07_MR
65251	ZM_131_B2_D08		ZM_131_B2_D08_MR
65252	ZM_131_B2_D09		ZM_131_B2_D09_MR
65253	ZM_131_B2_D10		ZM_131_B2_D10_MR
65254	ZM_131_B2_D11		ZM_131_B2_D11_MR
65255	ZM_131_B2_D12		ZM_131_B2_D12_MR
65256	ZM_131_B2_E01		ZM_131_B2_E01_MR
65257	ZM_131_B2_E02		ZM_131_B2_E02_MR
65258	ZM_131_B2_E03		ZM_131_B2_E03_MR
65259	ZM_131_B2_E04		ZM_131_B2_E04_MR
65260	ZM_131_B2_E05		ZM_131_B2_E05_MR
65261	ZM_131_B2_E06		ZM_131_B2_E06_MR
65262	ZM_131_B2_E07		ZM_131_B2_E07_MR
65263	ZM_131_B2_E08		ZM_131_B2_E08_MR
65264	ZM_131_B2_E09		ZM_131_B2_E09_MR
65265	ZM_131_B2_E10		ZM_131_B2_E10_MR
65266	ZM_131_B2_E11		ZM_131_B2_E11_MR
65267	ZM_131_B2_E12		ZM_131_B2_E12_MR
65268	ZM_131_B2_F01		ZM_131_B2_F01_MR
65269	ZM_131_B2_F02		ZM_131_B2_F02_MR
65270	ZM_131_B2_F03		ZM_131_B2_F03_MR
65271	ZM_131_B2_F04		ZM_131_B2_F04_MR
65272	ZM_131_B2_F05		ZM_131_B2_F05_MR
65273	ZM_131_B2_F07		ZM_131_B2_F07_MR
65274	ZM_131_B2_F08		ZM_131_B2_F08_MR
65275	ZM_131_B2_F09		ZM_131_B2_F09_MR
65276	ZM_131_B2_F10		ZM_131_B2_F10_MR
65277	ZM_131_B2_F12		ZM_131_B2_F12_MR
65278	ZM_131_B2_G01		ZM_131_B2_G01_MR
65279	ZM_131_B2_G02		ZM_131_B2_G02_MR
65280	ZM_131_B2_G03		ZM_131_B2_G03_MR
65281	ZM_131_B2_G04		ZM_131_B2_G04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65282	ZM_131_B2_G05		ZM_131_B2_G05_MR
65283	ZM_131_B2_G06		ZM_131_B2_G06_MR
65284	ZM_131_B2_G07		ZM_131_B2_G07_MR
65285	ZM_131_B2_G11		ZM_131_B2_G11_MR
65286	ZM_131_B2_G12		ZM_131_B2_G12_MR
65287	ZM_131_B2_H01		ZM_131_B2_H01_MR
65288	ZM_131_B2_H02		ZM_131_B2_H02_MR
65289	ZM_131_B2_H03		ZM_131_B2_H03_MR
65290	ZM_131_B2_H04		ZM_131_B2_H04_MR
65291	ZM_131_B2_H05		ZM_131_B2_H05_MR
65292	ZM_131_B2_H06		ZM_131_B2_H06_MR
65293	ZM_131_B2_H07		ZM_131_B2_H07_MR
65294	ZM_131_B2_H08		ZM_131_B2_H08_MR
65295	ZM_131_B2_H10		ZM_131_B2_H10_MR
65296	ZM_131_B2_H11		ZM_131_B2_H11_MR
65297	ZM_131_B2_H12		ZM_131_B2_H12_MR
65298	ZM_132_A1_A01	ZM_132_A1_A01_T7C	
65299	ZM_132_A1_A02	ZM_132_A1_A02_T7C	
65300	ZM_132_A1_A02		ZM_132_A1_A02_MR
65301	ZM_132_A1_A03	ZM_132_A1_A03_T7C	
65302	ZM_132_A1_A03		ZM_132_A1_A03_MR
65303	ZM_132_A1_A04	ZM_132_A1_A04_T7C	
65304	ZM_132_A1_A04		ZM_132_A1_A04_MR
65305	ZM_132_A1_A05	ZM_132_A1_A05_T7C	
65306	ZM_132_A1_A05		ZM_132_A1_A05_MR
65307	ZM_132_A1_A06	ZM_132_A1_A06_T7C	
65308	ZM_132_A1_A06		ZM_132_A1_A06_MR
65309	ZM_132_A1_A07	ZM_132_A1_A07_T7C	
65310	ZM_132_A1_A07		ZM_132_A1_A07_MR
65311	ZM_132_A1_A08	ZM_132_A1_A08_T7C	
65312	ZM_132_A1_A08		ZM_132_A1_A08_MR
65313	ZM_132_A1_A09	ZM_132_A1_A09_T7C	
65314	ZM_132_A1_A09		ZM_132_A1_A09_MR
65315	ZM_132_A1_A10	ZM_132_A1_A10_T7C	
65316	ZM_132_A1_A10		ZM_132_A1_A10_MR
65317	ZM_132_A1_A11	ZM_132_A1_A11_T7C	
65318	ZM_132_A1_A11		ZM_132_A1_A11_MR
65319	ZM_132_A1_A12	ZM_132_A1_A12_T7C	
65320	ZM_132_A1_A12		ZM_132_A1_A12_MR
65321	ZM_132_A1_B02	ZM_132_A1_B02_T7C	
65322	ZM_132_A1_B02		ZM_132_A1_B02_MR
65323	ZM_132_A1_B03	ZM_132_A1_B03_T7C	
65324	ZM_132_A1_B03		ZM_132_A1_B03_MR
65325	ZM_132_A1_B04	ZM_132_A1_B04_T7C	
65326	ZM_132_A1_B04		ZM_132_A1_B04_MR
65327	ZM_132_A1_B05	ZM_132_A1_B05_T7C	
65328	ZM_132_A1_B05		ZM_132_A1_B05_MR
65329	ZM_132_A1_B06	ZM_132_A1_B06_T7C	
65330	ZM_132_A1_B06		ZM_132_A1_B06_MR
65331	ZM_132_A1_B07	ZM_132_A1_B07_T7C	
65332	ZM_132_A1_B07		ZM_132_A1_B07_MR
65333	ZM_132_A1_B08	ZM_132_A1_B08_T7C	
65334	ZM_132_A1_B08		ZM_132_A1_B08_MR
65335	ZM_132_A1_B09	ZM_132_A1_B09_T7C	
65336	ZM_132_A1_B09		ZM_132_A1_B09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65337	ZM_132_A1_B10	ZM_132_A1_B10_T7C	
65338	ZM_132_A1_B10		ZM_132_A1_B10_MR
65339	ZM_132_A1_B11	ZM_132_A1_B11_T7C	
65340	ZM_132_A1_B12	ZM_132_A1_B12_T7C	
65341	ZM_132_A1_B12		ZM_132_A1_B12_MR
65342	ZM_132_A1_C01	ZM_132_A1_C01_T7C	
65343	ZM_132_A1_C01		ZM_132_A1_C01_MR
65344	ZM_132_A1_C02		ZM_132_A1_C02_MR
65345	ZM_132_A1_C03	ZM_132_A1_C03_T7C	
65346	ZM_132_A1_C03		ZM_132_A1_C03_MR
65347	ZM_132_A1_C04	ZM_132_A1_C04_T7C	
65348	ZM_132_A1_C04		ZM_132_A1_C04_MR
65349	ZM_132_A1_C05	ZM_132_A1_C05_T7C	
65350	ZM_132_A1_C05		ZM_132_A1_C05_MR
65351	ZM_132_A1_C06	ZM_132_A1_C06_T7C	
65352	ZM_132_A1_C06		ZM_132_A1_C06_MR
65353	ZM_132_A1_C07	ZM_132_A1_C07_T7C	
65354	ZM_132_A1_C07		ZM_132_A1_C07_MR
65355	ZM_132_A1_C08	ZM_132_A1_C08_T7C	
65356	ZM_132_A1_C08		ZM_132_A1_C08_MR
65357	ZM_132_A1_C09	ZM_132_A1_C09_T7C	
65358	ZM_132_A1_C09		ZM_132_A1_C09_MR
65359	ZM_132_A1_C10	ZM_132_A1_C10_T7C	
65360	ZM_132_A1_C10		ZM_132_A1_C10_MR
65361	ZM_132_A1_C11	ZM_132_A1_C11_T7C	
65362	ZM_132_A1_C11		ZM_132_A1_C11_MR
65363	ZM_132_A1_C12	ZM_132_A1_C12_T7C	
65364	ZM_132_A1_C12		ZM_132_A1_C12_MR
65365	ZM_132_A1_D01	ZM_132_A1_D01_T7C	
65366	ZM_132_A1_D01		ZM_132_A1_D01_MR
65367	ZM_132_A1_D02	ZM_132_A1_D02_T7C	
65368	ZM_132_A1_D02		ZM_132_A1_D02_MR
65369	ZM_132_A1_D03	ZM_132_A1_D03_T7C	
65370	ZM_132_A1_D03		ZM_132_A1_D03_MR
65371	ZM_132_A1_D04	ZM_132_A1_D04_T7C	
65372	ZM_132_A1_D04		ZM_132_A1_D04_MR
65373	ZM_132_A1_D05	ZM_132_A1_D05_T7C	
65374	ZM_132_A1_D05		ZM_132_A1_D05_MR
65375	ZM_132_A1_D06		ZM_132_A1_D06_MR
65376	ZM_132_A1_D07	ZM_132_A1_D07_T7C	
65377	ZM_132_A1_D07		ZM_132_A1_D07_MR
65378	ZM_132_A1_D08	ZM_132_A1_D08_T7C	
65379	ZM_132_A1_D08		ZM_132_A1_D08_MR
65380	ZM_132_A1_D09	ZM_132_A1_D09_T7C	
65381	ZM_132_A1_D09		ZM_132_A1_D09_MR
65382	ZM_132_A1_D10	ZM_132_A1_D10_T7C	
65383	ZM_132_A1_D10		ZM_132_A1_D10_MR
65384	ZM_132_A1_D11	ZM_132_A1_D11_T7C	
65385	ZM_132_A1_D11		ZM_132_A1_D11_MR
65386	ZM_132_A1_D12	ZM_132_A1_D12_T7C	
65387	ZM_132_A1_D12		ZM_132_A1_D12_MR
65388	ZM_132_A1_E01	ZM_132_A1_E01_T7C	
65389	ZM_132_A1_E01		ZM_132_A1_E01_MR
65390	ZM_132_A1_E02	ZM_132_A1_E02_T7C	
65391	ZM_132_A1_E02		ZM_132_A1_E02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65392	ZM_132_A1_E04	ZM_132_A1_E04_T7C	
65393	ZM_132_A1_E04		ZM_132_A1_E04_MR
65394	ZM_132_A1_E05	ZM_132_A1_E05_T7C	
65395	ZM_132_A1_E05		ZM_132_A1_E05_MR
65396	ZM_132_A1_E06	ZM_132_A1_E06_T7C	
65397	ZM_132_A1_E06		ZM_132_A1_E06_MR
65398	ZM_132_A1_E07	ZM_132_A1_E07_T7C	
65399	ZM_132_A1_E07		ZM_132_A1_E07_MR
65400	ZM_132_A1_E08	ZM_132_A1_E08_T7C	
65401	ZM_132_A1_E08		ZM_132_A1_E08_MR
65402	ZM_132_A1_E09		ZM_132_A1_E09_MR
65403	ZM_132_A1_E10	ZM_132_A1_E10_T7C	
65404	ZM_132_A1_E10		ZM_132_A1_E10_MR
65405	ZM_132_A1_E11	ZM_132_A1_E11_T7C	
65406	ZM_132_A1_E11		ZM_132_A1_E11_MR
65407	ZM_132_A1_E12	ZM_132_A1_E12_T7C	
65408	ZM_132_A1_E12		ZM_132_A1_E12_MR
65409	ZM_132_A1_F01	ZM_132_A1_F01_T7C	
65410	ZM_132_A1_F01		ZM_132_A1_F01_MR
65411	ZM_132_A1_F02	ZM_132_A1_F02_T7C	
65412	ZM_132_A1_F02		ZM_132_A1_F02_MR
65413	ZM_132_A1_F03	ZM_132_A1_F03_T7C	
65414	ZM_132_A1_F03		ZM_132_A1_F03_MR
65415	ZM_132_A1_F04	ZM_132_A1_F04_T7C	
65416	ZM_132_A1_F04		ZM_132_A1_F04_MR
65417	ZM_132_A1_F05	ZM_132_A1_F05_T7C	
65418	ZM_132_A1_F05		ZM_132_A1_F05_MR
65419	ZM_132_A1_F06	ZM_132_A1_F06_T7C	
65420	ZM_132_A1_F06		ZM_132_A1_F06_MR
65421	ZM_132_A1_F07	ZM_132_A1_F07_T7C	
65422	ZM_132_A1_F07		ZM_132_A1_F07_MR
65423	ZM_132_A1_F08	ZM_132_A1_F08_T7C	
65424	ZM_132_A1_F08		ZM_132_A1_F08_MR
65425	ZM_132_A1_F09	ZM_132_A1_F09_T7C	
65426	ZM_132_A1_F09		ZM_132_A1_F09_MR
65427	ZM_132_A1_F10	ZM_132_A1_F10_T7C	
65428	ZM_132_A1_F10		ZM_132_A1_F10_MR
65429	ZM_132_A1_F11	ZM_132_A1_F11_T7C	
65430	ZM_132_A1_F11		ZM_132_A1_F11_MR
65431	ZM_132_A1_F12	ZM_132_A1_F12_T7C	
65432	ZM_132_A1_F12		ZM_132_A1_F12_MR
65433	ZM_132_A1_G01	ZM_132_A1_G01_T7C	
65434	ZM_132_A1_G01		ZM_132_A1_G01_MR
65435	ZM_132_A1_G02	ZM_132_A1_G02_T7C	
65436	ZM_132_A1_G02		ZM_132_A1_G02_MR
65437	ZM_132_A1_G04	ZM_132_A1_G04_T7C	
65438	ZM_132_A1_G04		ZM_132_A1_G04_MR
65439	ZM_132_A1_G05	ZM_132_A1_G05_T7C	
65440	ZM_132_A1_G05		ZM_132_A1_G05_MR
65441	ZM_132_A1_G06		ZM_132_A1_G06_MR
65442	ZM_132_A1_G07	ZM_132_A1_G07_T7C	
65443	ZM_132_A1_G07		ZM_132_A1_G07_MR
65444	ZM_132_A1_G08	ZM_132_A1_G08_T7C	
65445	ZM_132_A1_G08		ZM_132_A1_G08_MR
65446	ZM_132_A1_G09	ZM_132_A1_G09_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65447	ZM_132_A1_G09		ZM_132_A1_G09_MR
65448	ZM_132_A1_G10	ZM_132_A1_G10_T7C	
65449	ZM_132_A1_G10		ZM_132_A1_G10_MR
65450	ZM_132_A1_G11	ZM_132_A1_G11_T7C	
65451	ZM_132_A1_G11		ZM_132_A1_G11_MR
65452	ZM_132_A1_G12	ZM_132_A1_G12_T7C	
65453	ZM_132_A1_G12		ZM_132_A1_G12_MR
65454	ZM_132_A1_H01	ZM_132_A1_H01_T7C	
65455	ZM_132_A1_H01		ZM_132_A1_H01_MR
65456	ZM_132_A1_H02	ZM_132_A1_H02_T7C	
65457	ZM_132_A1_H02		ZM_132_A1_H02_MR
65458	ZM_132_A1_H03	ZM_132_A1_H03_T7C	
65459	ZM_132_A1_H03		ZM_132_A1_H03_MR
65460	ZM_132_A1_H04	ZM_132_A1_H04_T7C	
65461	ZM_132_A1_H04		ZM_132_A1_H04_MR
65462	ZM_132_A1_H05	ZM_132_A1_H05_T7C	
65463	ZM_132_A1_H05		ZM_132_A1_H05_MR
65464	ZM_132_A1_H06	ZM_132_A1_H06_T7C	
65465	ZM_132_A1_H06		ZM_132_A1_H06_MR
65466	ZM_132_A1_H08	ZM_132_A1_H08_T7C	
65467	ZM_132_A1_H08		ZM_132_A1_H08_MR
65468	ZM_132_A1_H09	ZM_132_A1_H09_T7C	
65469	ZM_132_A1_H09		ZM_132_A1_H09_MR
65470	ZM_132_A1_H10	ZM_132_A1_H10_T7C	
65471	ZM_132_A1_H10		ZM_132_A1_H10_MR
65472	ZM_132_A1_H11	ZM_132_A1_H11_T7C	
65473	ZM_132_A1_H11		ZM_132_A1_H11_MR
65474	ZM_132_A1_H12	ZM_132_A1_H12_T7C	
65475	ZM_132_A2_A01		ZM_132_A2_A01_MR
65476	ZM_132_A2_A02		ZM_132_A2_A02_MR
65477	ZM_132_A2_A04		ZM_132_A2_A04_MR
65478	ZM_132_A2_A07		ZM_132_A2_A07_MR
65479	ZM_132_A2_A08		ZM_132_A2_A08_MR
65480	ZM_132_A2_A10		ZM_132_A2_A10_MR
65481	ZM_132_A2_A11		ZM_132_A2_A11_MR
65482	ZM_132_A2_A12		ZM_132_A2_A12_MR
65483	ZM_132_A2_B01		ZM_132_A2_B01_MR
65484	ZM_132_A2_B02		ZM_132_A2_B02_MR
65485	ZM_132_A2_B04		ZM_132_A2_B04_MR
65486	ZM_132_A2_B05		ZM_132_A2_B05_MR
65487	ZM_132_A2_B06		ZM_132_A2_B06_MR
65488	ZM_132_A2_B07		ZM_132_A2_B07_MR
65489	ZM_132_A2_B08		ZM_132_A2_B08_MR
65490	ZM_132_A2_B10		ZM_132_A2_B10_MR
65491	ZM_132_A2_B11		ZM_132_A2_B11_MR
65492	ZM_132_A2_C01		ZM_132_A2_C01_MR
65493	ZM_132_A2_C02		ZM_132_A2_C02_MR
65494	ZM_132_A2_C06		ZM_132_A2_C06_MR
65495	ZM_132_A2_C07		ZM_132_A2_C07_MR
65496	ZM_132_A2_C08		ZM_132_A2_C08_MR
65497	ZM_132_A2_C10		ZM_132_A2_C10_MR
65498	ZM_132_A2_C11		ZM_132_A2_C11_MR
65499	ZM_132_A2_D01		ZM_132_A2_D01_MR
65500	ZM_132_A2_D06		ZM_132_A2_D06_MR
65501	ZM_132_A2_D07		ZM_132_A2_D07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65502	ZM_132_A2_D08		ZM_132_A2_D08_MR
65503	ZM_132_A2_D10		ZM_132_A2_D10_MR
65504	ZM_132_A2_D11		ZM_132_A2_D11_MR
65505	ZM_132_A2_D12		ZM_132_A2_D12_MR
65506	ZM_132_A2_E01		ZM_132_A2_E01_MR
65507	ZM_132_A2_E02		ZM_132_A2_E02_MR
65508	ZM_132_A2_E03		ZM_132_A2_E03_MR
65509	ZM_132_A2_E07		ZM_132_A2_E07_MR
65510	ZM_132_A2_E08		ZM_132_A2_E08_MR
65511	ZM_132_A2_E10		ZM_132_A2_E10_MR
65512	ZM_132_A2_E11		ZM_132_A2_E11_MR
65513	ZM_132_A2_E12		ZM_132_A2_E12_MR
65514	ZM_132_A2_F04		ZM_132_A2_F04_MR
65515	ZM_132_A2_F11		ZM_132_A2_F11_MR
65516	ZM_132_A2_F12		ZM_132_A2_F12_MR
65517	ZM_132_A2_G01		ZM_132_A2_G01_MR
65518	ZM_132_A2_G02		ZM_132_A2_G02_MR
65519	ZM_132_A2_G03		ZM_132_A2_G03_MR
65520	ZM_132_A2_G08		ZM_132_A2_G08_MR
65521	ZM_132_A2_G10		ZM_132_A2_G10_MR
65522	ZM_132_A2_G11		ZM_132_A2_G11_MR
65523	ZM_132_A2_H03		ZM_132_A2_H03_MR
65524	ZM_132_B1_A01		ZM_132_B1_A01_MR
65525	ZM_132_B1_A02		ZM_132_B1_A02_MR
65526	ZM_132_B1_A03		ZM_132_B1_A03_MR
65527	ZM_132_B1_A05		ZM_132_B1_A05_MR
65528	ZM_132_B1_A06		ZM_132_B1_A06_MR
65529	ZM_132_B1_A07		ZM_132_B1_A07_MR
65530	ZM_132_B1_A08		ZM_132_B1_A08_MR
65531	ZM_132_B1_A09		ZM_132_B1_A09_MR
65532	ZM_132_B1_A10		ZM_132_B1_A10_MR
65533	ZM_132_B1_A11		ZM_132_B1_A11_MR
65534	ZM_132_B1_A12		ZM_132_B1_A12_MR
65535	ZM_132_B1_B01		ZM_132_B1_B01_MR
65536	ZM_132_B1_B02		ZM_132_B1_B02_MR
65537	ZM_132_B1_B03		ZM_132_B1_B03_MR
65538	ZM_132_B1_B04		ZM_132_B1_B04_MR
65539	ZM_132_B1_B05		ZM_132_B1_B05_MR
65540	ZM_132_B1_B06		ZM_132_B1_B06_MR
65541	ZM_132_B1_B07		ZM_132_B1_B07_MR
65542	ZM_132_B1_B09		ZM_132_B1_B09_MR
65543	ZM_132_B1_B10		ZM_132_B1_B10_MR
65544	ZM_132_B1_B11		ZM_132_B1_B11_MR
65545	ZM_132_B1_B12		ZM_132_B1_B12_MR
65546	ZM_132_B1_C01		ZM_132_B1_C01_MR
65547	ZM_132_B1_C02		ZM_132_B1_C02_MR
65548	ZM_132_B1_C03		ZM_132_B1_C03_MR
65549	ZM_132_B1_C04		ZM_132_B1_C04_MR
65550	ZM_132_B1_C05		ZM_132_B1_C05_MR
65551	ZM_132_B1_C06		ZM_132_B1_C06_MR
65552	ZM_132_B1_C07		ZM_132_B1_C07_MR
65553	ZM_132_B1_C08		ZM_132_B1_C08_MR
65554	ZM_132_B1_C10		ZM_132_B1_C10_MR
65555	ZM_132_B1_C11		ZM_132_B1_C11_MR
65556	ZM_132_B1_C12		ZM_132_B1_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65557	ZM_132_B1_D01		ZM_132_B1_D01_MR
65558	ZM_132_B1_D02		ZM_132_B1_D02_MR
65559	ZM_132_B1_D03		ZM_132_B1_D03_MR
65560	ZM_132_B1_D04		ZM_132_B1_D04_MR
65561	ZM_132_B1_D05		ZM_132_B1_D05_MR
65562	ZM_132_B1_D07		ZM_132_B1_D07_MR
65563	ZM_132_B1_D08		ZM_132_B1_D08_MR
65564	ZM_132_B1_D09		ZM_132_B1_D09_MR
65565	ZM_132_B1_D10		ZM_132_B1_D10_MR
65566	ZM_132_B1_D11		ZM_132_B1_D11_MR
65567	ZM_132_B1_D12		ZM_132_B1_D12_MR
65568	ZM_132_B1_E01		ZM_132_B1_E01_MR
65569	ZM_132_B1_E02		ZM_132_B1_E02_MR
65570	ZM_132_B1_E03		ZM_132_B1_E03_MR
65571	ZM_132_B1_E04		ZM_132_B1_E04_MR
65572	ZM_132_B1_E05		ZM_132_B1_E05_MR
65573	ZM_132_B1_E06		ZM_132_B1_E06_MR
65574	ZM_132_B1_E07		ZM_132_B1_E07_MR
65575	ZM_132_B1_E08		ZM_132_B1_E08_MR
65576	ZM_132_B1_E09		ZM_132_B1_E09_MR
65577	ZM_132_B1_E10		ZM_132_B1_E10_MR
65578	ZM_132_B1_E11		ZM_132_B1_E11_MR
65579	ZM_132_B1_E12		ZM_132_B1_E12_MR
65580	ZM_132_B1_F01		ZM_132_B1_F01_MR
65581	ZM_132_B1_F02		ZM_132_B1_F02_MR
65582	ZM_132_B1_F03		ZM_132_B1_F03_MR
65583	ZM_132_B1_F05		ZM_132_B1_F05_MR
65584	ZM_132_B1_F06		ZM_132_B1_F06_MR
65585	ZM_132_B1_F07		ZM_132_B1_F07_MR
65586	ZM_132_B1_F08		ZM_132_B1_F08_MR
65587	ZM_132_B1_F09		ZM_132_B1_F09_MR
65588	ZM_132_B1_F10		ZM_132_B1_F10_MR
65589	ZM_132_B1_F11		ZM_132_B1_F11_MR
65590	ZM_132_B1_F12		ZM_132_B1_F12_MR
65591	ZM_132_B1_G01		ZM_132_B1_G01_MR
65592	ZM_132_B1_G02		ZM_132_B1_G02_MR
65593	ZM_132_B1_G03		ZM_132_B1_G03_MR
65594	ZM_132_B1_G04		ZM_132_B1_G04_MR
65595	ZM_132_B1_G05		ZM_132_B1_G05_MR
65596	ZM_132_B1_G06		ZM_132_B1_G06_MR
65597	ZM_132_B1_G07		ZM_132_B1_G07_MR
65598	ZM_132_B1_G08		ZM_132_B1_G08_MR
65599	ZM_132_B1_G09		ZM_132_B1_G09_MR
65600	ZM_132_B1_G10		ZM_132_B1_G10_MR
65601	ZM_132_B1_G11		ZM_132_B1_G11_MR
65602	ZM_132_B1_G12		ZM_132_B1_G12_MR
65603	ZM_132_B1_H01		ZM_132_B1_H01_MR
65604	ZM_132_B1_H02		ZM_132_B1_H02_MR
65605	ZM_132_B1_H03		ZM_132_B1_H03_MR
65606	ZM_132_B1_H04		ZM_132_B1_H04_MR
65607	ZM_132_B1_H05		ZM_132_B1_H05_MR
65608	ZM_132_B1_H06		ZM_132_B1_H06_MR
65609	ZM_132_B1_H07		ZM_132_B1_H07_MR
65610	ZM_132_B1_H08		ZM_132_B1_H08_MR
65611	ZM_132_B1_H09		ZM_132_B1_H09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65612	ZM_132_B1_H10		ZM_132_B1_H10_MR
65613	ZM_132_B1_H11		ZM_132_B1_H11_MR
65614	ZM_132_B1_H12		ZM_132_B1_H12_MR
65615	ZM_132_B2_A02		ZM_132_B2_A02_MR
65616	ZM_132_B2_A03		ZM_132_B2_A03_MR
65617	ZM_132_B2_A04		ZM_132_B2_A04_MR
65618	ZM_132_B2_A06		ZM_132_B2_A06_MR
65619	ZM_132_B2_A08		ZM_132_B2_A08_MR
65620	ZM_132_B2_A09		ZM_132_B2_A09_MR
65621	ZM_132_B2_A10		ZM_132_B2_A10_MR
65622	ZM_132_B2_A11		ZM_132_B2_A11_MR
65623	ZM_132_B2_A12		ZM_132_B2_A12_MR
65624	ZM_132_B2_B01		ZM_132_B2_B01_MR
65625	ZM_132_B2_B02		ZM_132_B2_B02_MR
65626	ZM_132_B2_B03		ZM_132_B2_B03_MR
65627	ZM_132_B2_B04		ZM_132_B2_B04_MR
65628	ZM_132_B2_B05		ZM_132_B2_B05_MR
65629	ZM_132_B2_B06		ZM_132_B2_B06_MR
65630	ZM_132_B2_B07		ZM_132_B2_B07_MR
65631	ZM_132_B2_B08		ZM_132_B2_B08_MR
65632	ZM_132_B2_B09		ZM_132_B2_B09_MR
65633	ZM_132_B2_B10		ZM_132_B2_B10_MR
65634	ZM_132_B2_B11		ZM_132_B2_B11_MR
65635	ZM_132_B2_B12		ZM_132_B2_B12_MR
65636	ZM_132_B2_C01		ZM_132_B2_C01_MR
65637	ZM_132_B2_C02		ZM_132_B2_C02_MR
65638	ZM_132_B2_C03		ZM_132_B2_C03_MR
65639	ZM_132_B2_C04		ZM_132_B2_C04_MR
65640	ZM_132_B2_C05		ZM_132_B2_C05_MR
65641	ZM_132_B2_C06		ZM_132_B2_C06_MR
65642	ZM_132_B2_C07		ZM_132_B2_C07_MR
65643	ZM_132_B2_C08		ZM_132_B2_C08_MR
65644	ZM_132_B2_C10		ZM_132_B2_C10_MR
65645	ZM_132_B2_C11		ZM_132_B2_C11_MR
65646	ZM_132_B2_C12		ZM_132_B2_C12_MR
65647	ZM_132_B2_D01		ZM_132_B2_D01_MR
65648	ZM_132_B2_D02		ZM_132_B2_D02_MR
65649	ZM_132_B2_D03		ZM_132_B2_D03_MR
65650	ZM_132_B2_D04		ZM_132_B2_D04_MR
65651	ZM_132_B2_D05		ZM_132_B2_D05_MR
65652	ZM_132_B2_D06		ZM_132_B2_D06_MR
65653	ZM_132_B2_D07		ZM_132_B2_D07_MR
65654	ZM_132_B2_D08		ZM_132_B2_D08_MR
65655	ZM_132_B2_D10		ZM_132_B2_D10_MR
65656	ZM_132_B2_D11		ZM_132_B2_D11_MR
65657	ZM_132_B2_D12		ZM_132_B2_D12_MR
65658	ZM_132_B2_E01		ZM_132_B2_E01_MR
65659	ZM_132_B2_E02		ZM_132_B2_E02_MR
65660	ZM_132_B2_E04		ZM_132_B2_E04_MR
65661	ZM_132_B2_E05		ZM_132_B2_E05_MR
65662	ZM_132_B2_E09		ZM_132_B2_E09_MR
65663	ZM_132_B2_E10		ZM_132_B2_E10_MR
65664	ZM_132_B2_E12		ZM_132_B2_E12_MR
65665	ZM_132_B2_F01		ZM_132_B2_F01_MR
65666	ZM_132_B2_F02		ZM_132_B2_F02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65667	ZM_132_B2_F04		ZM_132_B2_F04_MR
65668	ZM_132_B2_F05		ZM_132_B2_F05_MR
65669	ZM_132_B2_F06		ZM_132_B2_F06_MR
65670	ZM_132_B2_F07		ZM_132_B2_F07_MR
65671	ZM_132_B2_F08		ZM_132_B2_F08_MR
65672	ZM_132_B2_F09		ZM_132_B2_F09_MR
65673	ZM_132_B2_F10		ZM_132_B2_F10_MR
65674	ZM_132_B2_F11		ZM_132_B2_F11_MR
65675	ZM_132_B2_G01		ZM_132_B2_G01_MR
65676	ZM_132_B2_G02		ZM_132_B2_G02_MR
65677	ZM_132_B2_G03		ZM_132_B2_G03_MR
65678	ZM_132_B2_G04		ZM_132_B2_G04_MR
65679	ZM_132_B2_G06		ZM_132_B2_G06_MR
65680	ZM_132_B2_G07		ZM_132_B2_G07_MR
65681	ZM_132_B2_G08		ZM_132_B2_G08_MR
65682	ZM_132_B2_G09		ZM_132_B2_G09_MR
65683	ZM_132_B2_G10		ZM_132_B2_G10_MR
65684	ZM_132_B2_G11		ZM_132_B2_G11_MR
65685	ZM_132_B2_H01		ZM_132_B2_H01_MR
65686	ZM_132_B2_H02		ZM_132_B2_H02_MR
65687	ZM_132_B2_H03		ZM_132_B2_H03_MR
65688	ZM_132_B2_H04		ZM_132_B2_H04_MR
65689	ZM_132_B2_H05		ZM_132_B2_H05_MR
65690	ZM_132_B2_H06		ZM_132_B2_H06_MR
65691	ZM_132_B2_H07		ZM_132_B2_H07_MR
65692	ZM_132_B2_H08		ZM_132_B2_H08_MR
65693	ZM_132_B2_H12		ZM_132_B2_H12_MR
65694	ZM_133_A1_A01	ZM_133_A1_A01_T7C	
65695	ZM_133_A1_A01		ZM_133_A1_A01_MR
65696	ZM_133_A1_A02	ZM_133_A1_A02_T7C	
65697	ZM_133_A1_A02		ZM_133_A1_A02_MR
65698	ZM_133_A1_A03	ZM_133_A1_A03_T7C	
65699	ZM_133_A1_A03		ZM_133_A1_A03_MR
65700	ZM_133_A1_A04	ZM_133_A1_A04_T7C	
65701	ZM_133_A1_A04		ZM_133_A1_A04_MR
65702	ZM_133_A1_A05	ZM_133_A1_A05_T7C	
65703	ZM_133_A1_A05		ZM_133_A1_A05_MR
65704	ZM_133_A1_A06	ZM_133_A1_A06_T7C	
65705	ZM_133_A1_A06		ZM_133_A1_A06_MR
65706	ZM_133_A1_A07	ZM_133_A1_A07_T7C	
65707	ZM_133_A1_A07		ZM_133_A1_A07_MR
65708	ZM_133_A1_A08	ZM_133_A1_A08_T7C	
65709	ZM_133_A1_A09	ZM_133_A1_A09_T7C	
65710	ZM_133_A1_A09		ZM_133_A1_A09_MR
65711	ZM_133_A1_A10	ZM_133_A1_A10_T7C	
65712	ZM_133_A1_A10		ZM_133_A1_A10_MR
65713	ZM_133_A1_A11	ZM_133_A1_A11_T7C	
65714	ZM_133_A1_A11		ZM_133_A1_A11_MR
65715	ZM_133_A1_A12	ZM_133_A1_A12_T7C	
65716	ZM_133_A1_A12		ZM_133_A1_A12_MR
65717	ZM_133_A1_B01		ZM_133_A1_B01_MR
65718	ZM_133_A1_B02	ZM_133_A1_B02_T7C	
65719	ZM_133_A1_B02		ZM_133_A1_B02_MR
65720	ZM_133_A1_B03	ZM_133_A1_B03_T7C	
65721	ZM_133_A1_B03		ZM_133_A1_B03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65722	ZM_133_A1_B04	ZM_133_A1_B04_T7C	
65723	ZM_133_A1_B04		ZM_133_A1_B04_MR
65724	ZM_133_A1_B05	ZM_133_A1_B05_T7C	
65725	ZM_133_A1_B05		ZM_133_A1_B05_MR
65726	ZM_133_A1_B06	ZM_133_A1_B06_T7C	
65727	ZM_133_A1_B06		ZM_133_A1_B06_MR
65728	ZM_133_A1_B07	ZM_133_A1_B07_T7C	
65729	ZM_133_A1_B07		ZM_133_A1_B07_MR
65730	ZM_133_A1_B08	ZM_133_A1_B08_T7C	
65731	ZM_133_A1_B08		ZM_133_A1_B08_MR
65732	ZM_133_A1_B09	ZM_133_A1_B09_T7C	
65733	ZM_133_A1_B09		ZM_133_A1_B09_MR
65734	ZM_133_A1_B10	ZM_133_A1_B10_T7C	
65735	ZM_133_A1_B10		ZM_133_A1_B10_MR
65736	ZM_133_A1_B11	ZM_133_A1_B11_T7C	
65737	ZM_133_A1_B11		ZM_133_A1_B11_MR
65738	ZM_133_A1_B12	ZM_133_A1_B12_T7C	
65739	ZM_133_A1_B12		ZM_133_A1_B12_MR
65740	ZM_133_A1_C01	ZM_133_A1_C01_T7C	
65741	ZM_133_A1_C01		ZM_133_A1_C01_MR
65742	ZM_133_A1_C02	ZM_133_A1_C02_T7C	
65743	ZM_133_A1_C02		ZM_133_A1_C02_MR
65744	ZM_133_A1_C03	ZM_133_A1_C03_T7C	
65745	ZM_133_A1_C03		ZM_133_A1_C03_MR
65746	ZM_133_A1_C04	ZM_133_A1_C04_T7C	
65747	ZM_133_A1_C04		ZM_133_A1_C04_MR
65748	ZM_133_A1_C05		ZM_133_A1_C05_MR
65749	ZM_133_A1_C06	ZM_133_A1_C06_T7C	
65750	ZM_133_A1_C07	ZM_133_A1_C07_T7C	
65751	ZM_133_A1_C07		ZM_133_A1_C07_MR
65752	ZM_133_A1_C08	ZM_133_A1_C08_T7C	
65753	ZM_133_A1_C08		ZM_133_A1_C08_MR
65754	ZM_133_A1_C09	ZM_133_A1_C09_T7C	
65755	ZM_133_A1_C09		ZM_133_A1_C09_MR
65756	ZM_133_A1_C10	ZM_133_A1_C10_T7C	
65757	ZM_133_A1_C10		ZM_133_A1_C10_MR
65758	ZM_133_A1_C11	ZM_133_A1_C11_T7C	
65759	ZM_133_A1_C11		ZM_133_A1_C11_MR
65760	ZM_133_A1_C12	ZM_133_A1_C12_T7C	
65761	ZM_133_A1_C12		ZM_133_A1_C12_MR
65762	ZM_133_A1_D01	ZM_133_A1_D01_T7C	
65763	ZM_133_A1_D01		ZM_133_A1_D01_MR
65764	ZM_133_A1_D02	ZM_133_A1_D02_T7C	
65765	ZM_133_A1_D02		ZM_133_A1_D02_MR
65766	ZM_133_A1_D03	ZM_133_A1_D03_T7C	
65767	ZM_133_A1_D03		ZM_133_A1_D03_MR
65768	ZM_133_A1_D05	ZM_133_A1_D05_T7C	
65769	ZM_133_A1_D05		ZM_133_A1_D05_MR
65770	ZM_133_A1_D06	ZM_133_A1_D06_T7C	
65771	ZM_133_A1_D06		ZM_133_A1_D06_MR
65772	ZM_133_A1_D07	ZM_133_A1_D07_T7C	
65773	ZM_133_A1_D07		ZM_133_A1_D07_MR
65774	ZM_133_A1_D08	ZM_133_A1_D08_T7C	
65775	ZM_133_A1_D08		ZM_133_A1_D08_MR
65776	ZM_133_A1_D09	ZM_133_A1_D09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65777	ZM_133_A1_D09		ZM_133_A1_D09_MR
65778	ZM_133_A1_D10	ZM_133_A1_D10_T7C	
65779	ZM_133_A1_D10		ZM_133_A1_D10_MR
65780	ZM_133_A1_D11	ZM_133_A1_D11_T7C	
65781	ZM_133_A1_D11		ZM_133_A1_D11_MR
65782	ZM_133_A1_D12	ZM_133_A1_D12_T7C	
65783	ZM_133_A1_D12		ZM_133_A1_D12_MR
65784	ZM_133_A1_E01	ZM_133_A1_E01_T7C	
65785	ZM_133_A1_E01		ZM_133_A1_E01_MR
65786	ZM_133_A1_E02	ZM_133_A1_E02_T7C	
65787	ZM_133_A1_E02		ZM_133_A1_E02_MR
65788	ZM_133_A1_E03	ZM_133_A1_E03_T7C	
65789	ZM_133_A1_E03		ZM_133_A1_E03_MR
65790	ZM_133_A1_E04	ZM_133_A1_E04_T7C	
65791	ZM_133_A1_E04		ZM_133_A1_E04_MR
65792	ZM_133_A1_E05	ZM_133_A1_E05_T7C	
65793	ZM_133_A1_E05		ZM_133_A1_E05_MR
65794	ZM_133_A1_E06	ZM_133_A1_E06_T7C	
65795	ZM_133_A1_E06		ZM_133_A1_E06_MR
65796	ZM_133_A1_E07	ZM_133_A1_E07_T7C	
65797	ZM_133_A1_E07		ZM_133_A1_E07_MR
65798	ZM_133_A1_E08	ZM_133_A1_E08_T7C	
65799	ZM_133_A1_E08		ZM_133_A1_E08_MR
65800	ZM_133_A1_E09	ZM_133_A1_E09_T7C	
65801	ZM_133_A1_E09		ZM_133_A1_E09_MR
65802	ZM_133_A1_E10	ZM_133_A1_E10_T7C	
65803	ZM_133_A1_E10		ZM_133_A1_E10_MR
65804	ZM_133_A1_E11	ZM_133_A1_E11_T7C	
65805	ZM_133_A1_E11		ZM_133_A1_E11_MR
65806	ZM_133_A1_E12	ZM_133_A1_E12_T7C	
65807	ZM_133_A1_E12		ZM_133_A1_E12_MR
65808	ZM_133_A1_F01	ZM_133_A1_F01_T7C	
65809	ZM_133_A1_F01		ZM_133_A1_F01_MR
65810	ZM_133_A1_F02	ZM_133_A1_F02_T7C	
65811	ZM_133_A1_F02		ZM_133_A1_F02_MR
65812	ZM_133_A1_F03		ZM_133_A1_F03_MR
65813	ZM_133_A1_F04	ZM_133_A1_F04_T7C	
65814	ZM_133_A1_F04		ZM_133_A1_F04_MR
65815	ZM_133_A1_F05	ZM_133_A1_F05_T7C	
65816	ZM_133_A1_F05		ZM_133_A1_F05_MR
65817	ZM_133_A1_F06	ZM_133_A1_F06_T7C	
65818	ZM_133_A1_F06		ZM_133_A1_F06_MR
65819	ZM_133_A1_F07	ZM_133_A1_F07_T7C	
65820	ZM_133_A1_F07		ZM_133_A1_F07_MR
65821	ZM_133_A1_F08	ZM_133_A1_F08_T7C	
65822	ZM_133_A1_F08		ZM_133_A1_F08_MR
65823	ZM_133_A1_F09	ZM_133_A1_F09_T7C	
65824	ZM_133_A1_F09		ZM_133_A1_F09_MR
65825	ZM_133_A1_F10	ZM_133_A1_F10_T7C	
65826	ZM_133_A1_F10		ZM_133_A1_F10_MR
65827	ZM_133_A1_F11	ZM_133_A1_F11_T7C	
65828	ZM_133_A1_F11		ZM_133_A1_F11_MR
65829	ZM_133_A1_F12	ZM_133_A1_F12_T7C	
65830	ZM_133_A1_F12		ZM_133_A1_F12_MR
65831	ZM_133_A1_G01	ZM_133_A1_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65832	ZM_133_A1_G02	ZM_133_A1_G02_T7C	
65833	ZM_133_A1_G02		ZM_133_A1_G02_MR
65834	ZM_133_A1_G03	ZM_133_A1_G03_T7C	
65835	ZM_133_A1_G03		ZM_133_A1_G03_MR
65836	ZM_133_A1_G05	ZM_133_A1_G05_T7C	
65837	ZM_133_A1_G07	ZM_133_A1_G07_T7C	
65838	ZM_133_A1_G07		ZM_133_A1_G07_MR
65839	ZM_133_A1_G08	ZM_133_A1_G08_T7C	
65840	ZM_133_A1_G08		ZM_133_A1_G08_MR
65841	ZM_133_A1_G09	ZM_133_A1_G09_T7C	
65842	ZM_133_A1_G09		ZM_133_A1_G09_MR
65843	ZM_133_A1_G10	ZM_133_A1_G10_T7C	
65844	ZM_133_A1_G10		ZM_133_A1_G10_MR
65845	ZM_133_A1_G11	ZM_133_A1_G11_T7C	
65846	ZM_133_A1_G11		ZM_133_A1_G11_MR
65847	ZM_133_A1_G12	ZM_133_A1_G12_T7C	
65848	ZM_133_A1_G12		ZM_133_A1_G12_MR
65849	ZM_133_A1_H01	ZM_133_A1_H01_T7C	
65850	ZM_133_A1_H01		ZM_133_A1_H01_MR
65851	ZM_133_A1_H02	ZM_133_A1_H02_T7C	
65852	ZM_133_A1_H02		ZM_133_A1_H02_MR
65853	ZM_133_A1_H03	ZM_133_A1_H03_T7C	
65854	ZM_133_A1_H03		ZM_133_A1_H03_MR
65855	ZM_133_A1_H04	ZM_133_A1_H04_T7C	
65856	ZM_133_A1_H04		ZM_133_A1_H04_MR
65857	ZM_133_A1_H05	ZM_133_A1_H05_T7C	
65858	ZM_133_A1_H05		ZM_133_A1_H05_MR
65859	ZM_133_A1_H06	ZM_133_A1_H06_T7C	
65860	ZM_133_A1_H06		ZM_133_A1_H06_MR
65861	ZM_133_A1_H07	ZM_133_A1_H07_T7C	
65862	ZM_133_A1_H07		ZM_133_A1_H07_MR
65863	ZM_133_A1_H08	ZM_133_A1_H08_T7C	
65864	ZM_133_A1_H08		ZM_133_A1_H08_MR
65865	ZM_133_A1_H09	ZM_133_A1_H09_T7C	
65866	ZM_133_A1_H09		ZM_133_A1_H09_MR
65867	ZM_133_A1_H10	ZM_133_A1_H10_T7C	
65868	ZM_133_A1_H10		ZM_133_A1_H10_MR
65869	ZM_133_A1_H11	ZM_133_A1_H11_T7C	
65870	ZM_133_A1_H11		ZM_133_A1_H11_MR
65871	ZM_133_A1_H12	ZM_133_A1_H12_T7C	
65872	ZM_133_A1_H12		ZM_133_A1_H12_MR
65873	ZM_133_A2_A01		ZM_133_A2_A01_MR
65874	ZM_133_A2_A02	ZM_133_A2_A02_T7C	
65875	ZM_133_A2_A02		ZM_133_A2_A02_MR
65876	ZM_133_A2_A03	ZM_133_A2_A03_T7C	
65877	ZM_133_A2_A03		ZM_133_A2_A03_MR
65878	ZM_133_A2_A04	ZM_133_A2_A04_T7C	
65879	ZM_133_A2_A04		ZM_133_A2_A04_MR
65880	ZM_133_A2_A05	ZM_133_A2_A05_T7C	
65881	ZM_133_A2_A05		ZM_133_A2_A05_MR
65882	ZM_133_A2_A06	ZM_133_A2_A06_T7C	
65883	ZM_133_A2_A06		ZM_133_A2_A06_MR
65884	ZM_133_A2_A07	ZM_133_A2_A07_T7C	
65885	ZM_133_A2_A07		ZM_133_A2_A07_MR
65886	ZM_133_A2_A08	ZM_133_A2_A08_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65887	ZM_133_A2_A08		ZM_133_A2_A08_MR
65888	ZM_133_A2_A09	ZM_133_A2_A09_T7C	
65889	ZM_133_A2_A09		ZM_133_A2_A09_MR
65890	ZM_133_A2_A10	ZM_133_A2_A10_T7C	
65891	ZM_133_A2_A10		ZM_133_A2_A10_MR
65892	ZM_133_A2_A11	ZM_133_A2_A11_T7C	
65893	ZM_133_A2_A11		ZM_133_A2_A11_MR
65894	ZM_133_A2_A12	ZM_133_A2_A12_T7C	
65895	ZM_133_A2_A12		ZM_133_A2_A12_MR
65896	ZM_133_A2_B01	ZM_133_A2_B01_T7C	
65897	ZM_133_A2_B01		ZM_133_A2_B01_MR
65898	ZM_133_A2_B02	ZM_133_A2_B02_T7C	
65899	ZM_133_A2_B02		ZM_133_A2_B02_MR
65900	ZM_133_A2_B03	ZM_133_A2_B03_T7C	
65901	ZM_133_A2_B03		ZM_133_A2_B03_MR
65902	ZM_133_A2_B04	ZM_133_A2_B04_T7C	
65903	ZM_133_A2_B04		ZM_133_A2_B04_MR
65904	ZM_133_A2_B05	ZM_133_A2_B05_T7C	
65905	ZM_133_A2_B05		ZM_133_A2_B05_MR
65906	ZM_133_A2_B06	ZM_133_A2_B06_T7C	
65907	ZM_133_A2_B06		ZM_133_A2_B06_MR
65908	ZM_133_A2_B07	ZM_133_A2_B07_T7C	
65909	ZM_133_A2_B07		ZM_133_A2_B07_MR
65910	ZM_133_A2_B08	ZM_133_A2_B08_T7C	
65911	ZM_133_A2_B08		ZM_133_A2_B08_MR
65912	ZM_133_A2_B09	ZM_133_A2_B09_T7C	
65913	ZM_133_A2_B09		ZM_133_A2_B09_MR
65914	ZM_133_A2_B10	ZM_133_A2_B10_T7C	
65915	ZM_133_A2_B10		ZM_133_A2_B10_MR
65916	ZM_133_A2_B11	ZM_133_A2_B11_T7C	
65917	ZM_133_A2_B11		ZM_133_A2_B11_MR
65918	ZM_133_A2_B12	ZM_133_A2_B12_T7C	
65919	ZM_133_A2_B12		ZM_133_A2_B12_MR
65920	ZM_133_A2_C01	ZM_133_A2_C01_T7C	
65921	ZM_133_A2_C01		ZM_133_A2_C01_MR
65922	ZM_133_A2_C02	ZM_133_A2_C02_T7C	
65923	ZM_133_A2_C02		ZM_133_A2_C02_MR
65924	ZM_133_A2_C03	ZM_133_A2_C03_T7C	
65925	ZM_133_A2_C03		ZM_133_A2_C03_MR
65926	ZM_133_A2_C04	ZM_133_A2_C04_T7C	
65927	ZM_133_A2_C04		ZM_133_A2_C04_MR
65928	ZM_133_A2_C05	ZM_133_A2_C05_T7C	
65929	ZM_133_A2_C05		ZM_133_A2_C05_MR
65930	ZM_133_A2_C06	ZM_133_A2_C06_T7C	
65931	ZM_133_A2_C06		ZM_133_A2_C06_MR
65932	ZM_133_A2_C07	ZM_133_A2_C07_T7C	
65933	ZM_133_A2_C07		ZM_133_A2_C07_MR
65934	ZM_133_A2_C08	ZM_133_A2_C08_T7C	
65935	ZM_133_A2_C08		ZM_133_A2_C08_MR
65936	ZM_133_A2_C09	ZM_133_A2_C09_T7C	
65937	ZM_133_A2_C09		ZM_133_A2_C09_MR
65938	ZM_133_A2_C10		ZM_133_A2_C10_MR
65939	ZM_133_A2_C11	ZM_133_A2_C11_T7C	
65940	ZM_133_A2_C11		ZM_133_A2_C11_MR
65941	ZM_133_A2_C12	ZM_133_A2_C12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65942	ZM_133_A2_C12		ZM_133_A2_C12_MR
65943	ZM_133_A2_D01	ZM_133_A2_D01_T7C	
65944	ZM_133_A2_D01		ZM_133_A2_D01_MR
65945	ZM_133_A2_D02	ZM_133_A2_D02_T7C	
65946	ZM_133_A2_D02		ZM_133_A2_D02_MR
65947	ZM_133_A2_D03	ZM_133_A2_D03_T7C	
65948	ZM_133_A2_D03		ZM_133_A2_D03_MR
65949	ZM_133_A2_D04	ZM_133_A2_D04_T7C	
65950	ZM_133_A2_D04		ZM_133_A2_D04_MR
65951	ZM_133_A2_D05		ZM_133_A2_D05_MR
65952	ZM_133_A2_D06	ZM_133_A2_D06_T7C	
65953	ZM_133_A2_D06		ZM_133_A2_D06_MR
65954	ZM_133_A2_D07	ZM_133_A2_D07_T7C	
65955	ZM_133_A2_D07		ZM_133_A2_D07_MR
65956	ZM_133_A2_D09	ZM_133_A2_D09_T7C	
65957	ZM_133_A2_D09		ZM_133_A2_D09_MR
65958	ZM_133_A2_D10	ZM_133_A2_D10_T7C	
65959	ZM_133_A2_D10		ZM_133_A2_D10_MR
65960	ZM_133_A2_D11	ZM_133_A2_D11_T7C	
65961	ZM_133_A2_D11		ZM_133_A2_D11_MR
65962	ZM_133_A2_D12	ZM_133_A2_D12_T7C	
65963	ZM_133_A2_D12		ZM_133_A2_D12_MR
65964	ZM_133_A2_E01		ZM_133_A2_E01_MR
65965	ZM_133_A2_E02	ZM_133_A2_E02_T7C	
65966	ZM_133_A2_E02		ZM_133_A2_E02_MR
65967	ZM_133_A2_E03	ZM_133_A2_E03_T7C	
65968	ZM_133_A2_E03		ZM_133_A2_E03_MR
65969	ZM_133_A2_E04	ZM_133_A2_E04_T7C	
65970	ZM_133_A2_E04		ZM_133_A2_E04_MR
65971	ZM_133_A2_E05	ZM_133_A2_E05_T7C	
65972	ZM_133_A2_E05		ZM_133_A2_E05_MR
65973	ZM_133_A2_E06	ZM_133_A2_E06_T7C	
65974	ZM_133_A2_E06		ZM_133_A2_E06_MR
65975	ZM_133_A2_E07	ZM_133_A2_E07_T7C	
65976	ZM_133_A2_E07		ZM_133_A2_E07_MR
65977	ZM_133_A2_E08	ZM_133_A2_E08_T7C	
65978	ZM_133_A2_E08		ZM_133_A2_E08_MR
65979	ZM_133_A2_E09		ZM_133_A2_E09_MR
65980	ZM_133_A2_E10	ZM_133_A2_E10_T7C	
65981	ZM_133_A2_E10		ZM_133_A2_E10_MR
65982	ZM_133_A2_E11	ZM_133_A2_E11_T7C	
65983	ZM_133_A2_E11		ZM_133_A2_E11_MR
65984	ZM_133_A2_E12	ZM_133_A2_E12_T7C	
65985	ZM_133_A2_E12		ZM_133_A2_E12_MR
65986	ZM_133_A2_F01	ZM_133_A2_F01_T7C	
65987	ZM_133_A2_F01		ZM_133_A2_F01_MR
65988	ZM_133_A2_F02	ZM_133_A2_F02_T7C	
65989	ZM_133_A2_F02		ZM_133_A2_F02_MR
65990	ZM_133_A2_F03	ZM_133_A2_F03_T7C	
65991	ZM_133_A2_F03		ZM_133_A2_F03_MR
65992	ZM_133_A2_F04	ZM_133_A2_F04_T7C	
65993	ZM_133_A2_F04		ZM_133_A2_F04_MR
65994	ZM_133_A2_F05	ZM_133_A2_F05_T7C	
65995	ZM_133_A2_F05		ZM_133_A2_F05_MR
65996	ZM_133_A2_F06	ZM_133_A2_F06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
65997	ZM_133_A2_F06		ZM_133_A2_F06_MR
65998	ZM_133_A2_F07	ZM_133_A2_F07_T7C	
65999	ZM_133_A2_F08	ZM_133_A2_F08_T7C	
66000	ZM_133_A2_F08		ZM_133_A2_F08_MR
66001	ZM_133_A2_F09	ZM_133_A2_F09_T7C	
66002	ZM_133_A2_F09		ZM_133_A2_F09_MR
66003	ZM_133_A2_F10	ZM_133_A2_F10_T7C	
66004	ZM_133_A2_F10		ZM_133_A2_F10_MR
66005	ZM_133_A2_F11	ZM_133_A2_F11_T7C	
66006	ZM_133_A2_F11		ZM_133_A2_F11_MR
66007	ZM_133_A2_F12	ZM_133_A2_F12_T7C	
66008	ZM_133_A2_F12		ZM_133_A2_F12_MR
66009	ZM_133_A2_G01	ZM_133_A2_G01_T7C	
66010	ZM_133_A2_G01		ZM_133_A2_G01_MR
66011	ZM_133_A2_G02	ZM_133_A2_G02_T7C	
66012	ZM_133_A2_G02		ZM_133_A2_G02_MR
66013	ZM_133_A2_G03	ZM_133_A2_G03_T7C	
66014	ZM_133_A2_G03		ZM_133_A2_G03_MR
66015	ZM_133_A2_G04	ZM_133_A2_G04_T7C	
66016	ZM_133_A2_G04		ZM_133_A2_G04_MR
66017	ZM_133_A2_G05	ZM_133_A2_G05_T7C	
66018	ZM_133_A2_G05		ZM_133_A2_G05_MR
66019	ZM_133_A2_G06	ZM_133_A2_G06_T7C	
66020	ZM_133_A2_G06		ZM_133_A2_G06_MR
66021	ZM_133_A2_G07	ZM_133_A2_G07_T7C	
66022	ZM_133_A2_G07		ZM_133_A2_G07_MR
66023	ZM_133_A2_G08	ZM_133_A2_G08_T7C	
66024	ZM_133_A2_G08		ZM_133_A2_G08_MR
66025	ZM_133_A2_G09	ZM_133_A2_G09_T7C	
66026	ZM_133_A2_G09		ZM_133_A2_G09_MR
66027	ZM_133_A2_G10	ZM_133_A2_G10_T7C	
66028	ZM_133_A2_G10		ZM_133_A2_G10_MR
66029	ZM_133_A2_G11	ZM_133_A2_G11_T7C	
66030	ZM_133_A2_G11		ZM_133_A2_G11_MR
66031	ZM_133_A2_G12	ZM_133_A2_G12_T7C	
66032	ZM_133_A2_G12		ZM_133_A2_G12_MR
66033	ZM_133_A2_H01	ZM_133_A2_H01_T7C	
66034	ZM_133_A2_H01		ZM_133_A2_H01_MR
66035	ZM_133_A2_H02	ZM_133_A2_H02_T7C	
66036	ZM_133_A2_H02		ZM_133_A2_H02_MR
66037	ZM_133_A2_H03	ZM_133_A2_H03_T7C	
66038	ZM_133_A2_H03		ZM_133_A2_H03_MR
66039	ZM_133_A2_H04	ZM_133_A2_H04_T7C	
66040	ZM_133_A2_H04		ZM_133_A2_H04_MR
66041	ZM_133_A2_H05	ZM_133_A2_H05_T7C	
66042	ZM_133_A2_H05		ZM_133_A2_H05_MR
66043	ZM_133_A2_H07	ZM_133_A2_H07_T7C	
66044	ZM_133_A2_H07		ZM_133_A2_H07_MR
66045	ZM_133_A2_H08	ZM_133_A2_H08_T7C	
66046	ZM_133_A2_H08		ZM_133_A2_H08_MR
66047	ZM_133_A2_H09	ZM_133_A2_H09_T7C	
66048	ZM_133_A2_H09		ZM_133_A2_H09_MR
66049	ZM_133_A2_H10	ZM_133_A2_H10_T7C	
66050	ZM_133_A2_H10		ZM_133_A2_H10_MR
66051	ZM_133_A2_H11	ZM_133_A2_H11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66052	ZM_133_A2_H11		ZM_133_A2_H11_MR
66053	ZM_133_A2_H12	ZM_133_A2_H12_T7C	
66054	ZM_133_A2_H12		ZM_133_A2_H12_MR
66055	ZM_133_B1_A02	ZM_133_B1_A02_T7C	
66056	ZM_133_B1_A02		ZM_133_B1_A02_MR
66057	ZM_133_B1_A03	ZM_133_B1_A03_T7C	
66058	ZM_133_B1_A03		ZM_133_B1_A03_MR
66059	ZM_133_B1_A04	ZM_133_B1_A04_T7C	
66060	ZM_133_B1_A04		ZM_133_B1_A04_MR
66061	ZM_133_B1_A05	ZM_133_B1_A05_T7C	
66062	ZM_133_B1_A05		ZM_133_B1_A05_MR
66063	ZM_133_B1_A06	ZM_133_B1_A06_T7C	
66064	ZM_133_B1_A06		ZM_133_B1_A06_MR
66065	ZM_133_B1_A07	ZM_133_B1_A07_T7C	
66066	ZM_133_B1_A07		ZM_133_B1_A07_MR
66067	ZM_133_B1_A08	ZM_133_B1_A08_T7C	
66068	ZM_133_B1_A08		ZM_133_B1_A08_MR
66069	ZM_133_B1_A10		ZM_133_B1_A10_MR
66070	ZM_133_B1_A11	ZM_133_B1_A11_T7C	
66071	ZM_133_B1_A11		ZM_133_B1_A11_MR
66072	ZM_133_B1_A12	ZM_133_B1_A12_T7C	
66073	ZM_133_B1_A12		ZM_133_B1_A12_MR
66074	ZM_133_B1_B01	ZM_133_B1_B01_T7C	
66075	ZM_133_B1_B01		ZM_133_B1_B01_MR
66076	ZM_133_B1_B02	ZM_133_B1_B02_T7C	
66077	ZM_133_B1_B02		ZM_133_B1_B02_MR
66078	ZM_133_B1_B03	ZM_133_B1_B03_T7C	
66079	ZM_133_B1_B03		ZM_133_B1_B03_MR
66080	ZM_133_B1_B04	ZM_133_B1_B04_T7C	
66081	ZM_133_B1_B04		ZM_133_B1_B04_MR
66082	ZM_133_B1_B05	ZM_133_B1_B05_T7C	
66083	ZM_133_B1_B05		ZM_133_B1_B05_MR
66084	ZM_133_B1_B06	ZM_133_B1_B06_T7C	
66085	ZM_133_B1_B06		ZM_133_B1_B06_MR
66086	ZM_133_B1_B07	ZM_133_B1_B07_T7C	
66087	ZM_133_B1_B07		ZM_133_B1_B07_MR
66088	ZM_133_B1_B08	ZM_133_B1_B08_T7C	
66089	ZM_133_B1_B08		ZM_133_B1_B08_MR
66090	ZM_133_B1_B09	ZM_133_B1_B09_T7C	
66091	ZM_133_B1_B09		ZM_133_B1_B09_MR
66092	ZM_133_B1_B10		ZM_133_B1_B10_MR
66093	ZM_133_B1_B11	ZM_133_B1_B11_T7C	
66094	ZM_133_B1_B11		ZM_133_B1_B11_MR
66095	ZM_133_B1_B12	ZM_133_B1_B12_T7C	
66096	ZM_133_B1_B12		ZM_133_B1_B12_MR
66097	ZM_133_B1_C01	ZM_133_B1_C01_T7C	
66098	ZM_133_B1_C01		ZM_133_B1_C01_MR
66099	ZM_133_B1_C02	ZM_133_B1_C02_T7C	
66100	ZM_133_B1_C02		ZM_133_B1_C02_MR
66101	ZM_133_B1_C03	ZM_133_B1_C03_T7C	
66102	ZM_133_B1_C03		ZM_133_B1_C03_MR
66103	ZM_133_B1_C04	ZM_133_B1_C04_T7C	
66104	ZM_133_B1_C04		ZM_133_B1_C04_MR
66105	ZM_133_B1_C05	ZM_133_B1_C05_T7C	
66106	ZM_133_B1_C05		ZM_133_B1_C05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66107	ZM_133_B1_C06	ZM_133_B1_C06_T7C	
66108	ZM_133_B1_C06		ZM_133_B1_C06_MR
66109	ZM_133_B1_C07	ZM_133_B1_C07_T7C	
66110	ZM_133_B1_C07		ZM_133_B1_C07_MR
66111	ZM_133_B1_C08	ZM_133_B1_C08_T7C	
66112	ZM_133_B1_C08		ZM_133_B1_C08_MR
66113	ZM_133_B1_C09	ZM_133_B1_C09_T7C	
66114	ZM_133_B1_C09		ZM_133_B1_C09_MR
66115	ZM_133_B1_C10	ZM_133_B1_C10_T7C	
66116	ZM_133_B1_C11		ZM_133_B1_C11_MR
66117	ZM_133_B1_C12		ZM_133_B1_C12_MR
66118	ZM_133_B1_D01	ZM_133_B1_D01_T7C	
66119	ZM_133_B1_D01		ZM_133_B1_D01_MR
66120	ZM_133_B1_D02	ZM_133_B1_D02_T7C	
66121	ZM_133_B1_D02		ZM_133_B1_D02_MR
66122	ZM_133_B1_D03	ZM_133_B1_D03_T7C	
66123	ZM_133_B1_D03		ZM_133_B1_D03_MR
66124	ZM_133_B1_D04	ZM_133_B1_D04_T7C	
66125	ZM_133_B1_D04		ZM_133_B1_D04_MR
66126	ZM_133_B1_D05	ZM_133_B1_D05_T7C	
66127	ZM_133_B1_D05		ZM_133_B1_D05_MR
66128	ZM_133_B1_D06	ZM_133_B1_D06_T7C	
66129	ZM_133_B1_D06		ZM_133_B1_D06_MR
66130	ZM_133_B1_D07	ZM_133_B1_D07_T7C	
66131	ZM_133_B1_D07		ZM_133_B1_D07_MR
66132	ZM_133_B1_D08	ZM_133_B1_D08_T7C	
66133	ZM_133_B1_D08		ZM_133_B1_D08_MR
66134	ZM_133_B1_D09	ZM_133_B1_D09_T7C	
66135	ZM_133_B1_D09		ZM_133_B1_D09_MR
66136	ZM_133_B1_D10	ZM_133_B1_D10_T7C	
66137	ZM_133_B1_D10		ZM_133_B1_D10_MR
66138	ZM_133_B1_D11	ZM_133_B1_D11_T7C	
66139	ZM_133_B1_D11		ZM_133_B1_D11_MR
66140	ZM_133_B1_D12	ZM_133_B1_D12_T7C	
66141	ZM_133_B1_D12		ZM_133_B1_D12_MR
66142	ZM_133_B1_E01	ZM_133_B1_E01_T7C	
66143	ZM_133_B1_E01		ZM_133_B1_E01_MR
66144	ZM_133_B1_E02	ZM_133_B1_E02_T7C	
66145	ZM_133_B1_E02		ZM_133_B1_E02_MR
66146	ZM_133_B1_E03		ZM_133_B1_E03_MR
66147	ZM_133_B1_E04	ZM_133_B1_E04_T7C	
66148	ZM_133_B1_E04		ZM_133_B1_E04_MR
66149	ZM_133_B1_E06	ZM_133_B1_E06_T7C	
66150	ZM_133_B1_E06		ZM_133_B1_E06_MR
66151	ZM_133_B1_E07	ZM_133_B1_E07_T7C	
66152	ZM_133_B1_E07		ZM_133_B1_E07_MR
66153	ZM_133_B1_E09	ZM_133_B1_E09_T7C	
66154	ZM_133_B1_E09		ZM_133_B1_E09_MR
66155	ZM_133_B1_E10	ZM_133_B1_E10_T7C	
66156	ZM_133_B1_E10		ZM_133_B1_E10_MR
66157	ZM_133_B1_E11		ZM_133_B1_E11_MR
66158	ZM_133_B1_E12	ZM_133_B1_E12_T7C	
66159	ZM_133_B1_E12		ZM_133_B1_E12_MR
66160	ZM_133_B1_F01	ZM_133_B1_F01_T7C	
66161	ZM_133_B1_F01		ZM_133_B1_F01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66162	ZM_133_B1_F02	ZM_133_B1_F02_T7C	
66163	ZM_133_B1_F02		ZM_133_B1_F02_MR
66164	ZM_133_B1_F03		ZM_133_B1_F03_MR
66165	ZM_133_B1_F04	ZM_133_B1_F04_T7C	
66166	ZM_133_B1_F04		ZM_133_B1_F04_MR
66167	ZM_133_B1_F05	ZM_133_B1_F05_T7C	
66168	ZM_133_B1_F05		ZM_133_B1_F05_MR
66169	ZM_133_B1_F06	ZM_133_B1_F06_T7C	
66170	ZM_133_B1_F06		ZM_133_B1_F06_MR
66171	ZM_133_B1_F07	ZM_133_B1_F07_T7C	
66172	ZM_133_B1_F07		ZM_133_B1_F07_MR
66173	ZM_133_B1_F08	ZM_133_B1_F08_T7C	
66174	ZM_133_B1_F08		ZM_133_B1_F08_MR
66175	ZM_133_B1_F09	ZM_133_B1_F09_T7C	
66176	ZM_133_B1_F09		ZM_133_B1_F09_MR
66177	ZM_133_B1_F10	ZM_133_B1_F10_T7C	
66178	ZM_133_B1_F11	ZM_133_B1_F11_T7C	
66179	ZM_133_B1_F11		ZM_133_B1_F11_MR
66180	ZM_133_B1_F12		ZM_133_B1_F12_MR
66181	ZM_133_B1_G01	ZM_133_B1_G01_T7C	
66182	ZM_133_B1_G01		ZM_133_B1_G01_MR
66183	ZM_133_B1_G02	ZM_133_B1_G02_T7C	
66184	ZM_133_B1_G02		ZM_133_B1_G02_MR
66185	ZM_133_B1_G03	ZM_133_B1_G03_T7C	
66186	ZM_133_B1_G03		ZM_133_B1_G03_MR
66187	ZM_133_B1_G04	ZM_133_B1_G04_T7C	
66188	ZM_133_B1_G04		ZM_133_B1_G04_MR
66189	ZM_133_B1_G05	ZM_133_B1_G05_T7C	
66190	ZM_133_B1_G05		ZM_133_B1_G05_MR
66191	ZM_133_B1_G06	ZM_133_B1_G06_T7C	
66192	ZM_133_B1_G06		ZM_133_B1_G06_MR
66193	ZM_133_B1_G07	ZM_133_B1_G07_T7C	
66194	ZM_133_B1_G07		ZM_133_B1_G07_MR
66195	ZM_133_B1_G08	ZM_133_B1_G08_T7C	
66196	ZM_133_B1_G08		ZM_133_B1_G08_MR
66197	ZM_133_B1_G09	ZM_133_B1_G09_T7C	
66198	ZM_133_B1_G09		ZM_133_B1_G09_MR
66199	ZM_133_B1_G10	ZM_133_B1_G10_T7C	
66200	ZM_133_B1_G10		ZM_133_B1_G10_MR
66201	ZM_133_B1_G11	ZM_133_B1_G11_T7C	
66202	ZM_133_B1_G11		ZM_133_B1_G11_MR
66203	ZM_133_B1_G12	ZM_133_B1_G12_T7C	
66204	ZM_133_B1_G12		ZM_133_B1_G12_MR
66205	ZM_133_B1_H01	ZM_133_B1_H01_T7C	
66206	ZM_133_B1_H01		ZM_133_B1_H01_MR
66207	ZM_133_B1_H02	ZM_133_B1_H02_T7C	
66208	ZM_133_B1_H02		ZM_133_B1_H02_MR
66209	ZM_133_B1_H03	ZM_133_B1_H03_T7C	
66210	ZM_133_B1_H03		ZM_133_B1_H03_MR
66211	ZM_133_B1_H04	ZM_133_B1_H04_T7C	
66212	ZM_133_B1_H04		ZM_133_B1_H04_MR
66213	ZM_133_B1_H05	ZM_133_B1_H05_T7C	
66214	ZM_133_B1_H05		ZM_133_B1_H05_MR
66215	ZM_133_B1_H06	ZM_133_B1_H06_T7C	
66216	ZM_133_B1_H06		ZM_133_B1_H06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66217	ZM_133_B1_H07	ZM_133_B1_H07_T7C	ZM_133_B1_H07_MR
66218	ZM_133_B1_H07		
66219	ZM_133_B1_H08	ZM_133_B1_H08_T7C	ZM_133_B1_H08_MR
66220	ZM_133_B1_H08		
66221	ZM_133_B1_H09	ZM_133_B1_H09_T7C	ZM_133_B1_H09_MR
66222	ZM_133_B1_H09		
66223	ZM_133_B1_H10	ZM_133_B1_H10_T7C	ZM_133_B1_H10_MR
66224	ZM_133_B1_H10		
66225	ZM_133_B1_H11	ZM_133_B1_H11_T7C	ZM_133_B1_H11_MR
66226	ZM_133_B1_H11		
66227	ZM_133_B1_H12	ZM_133_B1_H12_T7C	ZM_133_B1_H12_MR
66228	ZM_133_B1_H12		
66229	ZM_133_B2_A01	ZM_133_B2_A01_T7C	ZM_133_B2_A01_MR
66230	ZM_133_B2_A01		
66231	ZM_133_B2_A02	ZM_133_B2_A02_T7C	ZM_133_B2_A02_MR
66232	ZM_133_B2_A02		
66233	ZM_133_B2_A03	ZM_133_B2_A03_T7C	ZM_133_B2_A03_MR
66234	ZM_133_B2_A03		
66235	ZM_133_B2_A04	ZM_133_B2_A04_T7C	ZM_133_B2_A04_MR
66236	ZM_133_B2_A04		
66237	ZM_133_B2_A05	ZM_133_B2_A05_T7C	ZM_133_B2_A05_MR
66238	ZM_133_B2_A05		
66239	ZM_133_B2_A06	ZM_133_B2_A06_T7C	ZM_133_B2_A06_MR
66240	ZM_133_B2_A06		
66241	ZM_133_B2_A07	ZM_133_B2_A07_T7C	ZM_133_B2_A07_MR
66242	ZM_133_B2_A07		
66243	ZM_133_B2_A08	ZM_133_B2_A08_T7C	ZM_133_B2_A08_MR
66244	ZM_133_B2_A08		
66245	ZM_133_B2_A09	ZM_133_B2_A09_T7C	ZM_133_B2_A09_MR
66246	ZM_133_B2_A09		
66247	ZM_133_B2_A10	ZM_133_B2_A10_T7C	ZM_133_B2_A10_MR
66248	ZM_133_B2_A10		
66249	ZM_133_B2_A11	ZM_133_B2_A11_T7C	ZM_133_B2_A11_MR
66250	ZM_133_B2_A11		
66251	ZM_133_B2_A12	ZM_133_B2_A12_T7C	ZM_133_B2_A12_MR
66252	ZM_133_B2_A12		
66253	ZM_133_B2_B01	ZM_133_B2_B01_T7C	ZM_133_B2_B01_MR
66254	ZM_133_B2_B01		
66255	ZM_133_B2_B02	ZM_133_B2_B02_T7C	ZM_133_B2_B02_MR
66256	ZM_133_B2_B02		
66257	ZM_133_B2_B03	ZM_133_B2_B03_T7C	ZM_133_B2_B03_MR
66258	ZM_133_B2_B03		
66259	ZM_133_B2_B04	ZM_133_B2_B04_T7C	ZM_133_B2_B04_MR
66260	ZM_133_B2_B04		
66261	ZM_133_B2_B05	ZM_133_B2_B05_T7C	ZM_133_B2_B05_MR
66262	ZM_133_B2_B05		
66263	ZM_133_B2_B06	ZM_133_B2_B06_T7C	ZM_133_B2_B06_MR
66264	ZM_133_B2_B06		
66265	ZM_133_B2_B07	ZM_133_B2_B07_T7C	ZM_133_B2_B07_MR
66266	ZM_133_B2_B07		
66267	ZM_133_B2_B08	ZM_133_B2_B08_T7C	ZM_133_B2_B08_MR
66268	ZM_133_B2_B08		
66269	ZM_133_B2_B09	ZM_133_B2_B09_T7C	
66270	ZM_133_B2_B10	ZM_133_B2_B10_T7C	
66271	ZM_133_B2_B10		ZM_133_B2_B10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66272	ZM_133_B2_B11	ZM_133_B2_B11_T7C	ZM_133_B2_B11_MR
66273	ZM_133_B2_B11		
66274	ZM_133_B2_B12	ZM_133_B2_B12_T7C	ZM_133_B2_B12_MR
66275	ZM_133_B2_B12		
66276	ZM_133_B2_C01	ZM_133_B2_C01_T7C	ZM_133_B2_C01_MR
66277	ZM_133_B2_C01		
66278	ZM_133_B2_C02	ZM_133_B2_C02_T7C	ZM_133_B2_C02_MR
66279	ZM_133_B2_C02		
66280	ZM_133_B2_C03	ZM_133_B2_C03_T7C	ZM_133_B2_C03_MR
66281	ZM_133_B2_C03		
66282	ZM_133_B2_C04	ZM_133_B2_C04_T7C	ZM_133_B2_C04_MR
66283	ZM_133_B2_C04		
66284	ZM_133_B2_C05	ZM_133_B2_C05_T7C	ZM_133_B2_C05_MR
66285	ZM_133_B2_C05		ZM_133_B2_C06_MR
66286	ZM_133_B2_C06		
66287	ZM_133_B2_C07	ZM_133_B2_C07_T7C	ZM_133_B2_C07_MR
66288	ZM_133_B2_C07		
66289	ZM_133_B2_C08	ZM_133_B2_C08_T7C	ZM_133_B2_C08_MR
66290	ZM_133_B2_C08		
66291	ZM_133_B2_C09	ZM_133_B2_C09_T7C	
66292	ZM_133_B2_C10	ZM_133_B2_C10_T7C	ZM_133_B2_C10_MR
66293	ZM_133_B2_C10		
66294	ZM_133_B2_C11	ZM_133_B2_C11_T7C	ZM_133_B2_C11_MR
66295	ZM_133_B2_C11		
66296	ZM_133_B2_C12	ZM_133_B2_C12_T7C	ZM_133_B2_C12_MR
66297	ZM_133_B2_C12		
66298	ZM_133_B2_D01	ZM_133_B2_D01_T7C	ZM_133_B2_D01_MR
66299	ZM_133_B2_D01		
66300	ZM_133_B2_D02	ZM_133_B2_D02_T7C	
66301	ZM_133_B2_D02		ZM_133_B2_D02_MR
66302	ZM_133_B2_D03		ZM_133_B2_D03_MR
66303	ZM_133_B2_D04		ZM_133_B2_D04_MR
66304	ZM_133_B2_D05	ZM_133_B2_D05_T7C	ZM_133_B2_D05_MR
66305	ZM_133_B2_D05		
66306	ZM_133_B2_D06	ZM_133_B2_D06_T7C	ZM_133_B2_D06_MR
66307	ZM_133_B2_D06		
66308	ZM_133_B2_D07	ZM_133_B2_D07_T7C	ZM_133_B2_D07_MR
66309	ZM_133_B2_D07		
66310	ZM_133_B2_D08	ZM_133_B2_D08_T7C	ZM_133_B2_D08_MR
66311	ZM_133_B2_D08		
66312	ZM_133_B2_D09	ZM_133_B2_D09_T7C	ZM_133_B2_D09_MR
66313	ZM_133_B2_D09		
66314	ZM_133_B2_D10	ZM_133_B2_D10_T7C	ZM_133_B2_D10_MR
66315	ZM_133_B2_D10		
66316	ZM_133_B2_D11	ZM_133_B2_D11_T7C	ZM_133_B2_D11_MR
66317	ZM_133_B2_D11		
66318	ZM_133_B2_D12	ZM_133_B2_D12_T7C	ZM_133_B2_D12_MR
66319	ZM_133_B2_D12		
66320	ZM_133_B2_E01	ZM_133_B2_E01_T7C	ZM_133_B2_E01_MR
66321	ZM_133_B2_E01		
66322	ZM_133_B2_E02	ZM_133_B2_E02_T7C	ZM_133_B2_E02_MR
66323	ZM_133_B2_E02		
66324	ZM_133_B2_E03	ZM_133_B2_E03_T7C	
66325	ZM_133_B2_E03		ZM_133_B2_E03_MR
66326	ZM_133_B2_E04		ZM_133_B2_E04_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66327	ZM_133_B2_E05	ZM_133_B2_E05_T7C	
66328	ZM_133_B2_E05		ZM_133_B2_E05_MR
66329	ZM_133_B2_E07	ZM_133_B2_E07_T7C	
66330	ZM_133_B2_E07		ZM_133_B2_E07_MR
66331	ZM_133_B2_E08	ZM_133_B2_E08_T7C	
66332	ZM_133_B2_E08		ZM_133_B2_E08_MR
66333	ZM_133_B2_E09	ZM_133_B2_E09_T7C	
66334	ZM_133_B2_E09		ZM_133_B2_E09_MR
66335	ZM_133_B2_E10		ZM_133_B2_E10_MR
66336	ZM_133_B2_E11	ZM_133_B2_E11_T7C	
66337	ZM_133_B2_E11		ZM_133_B2_E11_MR
66338	ZM_133_B2_E12	ZM_133_B2_E12_T7C	
66339	ZM_133_B2_E12		ZM_133_B2_E12_MR
66340	ZM_133_B2_F01		ZM_133_B2_F01_MR
66341	ZM_133_B2_F02	ZM_133_B2_F02_T7C	
66342	ZM_133_B2_F02		ZM_133_B2_F02_MR
66343	ZM_133_B2_F03	ZM_133_B2_F03_T7C	
66344	ZM_133_B2_F03		ZM_133_B2_F03_MR
66345	ZM_133_B2_F04	ZM_133_B2_F04_T7C	
66346	ZM_133_B2_F04		ZM_133_B2_F04_MR
66347	ZM_133_B2_F05	ZM_133_B2_F05_T7C	
66348	ZM_133_B2_F05		ZM_133_B2_F05_MR
66349	ZM_133_B2_F06	ZM_133_B2_F06_T7C	
66350	ZM_133_B2_F06		ZM_133_B2_F06_MR
66351	ZM_133_B2_F07	ZM_133_B2_F07_T7C	
66352	ZM_133_B2_F07		ZM_133_B2_F07_MR
66353	ZM_133_B2_F08	ZM_133_B2_F08_T7C	
66354	ZM_133_B2_F08		ZM_133_B2_F08_MR
66355	ZM_133_B2_F09	ZM_133_B2_F09_T7C	
66356	ZM_133_B2_F09		ZM_133_B2_F09_MR
66357	ZM_133_B2_F10	ZM_133_B2_F10_T7C	
66358	ZM_133_B2_F10		ZM_133_B2_F10_MR
66359	ZM_133_B2_F11	ZM_133_B2_F11_T7C	
66360	ZM_133_B2_F11		ZM_133_B2_F11_MR
66361	ZM_133_B2_F12	ZM_133_B2_F12_T7C	
66362	ZM_133_B2_F12		ZM_133_B2_F12_MR
66363	ZM_133_B2_G02	ZM_133_B2_G02_T7C	
66364	ZM_133_B2_G02		ZM_133_B2_G02_MR
66365	ZM_133_B2_G03	ZM_133_B2_G03_T7C	
66366	ZM_133_B2_G03		ZM_133_B2_G03_MR
66367	ZM_133_B2_G04	ZM_133_B2_G04_T7C	
66368	ZM_133_B2_G04		ZM_133_B2_G04_MR
66369	ZM_133_B2_G06		ZM_133_B2_G06_MR
66370	ZM_133_B2_G07	ZM_133_B2_G07_T7C	
66371	ZM_133_B2_G07		ZM_133_B2_G07_MR
66372	ZM_133_B2_G08		ZM_133_B2_G08_MR
66373	ZM_133_B2_G09	ZM_133_B2_G09_T7C	
66374	ZM_133_B2_G09		ZM_133_B2_G09_MR
66375	ZM_133_B2_G10	ZM_133_B2_G10_T7C	
66376	ZM_133_B2_G10		ZM_133_B2_G10_MR
66377	ZM_133_B2_G11	ZM_133_B2_G11_T7C	
66378	ZM_133_B2_G11		ZM_133_B2_G11_MR
66379	ZM_133_B2_G12	ZM_133_B2_G12_T7C	
66380	ZM_133_B2_G12		ZM_133_B2_G12_MR
66381	ZM_133_B2_H01		ZM_133_B2_H01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66382	ZM_133_B2_H02	ZM_133_B2_H02_T7C	
66383	ZM_133_B2_H02		ZM_133_B2_H02_MR
66384	ZM_133_B2_H03	ZM_133_B2_H03_T7C	
66385	ZM_133_B2_H03		ZM_133_B2_H03_MR
66386	ZM_133_B2_H04		ZM_133_B2_H04_MR
66387	ZM_133_B2_H05		ZM_133_B2_H05_MR
66388	ZM_133_B2_H06	ZM_133_B2_H06_T7C	
66389	ZM_133_B2_H06		ZM_133_B2_H06_MR
66390	ZM_133_B2_H07	ZM_133_B2_H07_T7C	
66391	ZM_133_B2_H07		ZM_133_B2_H07_MR
66392	ZM_133_B2_H08	ZM_133_B2_H08_T7C	
66393	ZM_133_B2_H08		ZM_133_B2_H08_MR
66394	ZM_133_B2_H09	ZM_133_B2_H09_T7C	
66395	ZM_133_B2_H09		ZM_133_B2_H09_MR
66396	ZM_133_B2_H10	ZM_133_B2_H10_T7C	
66397	ZM_133_B2_H10		ZM_133_B2_H10_MR
66398	ZM_133_B2_H11	ZM_133_B2_H11_T7C	
66399	ZM_133_B2_H11		ZM_133_B2_H11_MR
66400	ZM_133_B2_H12	ZM_133_B2_H12_T7C	
66401	ZM_133_B2_H12		ZM_133_B2_H12_MR
66402	ZM_134_A1_A01	ZM_134_A1_A01_T7C	
66403	ZM_134_A1_A01		ZM_134_A1_A01_MR
66404	ZM_134_A1_A02	ZM_134_A1_A02_T7C	
66405	ZM_134_A1_A03	ZM_134_A1_A03_T7C	
66406	ZM_134_A1_A03		ZM_134_A1_A03_MR
66407	ZM_134_A1_A04	ZM_134_A1_A04_T7C	
66408	ZM_134_A1_A04		ZM_134_A1_A04_MR
66409	ZM_134_A1_A05	ZM_134_A1_A05_T7C	
66410	ZM_134_A1_A05		ZM_134_A1_A05_MR
66411	ZM_134_A1_A06	ZM_134_A1_A06_T7C	
66412	ZM_134_A1_A06		ZM_134_A1_A06_MR
66413	ZM_134_A1_A07	ZM_134_A1_A07_T7C	
66414	ZM_134_A1_A07		ZM_134_A1_A07_MR
66415	ZM_134_A1_A08	ZM_134_A1_A08_T7C	
66416	ZM_134_A1_A08		ZM_134_A1_A08_MR
66417	ZM_134_A1_A09	ZM_134_A1_A09_T7C	
66418	ZM_134_A1_A09		ZM_134_A1_A09_MR
66419	ZM_134_A1_A10	ZM_134_A1_A10_T7C	
66420	ZM_134_A1_A10		ZM_134_A1_A10_MR
66421	ZM_134_A1_A11	ZM_134_A1_A11_T7C	
66422	ZM_134_A1_A11		ZM_134_A1_A11_MR
66423	ZM_134_A1_A12	ZM_134_A1_A12_T7C	
66424	ZM_134_A1_A12		ZM_134_A1_A12_MR
66425	ZM_134_A1_B01	ZM_134_A1_B01_T7C	
66426	ZM_134_A1_B01		ZM_134_A1_B01_MR
66427	ZM_134_A1_B02	ZM_134_A1_B02_T7C	
66428	ZM_134_A1_B02		ZM_134_A1_B02_MR
66429	ZM_134_A1_B03	ZM_134_A1_B03_T7C	
66430	ZM_134_A1_B03		ZM_134_A1_B03_MR
66431	ZM_134_A1_B04	ZM_134_A1_B04_T7C	
66432	ZM_134_A1_B04		ZM_134_A1_B04_MR
66433	ZM_134_A1_B05	ZM_134_A1_B05_T7C	
66434	ZM_134_A1_B05		ZM_134_A1_B05_MR
66435	ZM_134_A1_B06	ZM_134_A1_B06_T7C	
66436	ZM_134_A1_B06		ZM_134_A1_B06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66437	ZM_134_A1_B07	ZM_134_A1_B07_T7C	ZM_134_A1_B07_MR
66438	ZM_134_A1_B07		
66439	ZM_134_A1_B08	ZM_134_A1_B08_T7C	ZM_134_A1_B08_MR
66440	ZM_134_A1_B08		
66441	ZM_134_A1_B09	ZM_134_A1_B09_T7C	ZM_134_A1_B09_MR
66442	ZM_134_A1_B09		
66443	ZM_134_A1_B10	ZM_134_A1_B10_T7C	ZM_134_A1_B10_MR
66444	ZM_134_A1_B10		
66445	ZM_134_A1_B11	ZM_134_A1_B11_T7C	ZM_134_A1_B11_MR
66446	ZM_134_A1_B11		
66447	ZM_134_A1_B12	ZM_134_A1_B12_T7C	ZM_134_A1_B12_MR
66448	ZM_134_A1_B12		
66449	ZM_134_A1_C01	ZM_134_A1_C01_T7C	ZM_134_A1_C01_MR
66450	ZM_134_A1_C01		ZM_134_A1_C02_MR
66451	ZM_134_A1_C02		
66452	ZM_134_A1_C03	ZM_134_A1_C03_T7C	ZM_134_A1_C03_MR
66453	ZM_134_A1_C03		
66454	ZM_134_A1_C05	ZM_134_A1_C05_T7C	ZM_134_A1_C05_MR
66455	ZM_134_A1_C05		
66456	ZM_134_A1_C06	ZM_134_A1_C06_T7C	ZM_134_A1_C06_MR
66457	ZM_134_A1_C06		
66458	ZM_134_A1_C07	ZM_134_A1_C07_T7C	ZM_134_A1_C07_MR
66459	ZM_134_A1_C07		
66460	ZM_134_A1_C08	ZM_134_A1_C08_T7C	ZM_134_A1_C08_MR
66461	ZM_134_A1_C08		
66462	ZM_134_A1_C09	ZM_134_A1_C09_T7C	ZM_134_A1_C09_MR
66463	ZM_134_A1_C09		
66464	ZM_134_A1_C10	ZM_134_A1_C10_T7C	ZM_134_A1_C10_MR
66465	ZM_134_A1_C10		
66466	ZM_134_A1_C11	ZM_134_A1_C11_T7C	ZM_134_A1_C11_MR
66467	ZM_134_A1_C11		
66468	ZM_134_A1_C12	ZM_134_A1_C12_T7C	ZM_134_A1_C12_MR
66469	ZM_134_A1_C12		
66470	ZM_134_A1_D01	ZM_134_A1_D01_T7C	
66471	ZM_134_A1_D02	ZM_134_A1_D02_T7C	ZM_134_A1_D02_MR
66472	ZM_134_A1_D02		
66473	ZM_134_A1_D03	ZM_134_A1_D03_T7C	ZM_134_A1_D03_MR
66474	ZM_134_A1_D03		
66475	ZM_134_A1_D04	ZM_134_A1_D04_T7C	ZM_134_A1_D04_MR
66476	ZM_134_A1_D04		
66477	ZM_134_A1_D05	ZM_134_A1_D05_T7C	ZM_134_A1_D05_MR
66478	ZM_134_A1_D05		
66479	ZM_134_A1_D06	ZM_134_A1_D06_T7C	ZM_134_A1_D06_MR
66480	ZM_134_A1_D06		
66481	ZM_134_A1_D07	ZM_134_A1_D07_T7C	ZM_134_A1_D07_MR
66482	ZM_134_A1_D07		
66483	ZM_134_A1_D08	ZM_134_A1_D08_T7C	ZM_134_A1_D08_MR
66484	ZM_134_A1_D08		
66485	ZM_134_A1_D09	ZM_134_A1_D09_T7C	ZM_134_A1_D09_MR
66486	ZM_134_A1_D09		
66487	ZM_134_A1_D10	ZM_134_A1_D10_T7C	ZM_134_A1_D10_MR
66488	ZM_134_A1_D10		
66489	ZM_134_A1_D11	ZM_134_A1_D11_T7C	ZM_134_A1_D11_MR
66490	ZM_134_A1_D11		
66491	ZM_134_A1_D12	ZM_134_A1_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66492	ZM_134_A1_D12		ZM_134_A1_D12_MR
66493	ZM_134_A1_E01	ZM_134_A1_E01_T7C	
66494	ZM_134_A1_E01		ZM_134_A1_E01_MR
66495	ZM_134_A1_E02	ZM_134_A1_E02_T7C	
66496	ZM_134_A1_E02		ZM_134_A1_E02_MR
66497	ZM_134_A1_E03	ZM_134_A1_E03_T7C	
66498	ZM_134_A1_E03		ZM_134_A1_E03_MR
66499	ZM_134_A1_E04	ZM_134_A1_E04_T7C	
66500	ZM_134_A1_E04		ZM_134_A1_E04_MR
66501	ZM_134_A1_E05	ZM_134_A1_E05_T7C	
66502	ZM_134_A1_E05		ZM_134_A1_E05_MR
66503	ZM_134_A1_E06	ZM_134_A1_E06_T7C	
66504	ZM_134_A1_E06		ZM_134_A1_E06_MR
66505	ZM_134_A1_E07	ZM_134_A1_E07_T7C	
66506	ZM_134_A1_E07		ZM_134_A1_E07_MR
66507	ZM_134_A1_E08	ZM_134_A1_E08_T7C	
66508	ZM_134_A1_E08		ZM_134_A1_E08_MR
66509	ZM_134_A1_E09	ZM_134_A1_E09_T7C	
66510	ZM_134_A1_E09		ZM_134_A1_E09_MR
66511	ZM_134_A1_E10	ZM_134_A1_E10_T7C	
66512	ZM_134_A1_E10		ZM_134_A1_E10_MR
66513	ZM_134_A1_E11	ZM_134_A1_E11_T7C	
66514	ZM_134_A1_E11		ZM_134_A1_E11_MR
66515	ZM_134_A1_E12	ZM_134_A1_E12_T7C	
66516	ZM_134_A1_E12		ZM_134_A1_E12_MR
66517	ZM_134_A1_F01	ZM_134_A1_F01_T7C	
66518	ZM_134_A1_F01		ZM_134_A1_F01_MR
66519	ZM_134_A1_F02	ZM_134_A1_F02_T7C	
66520	ZM_134_A1_F02		ZM_134_A1_F02_MR
66521	ZM_134_A1_F03	ZM_134_A1_F03_T7C	
66522	ZM_134_A1_F03		ZM_134_A1_F03_MR
66523	ZM_134_A1_F04	ZM_134_A1_F04_T7C	
66524	ZM_134_A1_F04		ZM_134_A1_F04_MR
66525	ZM_134_A1_F05	ZM_134_A1_F05_T7C	
66526	ZM_134_A1_F05		ZM_134_A1_F05_MR
66527	ZM_134_A1_F06	ZM_134_A1_F06_T7C	
66528	ZM_134_A1_F06		ZM_134_A1_F06_MR
66529	ZM_134_A1_F07	ZM_134_A1_F07_T7C	
66530	ZM_134_A1_F07		ZM_134_A1_F07_MR
66531	ZM_134_A1_F08	ZM_134_A1_F08_T7C	
66532	ZM_134_A1_F08		ZM_134_A1_F08_MR
66533	ZM_134_A1_F09	ZM_134_A1_F09_T7C	
66534	ZM_134_A1_F09		ZM_134_A1_F09_MR
66535	ZM_134_A1_F10	ZM_134_A1_F10_T7C	
66536	ZM_134_A1_F10		ZM_134_A1_F10_MR
66537	ZM_134_A1_F11	ZM_134_A1_F11_T7C	
66538	ZM_134_A1_F11		ZM_134_A1_F11_MR
66539	ZM_134_A1_F12		ZM_134_A1_F12_MR
66540	ZM_134_A1_G02	ZM_134_A1_G02_T7C	
66541	ZM_134_A1_G02		ZM_134_A1_G02_MR
66542	ZM_134_A1_G03		ZM_134_A1_G03_MR
66543	ZM_134_A1_G04	ZM_134_A1_G04_T7C	
66544	ZM_134_A1_G04		ZM_134_A1_G04_MR
66545	ZM_134_A1_G05	ZM_134_A1_G05_T7C	
66546	ZM_134_A1_G05		ZM_134_A1_G05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66547	ZM_134_A1_G06	ZM_134_A1_G06_T7C	
66548	ZM_134_A1_G06		ZM_134_A1_G06_MR
66549	ZM_134_A1_G07	ZM_134_A1_G07_T7C	
66550	ZM_134_A1_G07		ZM_134_A1_G07_MR
66551	ZM_134_A1_G08	ZM_134_A1_G08_T7C	
66552	ZM_134_A1_G08		ZM_134_A1_G08_MR
66553	ZM_134_A1_G09	ZM_134_A1_G09_T7C	
66554	ZM_134_A1_G09		ZM_134_A1_G09_MR
66555	ZM_134_A1_G10	ZM_134_A1_G10_T7C	
66556	ZM_134_A1_G10		ZM_134_A1_G10_MR
66557	ZM_134_A1_G11	ZM_134_A1_G11_T7C	
66558	ZM_134_A1_G11		ZM_134_A1_G11_MR
66559	ZM_134_A1_G12	ZM_134_A1_G12_T7C	
66560	ZM_134_A1_G12		ZM_134_A1_G12_MR
66561	ZM_134_A1_H01	ZM_134_A1_H01_T7C	
66562	ZM_134_A1_H01		ZM_134_A1_H01_MR
66563	ZM_134_A1_H02	ZM_134_A1_H02_T7C	
66564	ZM_134_A1_H02		ZM_134_A1_H02_MR
66565	ZM_134_A1_H03	ZM_134_A1_H03_T7C	
66566	ZM_134_A1_H03		ZM_134_A1_H03_MR
66567	ZM_134_A1_H04	ZM_134_A1_H04_T7C	
66568	ZM_134_A1_H05	ZM_134_A1_H05_T7C	
66569	ZM_134_A1_H05		ZM_134_A1_H05_MR
66570	ZM_134_A1_H06	ZM_134_A1_H06_T7C	
66571	ZM_134_A1_H06		ZM_134_A1_H06_MR
66572	ZM_134_A1_H09	ZM_134_A1_H09_T7C	
66573	ZM_134_A1_H09		ZM_134_A1_H09_MR
66574	ZM_134_A1_H10	ZM_134_A1_H10_T7C	
66575	ZM_134_A1_H10		ZM_134_A1_H10_MR
66576	ZM_134_A1_H11	ZM_134_A1_H11_T7C	
66577	ZM_134_A1_H11		ZM_134_A1_H11_MR
66578	ZM_134_A1_H12	ZM_134_A1_H12_T7C	
66579	ZM_134_A1_H12		ZM_134_A1_H12_MR
66580	ZM_134_A2_A01	ZM_134_A2_A01_T7C	
66581	ZM_134_A2_A01		ZM_134_A2_A01_MR
66582	ZM_134_A2_A02	ZM_134_A2_A02_T7C	
66583	ZM_134_A2_A02		ZM_134_A2_A02_MR
66584	ZM_134_A2_A03	ZM_134_A2_A03_T7C	
66585	ZM_134_A2_A03		ZM_134_A2_A03_MR
66586	ZM_134_A2_A04	ZM_134_A2_A04_T7C	
66587	ZM_134_A2_A04		ZM_134_A2_A04_MR
66588	ZM_134_A2_A05	ZM_134_A2_A05_T7C	
66589	ZM_134_A2_A05		ZM_134_A2_A05_MR
66590	ZM_134_A2_A06	ZM_134_A2_A06_T7C	
66591	ZM_134_A2_A06		ZM_134_A2_A06_MR
66592	ZM_134_A2_A07	ZM_134_A2_A07_T7C	
66593	ZM_134_A2_A07		ZM_134_A2_A07_MR
66594	ZM_134_A2_A08	ZM_134_A2_A08_T7C	
66595	ZM_134_A2_A08		ZM_134_A2_A08_MR
66596	ZM_134_A2_A09	ZM_134_A2_A09_T7C	
66597	ZM_134_A2_A09		ZM_134_A2_A09_MR
66598	ZM_134_A2_A10	ZM_134_A2_A10_T7C	
66599	ZM_134_A2_A10		ZM_134_A2_A10_MR
66600	ZM_134_A2_A11	ZM_134_A2_A11_T7C	
66601	ZM_134_A2_A11		ZM_134_A2_A11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66602	ZM_134_A2_A12	ZM_134_A2_A12_T7C	
66603	ZM_134_A2_A12		ZM_134_A2_A12_MR
66604	ZM_134_A2_B01	ZM_134_A2_B01_T7C	
66605	ZM_134_A2_B01		ZM_134_A2_B01_MR
66606	ZM_134_A2_B02	ZM_134_A2_B02_T7C	
66607	ZM_134_A2_B02		ZM_134_A2_B02_MR
66608	ZM_134_A2_B03	ZM_134_A2_B03_T7C	
66609	ZM_134_A2_B03		ZM_134_A2_B03_MR
66610	ZM_134_A2_B04	ZM_134_A2_B04_T7C	
66611	ZM_134_A2_B04		ZM_134_A2_B04_MR
66612	ZM_134_A2_B05	ZM_134_A2_B05_T7C	
66613	ZM_134_A2_B05		ZM_134_A2_B05_MR
66614	ZM_134_A2_B06	ZM_134_A2_B06_T7C	
66615	ZM_134_A2_B07	ZM_134_A2_B07_T7C	
66616	ZM_134_A2_B08	ZM_134_A2_B08_T7C	
66617	ZM_134_A2_B08		ZM_134_A2_B08_MR
66618	ZM_134_A2_B09	ZM_134_A2_B09_T7C	
66619	ZM_134_A2_B09		ZM_134_A2_B09_MR
66620	ZM_134_A2_B10	ZM_134_A2_B10_T7C	
66621	ZM_134_A2_B10		ZM_134_A2_B10_MR
66622	ZM_134_A2_B11	ZM_134_A2_B11_T7C	
66623	ZM_134_A2_B11		ZM_134_A2_B11_MR
66624	ZM_134_A2_B12	ZM_134_A2_B12_T7C	
66625	ZM_134_A2_B12		ZM_134_A2_B12_MR
66626	ZM_134_A2_C01	ZM_134_A2_C01_T7C	
66627	ZM_134_A2_C01		ZM_134_A2_C01_MR
66628	ZM_134_A2_C02	ZM_134_A2_C02_T7C	
66629	ZM_134_A2_C02		ZM_134_A2_C02_MR
66630	ZM_134_A2_C03	ZM_134_A2_C03_T7C	
66631	ZM_134_A2_C03		ZM_134_A2_C03_MR
66632	ZM_134_A2_C04	ZM_134_A2_C04_T7C	
66633	ZM_134_A2_C04		ZM_134_A2_C04_MR
66634	ZM_134_A2_C05	ZM_134_A2_C05_T7C	
66635	ZM_134_A2_C05		ZM_134_A2_C05_MR
66636	ZM_134_A2_C06	ZM_134_A2_C06_T7C	
66637	ZM_134_A2_C06		ZM_134_A2_C06_MR
66638	ZM_134_A2_C07	ZM_134_A2_C07_T7C	
66639	ZM_134_A2_C07		ZM_134_A2_C07_MR
66640	ZM_134_A2_C08	ZM_134_A2_C08_T7C	
66641	ZM_134_A2_C08		ZM_134_A2_C08_MR
66642	ZM_134_A2_C09	ZM_134_A2_C09_T7C	
66643	ZM_134_A2_C09		ZM_134_A2_C09_MR
66644	ZM_134_A2_C10	ZM_134_A2_C10_T7C	
66645	ZM_134_A2_C10		ZM_134_A2_C10_MR
66646	ZM_134_A2_C11	ZM_134_A2_C11_T7C	
66647	ZM_134_A2_C11		ZM_134_A2_C11_MR
66648	ZM_134_A2_C12	ZM_134_A2_C12_T7C	
66649	ZM_134_A2_C12		ZM_134_A2_C12_MR
66650	ZM_134_A2_D01	ZM_134_A2_D01_T7C	
66651	ZM_134_A2_D01		ZM_134_A2_D01_MR
66652	ZM_134_A2_D02	ZM_134_A2_D02_T7C	
66653	ZM_134_A2_D02		ZM_134_A2_D02_MR
66654	ZM_134_A2_D03	ZM_134_A2_D03_T7C	
66655	ZM_134_A2_D03		ZM_134_A2_D03_MR
66656	ZM_134_A2_D04	ZM_134_A2_D04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66657	ZM_134_A2_D04		ZM_134_A2_D04_MR
66658	ZM_134_A2_D05	ZM_134_A2_D05_T7C	
66659	ZM_134_A2_D05		ZM_134_A2_D05_MR
66660	ZM_134_A2_D06	ZM_134_A2_D06_T7C	
66661	ZM_134_A2_D06		ZM_134_A2_D06_MR
66662	ZM_134_A2_D07	ZM_134_A2_D07_T7C	
66663	ZM_134_A2_D07		ZM_134_A2_D07_MR
66664	ZM_134_A2_D08	ZM_134_A2_D08_T7C	
66665	ZM_134_A2_D08		ZM_134_A2_D08_MR
66666	ZM_134_A2_D09	ZM_134_A2_D09_T7C	
66667	ZM_134_A2_D09		ZM_134_A2_D09_MR
66668	ZM_134_A2_D10	ZM_134_A2_D10_T7C	
66669	ZM_134_A2_D10		ZM_134_A2_D10_MR
66670	ZM_134_A2_D11	ZM_134_A2_D11_T7C	
66671	ZM_134_A2_D11		ZM_134_A2_D11_MR
66672	ZM_134_A2_D12	ZM_134_A2_D12_T7C	
66673	ZM_134_A2_D12		ZM_134_A2_D12_MR
66674	ZM_134_A2_E01	ZM_134_A2_E01_T7C	
66675	ZM_134_A2_E01		ZM_134_A2_E01_MR
66676	ZM_134_A2_E02	ZM_134_A2_E02_T7C	
66677	ZM_134_A2_E03	ZM_134_A2_E03_T7C	
66678	ZM_134_A2_E03		ZM_134_A2_E03_MR
66679	ZM_134_A2_E04	ZM_134_A2_E04_T7C	
66680	ZM_134_A2_E04		ZM_134_A2_E04_MR
66681	ZM_134_A2_E05	ZM_134_A2_E05_T7C	
66682	ZM_134_A2_E05		ZM_134_A2_E05_MR
66683	ZM_134_A2_E06	ZM_134_A2_E06_T7C	
66684	ZM_134_A2_E06		ZM_134_A2_E06_MR
66685	ZM_134_A2_E07	ZM_134_A2_E07_T7C	
66686	ZM_134_A2_E07		ZM_134_A2_E07_MR
66687	ZM_134_A2_E08	ZM_134_A2_E08_T7C	
66688	ZM_134_A2_E08		ZM_134_A2_E08_MR
66689	ZM_134_A2_E09	ZM_134_A2_E09_T7C	
66690	ZM_134_A2_E09		ZM_134_A2_E09_MR
66691	ZM_134_A2_E10	ZM_134_A2_E10_T7C	
66692	ZM_134_A2_E10		ZM_134_A2_E10_MR
66693	ZM_134_A2_E11	ZM_134_A2_E11_T7C	
66694	ZM_134_A2_E11		ZM_134_A2_E11_MR
66695	ZM_134_A2_E12	ZM_134_A2_E12_T7C	
66696	ZM_134_A2_E12		ZM_134_A2_E12_MR
66697	ZM_134_A2_F01	ZM_134_A2_F01_T7C	
66698	ZM_134_A2_F01		ZM_134_A2_F01_MR
66699	ZM_134_A2_F02	ZM_134_A2_F02_T7C	
66700	ZM_134_A2_F02		ZM_134_A2_F02_MR
66701	ZM_134_A2_F03	ZM_134_A2_F03_T7C	
66702	ZM_134_A2_F03		ZM_134_A2_F03_MR
66703	ZM_134_A2_F04	ZM_134_A2_F04_T7C	
66704	ZM_134_A2_F04		ZM_134_A2_F04_MR
66705	ZM_134_A2_F05	ZM_134_A2_F05_T7C	
66706	ZM_134_A2_F05		ZM_134_A2_F05_MR
66707	ZM_134_A2_F06	ZM_134_A2_F06_T7C	
66708	ZM_134_A2_F07	ZM_134_A2_F07_T7C	
66709	ZM_134_A2_F07		ZM_134_A2_F07_MR
66710	ZM_134_A2_F08	ZM_134_A2_F08_T7C	
66711	ZM_134_A2_F08		ZM_134_A2_F08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66712	ZM_134_A2_F09	ZM_134_A2_F09_T7C	
66713	ZM_134_A2_F09		ZM_134_A2_F09_MR
66714	ZM_134_A2_F10	ZM_134_A2_F10_T7C	
66715	ZM_134_A2_F10		ZM_134_A2_F10_MR
66716	ZM_134_A2_F11	ZM_134_A2_F11_T7C	
66717	ZM_134_A2_F11		ZM_134_A2_F11_MR
66718	ZM_134_A2_F12	ZM_134_A2_F12_T7C	
66719	ZM_134_A2_F12		ZM_134_A2_F12_MR
66720	ZM_134_A2_G01	ZM_134_A2_G01_T7C	
66721	ZM_134_A2_G01		ZM_134_A2_G01_MR
66722	ZM_134_A2_G03	ZM_134_A2_G03_T7C	
66723	ZM_134_A2_G03		ZM_134_A2_G03_MR
66724	ZM_134_A2_G04		ZM_134_A2_G04_MR
66725	ZM_134_A2_G05	ZM_134_A2_G05_T7C	
66726	ZM_134_A2_G05		ZM_134_A2_G05_MR
66727	ZM_134_A2_G06	ZM_134_A2_G06_T7C	
66728	ZM_134_A2_G06		ZM_134_A2_G06_MR
66729	ZM_134_A2_G07	ZM_134_A2_G07_T7C	
66730	ZM_134_A2_G07		ZM_134_A2_G07_MR
66731	ZM_134_A2_G08	ZM_134_A2_G08_T7C	
66732	ZM_134_A2_G08		ZM_134_A2_G08_MR
66733	ZM_134_A2_G09	ZM_134_A2_G09_T7C	
66734	ZM_134_A2_G10	ZM_134_A2_G10_T7C	
66735	ZM_134_A2_G10		ZM_134_A2_G10_MR
66736	ZM_134_A2_G11	ZM_134_A2_G11_T7C	
66737	ZM_134_A2_G11		ZM_134_A2_G11_MR
66738	ZM_134_A2_G12	ZM_134_A2_G12_T7C	
66739	ZM_134_A2_G12		ZM_134_A2_G12_MR
66740	ZM_134_A2_H01	ZM_134_A2_H01_T7C	
66741	ZM_134_A2_H01		ZM_134_A2_H01_MR
66742	ZM_134_A2_H02	ZM_134_A2_H02_T7C	
66743	ZM_134_A2_H02		ZM_134_A2_H02_MR
66744	ZM_134_A2_H03	ZM_134_A2_H03_T7C	
66745	ZM_134_A2_H03		ZM_134_A2_H03_MR
66746	ZM_134_A2_H04	ZM_134_A2_H04_T7C	
66747	ZM_134_A2_H04		ZM_134_A2_H04_MR
66748	ZM_134_A2_H05	ZM_134_A2_H05_T7C	
66749	ZM_134_A2_H05		ZM_134_A2_H05_MR
66750	ZM_134_A2_H06	ZM_134_A2_H06_T7C	
66751	ZM_134_A2_H06		ZM_134_A2_H06_MR
66752	ZM_134_A2_H07	ZM_134_A2_H07_T7C	
66753	ZM_134_A2_H07		ZM_134_A2_H07_MR
66754	ZM_134_A2_H08	ZM_134_A2_H08_T7C	
66755	ZM_134_A2_H08		ZM_134_A2_H08_MR
66756	ZM_134_A2_H09	ZM_134_A2_H09_T7C	
66757	ZM_134_A2_H09		ZM_134_A2_H09_MR
66758	ZM_134_A2_H10	ZM_134_A2_H10_T7C	
66759	ZM_134_A2_H10		ZM_134_A2_H10_MR
66760	ZM_134_A2_H12	ZM_134_A2_H12_T7C	
66761	ZM_134_A2_H12		ZM_134_A2_H12_MR
66762	ZM_134_B1_A01		ZM_134_B1_A01_MR
66763	ZM_134_B1_A02		ZM_134_B1_A02_MR
66764	ZM_134_B1_A03		ZM_134_B1_A03_MR
66765	ZM_134_B1_A04		ZM_134_B1_A04_MR
66766	ZM_134_B1_A06		ZM_134_B1_A06_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66767	ZM_134_B1_A07		ZM_134_B1_A07_MR
66768	ZM_134_B1_A08		ZM_134_B1_A08_MR
66769	ZM_134_B1_A09		ZM_134_B1_A09_MR
66770	ZM_134_B1_A10		ZM_134_B1_A10_MR
66771	ZM_134_B1_A11		ZM_134_B1_A11_MR
66772	ZM_134_B1_A12		ZM_134_B1_A12_MR
66773	ZM_134_B1_B01		ZM_134_B1_B01_MR
66774	ZM_134_B1_B02		ZM_134_B1_B02_MR
66775	ZM_134_B1_B03		ZM_134_B1_B03_MR
66776	ZM_134_B1_B04		ZM_134_B1_B04_MR
66777	ZM_134_B1_B05		ZM_134_B1_B05_MR
66778	ZM_134_B1_B06		ZM_134_B1_B06_MR
66779	ZM_134_B1_B08		ZM_134_B1_B08_MR
66780	ZM_134_B1_B10		ZM_134_B1_B10_MR
66781	ZM_134_B1_B11		ZM_134_B1_B11_MR
66782	ZM_134_B1_B12		ZM_134_B1_B12_MR
66783	ZM_134_B1_C01		ZM_134_B1_C01_MR
66784	ZM_134_B1_C02		ZM_134_B1_C02_MR
66785	ZM_134_B1_C03		ZM_134_B1_C03_MR
66786	ZM_134_B1_C04		ZM_134_B1_C04_MR
66787	ZM_134_B1_C05		ZM_134_B1_C05_MR
66788	ZM_134_B1_C06		ZM_134_B1_C06_MR
66789	ZM_134_B1_C07		ZM_134_B1_C07_MR
66790	ZM_134_B1_C08		ZM_134_B1_C08_MR
66791	ZM_134_B1_C09		ZM_134_B1_C09_MR
66792	ZM_134_B1_C10		ZM_134_B1_C10_MR
66793	ZM_134_B1_C11		ZM_134_B1_C11_MR
66794	ZM_134_B1_C12		ZM_134_B1_C12_MR
66795	ZM_134_B1_D01		ZM_134_B1_D01_MR
66796	ZM_134_B1_D02		ZM_134_B1_D02_MR
66797	ZM_134_B1_D04		ZM_134_B1_D04_MR
66798	ZM_134_B1_D08		ZM_134_B1_D08_MR
66799	ZM_134_B1_D09		ZM_134_B1_D09_MR
66800	ZM_134_B1_D10		ZM_134_B1_D10_MR
66801	ZM_134_B1_D11		ZM_134_B1_D11_MR
66802	ZM_134_B1_D12		ZM_134_B1_D12_MR
66803	ZM_134_B1_E01		ZM_134_B1_E01_MR
66804	ZM_134_B1_E02		ZM_134_B1_E02_MR
66805	ZM_134_B1_E03		ZM_134_B1_E03_MR
66806	ZM_134_B1_E04		ZM_134_B1_E04_MR
66807	ZM_134_B1_E05		ZM_134_B1_E05_MR
66808	ZM_134_B1_E06		ZM_134_B1_E06_MR
66809	ZM_134_B1_E07		ZM_134_B1_E07_MR
66810	ZM_134_B1_E08		ZM_134_B1_E08_MR
66811	ZM_134_B1_E09		ZM_134_B1_E09_MR
66812	ZM_134_B1_E10		ZM_134_B1_E10_MR
66813	ZM_134_B1_E11		ZM_134_B1_E11_MR
66814	ZM_134_B1_E12		ZM_134_B1_E12_MR
66815	ZM_134_B1_F01		ZM_134_B1_F01_MR
66816	ZM_134_B1_F03		ZM_134_B1_F03_MR
66817	ZM_134_B1_F04		ZM_134_B1_F04_MR
66818	ZM_134_B1_F05		ZM_134_B1_F05_MR
66819	ZM_134_B1_F06		ZM_134_B1_F06_MR
66820	ZM_134_B1_F07		ZM_134_B1_F07_MR
66821	ZM_134_B1_F08		ZM_134_B1_F08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66822	ZM_134_B1_F09		ZM_134_B1_F09_MR
66823	ZM_134_B1_F10		ZM_134_B1_F10_MR
66824	ZM_134_B1_F11		ZM_134_B1_F11_MR
66825	ZM_134_B1_F12		ZM_134_B1_F12_MR
66826	ZM_134_B1_G01		ZM_134_B1_G01_MR
66827	ZM_134_B1_G02		ZM_134_B1_G02_MR
66828	ZM_134_B1_G03		ZM_134_B1_G03_MR
66829	ZM_134_B1_G04		ZM_134_B1_G04_MR
66830	ZM_134_B1_G05		ZM_134_B1_G05_MR
66831	ZM_134_B1_G06		ZM_134_B1_G06_MR
66832	ZM_134_B1_G07		ZM_134_B1_G07_MR
66833	ZM_134_B1_G08		ZM_134_B1_G08_MR
66834	ZM_134_B1_G09		ZM_134_B1_G09_MR
66835	ZM_134_B1_G10		ZM_134_B1_G10_MR
66836	ZM_134_B1_G11		ZM_134_B1_G11_MR
66837	ZM_134_B1_G12		ZM_134_B1_G12_MR
66838	ZM_134_B1_H01		ZM_134_B1_H01_MR
66839	ZM_134_B1_H08		ZM_134_B1_H08_MR
66840	ZM_134_B1_H09		ZM_134_B1_H09_MR
66841	ZM_134_B1_H10		ZM_134_B1_H10_MR
66842	ZM_134_B1_H11		ZM_134_B1_H11_MR
66843	ZM_134_B1_H12		ZM_134_B1_H12_MR
66844	ZM_135_A1_A01	ZM_135_A1_A01_T7C	
66845	ZM_135_A1_A01		ZM_135_A1_A01_MR
66846	ZM_135_A1_A02	ZM_135_A1_A02_T7C	
66847	ZM_135_A1_A02		ZM_135_A1_A02_MR
66848	ZM_135_A1_A03	ZM_135_A1_A03_T7C	
66849	ZM_135_A1_A03		ZM_135_A1_A03_MR
66850	ZM_135_A1_A05	ZM_135_A1_A05_T7C	
66851	ZM_135_A1_A05		ZM_135_A1_A05_MR
66852	ZM_135_A1_A06	ZM_135_A1_A06_T7C	
66853	ZM_135_A1_A06		ZM_135_A1_A06_MR
66854	ZM_135_A1_A09	ZM_135_A1_A09_T7C	
66855	ZM_135_A1_A09		ZM_135_A1_A09_MR
66856	ZM_135_A1_A10	ZM_135_A1_A10_T7C	
66857	ZM_135_A1_A10		ZM_135_A1_A10_MR
66858	ZM_135_A1_A11	ZM_135_A1_A11_T7C	
66859	ZM_135_A1_A11		ZM_135_A1_A11_MR
66860	ZM_135_A1_A12	ZM_135_A1_A12_T7C	
66861	ZM_135_A1_A12		ZM_135_A1_A12_MR
66862	ZM_135_A1_B01	ZM_135_A1_B01_T7C	
66863	ZM_135_A1_B02	ZM_135_A1_B02_T7C	
66864	ZM_135_A1_B02		ZM_135_A1_B02_MR
66865	ZM_135_A1_B03	ZM_135_A1_B03_T7C	
66866	ZM_135_A1_B03		ZM_135_A1_B03_MR
66867	ZM_135_A1_B04	ZM_135_A1_B04_T7C	
66868	ZM_135_A1_B04		ZM_135_A1_B04_MR
66869	ZM_135_A1_B05	ZM_135_A1_B05_T7C	
66870	ZM_135_A1_B05		ZM_135_A1_B05_MR
66871	ZM_135_A1_B06	ZM_135_A1_B06_T7C	
66872	ZM_135_A1_B06		ZM_135_A1_B06_MR
66873	ZM_135_A1_B07	ZM_135_A1_B07_T7C	
66874	ZM_135_A1_B07		ZM_135_A1_B07_MR
66875	ZM_135_A1_B08	ZM_135_A1_B08_T7C	
66876	ZM_135_A1_B08		ZM_135_A1_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66877	ZM_135_A1_B09	ZM_135_A1_B09_T7C	ZM_135_A1_B09_MR
66878	ZM_135_A1_B09		
66879	ZM_135_A1_B10	ZM_135_A1_B10_T7C	ZM_135_A1_B10_MR
66880	ZM_135_A1_B10		
66881	ZM_135_A1_B11	ZM_135_A1_B11_T7C	ZM_135_A1_B11_MR
66882	ZM_135_A1_B11		
66883	ZM_135_A1_B12	ZM_135_A1_B12_T7C	ZM_135_A1_B12_MR
66884	ZM_135_A1_B12		
66885	ZM_135_A1_C02	ZM_135_A1_C02_T7C	ZM_135_A1_C02_MR
66886	ZM_135_A1_C02		
66887	ZM_135_A1_C03	ZM_135_A1_C03_T7C	ZM_135_A1_C03_MR
66888	ZM_135_A1_C03		
66889	ZM_135_A1_C04	ZM_135_A1_C04_T7C	ZM_135_A1_C04_MR
66890	ZM_135_A1_C04		
66891	ZM_135_A1_C05	ZM_135_A1_C05_T7C	ZM_135_A1_C05_MR
66892	ZM_135_A1_C05		
66893	ZM_135_A1_C06	ZM_135_A1_C06_T7C	ZM_135_A1_C06_MR
66894	ZM_135_A1_C06		
66895	ZM_135_A1_C07	ZM_135_A1_C07_T7C	ZM_135_A1_C07_MR
66896	ZM_135_A1_C07		
66897	ZM_135_A1_C08	ZM_135_A1_C08_T7C	ZM_135_A1_C08_MR
66898	ZM_135_A1_C08		
66899	ZM_135_A1_C10	ZM_135_A1_C10_T7C	ZM_135_A1_C10_MR
66900	ZM_135_A1_C10		
66901	ZM_135_A1_C11	ZM_135_A1_C11_T7C	ZM_135_A1_C11_MR
66902	ZM_135_A1_C11		
66903	ZM_135_A1_C12		ZM_135_A1_C12_MR
66904	ZM_135_A1_D01	ZM_135_A1_D01_T7C	ZM_135_A1_D01_MR
66905	ZM_135_A1_D01		
66906	ZM_135_A1_D02	ZM_135_A1_D02_T7C	ZM_135_A1_D02_MR
66907	ZM_135_A1_D02		
66908	ZM_135_A1_D03	ZM_135_A1_D03_T7C	ZM_135_A1_D03_MR
66909	ZM_135_A1_D03		
66910	ZM_135_A1_D04	ZM_135_A1_D04_T7C	
66911	ZM_135_A1_D05	ZM_135_A1_D05_T7C	ZM_135_A1_D05_MR
66912	ZM_135_A1_D05		
66913	ZM_135_A1_D06	ZM_135_A1_D06_T7C	ZM_135_A1_D06_MR
66914	ZM_135_A1_D06		
66915	ZM_135_A1_D07	ZM_135_A1_D07_T7C	ZM_135_A1_D07_MR
66916	ZM_135_A1_D07		
66917	ZM_135_A1_D08	ZM_135_A1_D08_T7C	ZM_135_A1_D08_MR
66918	ZM_135_A1_D08		
66919	ZM_135_A1_D09	ZM_135_A1_D09_T7C	ZM_135_A1_D09_MR
66920	ZM_135_A1_D09		
66921	ZM_135_A1_D10	ZM_135_A1_D10_T7C	ZM_135_A1_D10_MR
66922	ZM_135_A1_D10		
66923	ZM_135_A1_D11	ZM_135_A1_D11_T7C	ZM_135_A1_D11_MR
66924	ZM_135_A1_D11		
66925	ZM_135_A1_D12	ZM_135_A1_D12_T7C	ZM_135_A1_D12_MR
66926	ZM_135_A1_D12		
66927	ZM_135_A1_E01	ZM_135_A1_E01_T7C	ZM_135_A1_E01_MR
66928	ZM_135_A1_E01		
66929	ZM_135_A1_E02	ZM_135_A1_E02_T7C	ZM_135_A1_E02_MR
66930	ZM_135_A1_E02		
66931	ZM_135_A1_E03	ZM_135_A1_E03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66932	ZM_135_A1_E03		ZM_135_A1_E03_MR
66933	ZM_135_A1_E04	ZM_135_A1_E04_T7C	
66934	ZM_135_A1_E04		ZM_135_A1_E04_MR
66935	ZM_135_A1_E05	ZM_135_A1_E05_T7C	
66936	ZM_135_A1_E05		ZM_135_A1_E05_MR
66937	ZM_135_A1_E06		ZM_135_A1_E06_MR
66938	ZM_135_A1_E07	ZM_135_A1_E07_T7C	
66939	ZM_135_A1_E07		ZM_135_A1_E07_MR
66940	ZM_135_A1_E08	ZM_135_A1_E08_T7C	
66941	ZM_135_A1_E08		ZM_135_A1_E08_MR
66942	ZM_135_A1_E09	ZM_135_A1_E09_T7C	
66943	ZM_135_A1_E09		ZM_135_A1_E09_MR
66944	ZM_135_A1_E10	ZM_135_A1_E10_T7C	
66945	ZM_135_A1_E10		ZM_135_A1_E10_MR
66946	ZM_135_A1_E11	ZM_135_A1_E11_T7C	
66947	ZM_135_A1_E11		ZM_135_A1_E11_MR
66948	ZM_135_A1_E12	ZM_135_A1_E12_T7C	
66949	ZM_135_A1_E12		ZM_135_A1_E12_MR
66950	ZM_135_A1_F01	ZM_135_A1_F01_T7C	
66951	ZM_135_A1_F01		ZM_135_A1_F01_MR
66952	ZM_135_A1_F02	ZM_135_A1_F02_T7C	
66953	ZM_135_A1_F02		ZM_135_A1_F02_MR
66954	ZM_135_A1_F04	ZM_135_A1_F04_T7C	
66955	ZM_135_A1_F04		ZM_135_A1_F04_MR
66956	ZM_135_A1_F05	ZM_135_A1_F05_T7C	
66957	ZM_135_A1_F05		ZM_135_A1_F05_MR
66958	ZM_135_A1_F06	ZM_135_A1_F06_T7C	
66959	ZM_135_A1_F06		ZM_135_A1_F06_MR
66960	ZM_135_A1_F07	ZM_135_A1_F07_T7C	
66961	ZM_135_A1_F07		ZM_135_A1_F07_MR
66962	ZM_135_A1_F08	ZM_135_A1_F08_T7C	
66963	ZM_135_A1_F08		ZM_135_A1_F08_MR
66964	ZM_135_A1_F10	ZM_135_A1_F10_T7C	
66965	ZM_135_A1_F11		ZM_135_A1_F11_MR
66966	ZM_135_A1_F12		ZM_135_A1_F12_MR
66967	ZM_135_A1_G01	ZM_135_A1_G01_T7C	
66968	ZM_135_A1_G01		ZM_135_A1_G01_MR
66969	ZM_135_A1_G02	ZM_135_A1_G02_T7C	
66970	ZM_135_A1_G03	ZM_135_A1_G03_T7C	
66971	ZM_135_A1_G04	ZM_135_A1_G04_T7C	
66972	ZM_135_A1_G04		ZM_135_A1_G04_MR
66973	ZM_135_A1_G05		ZM_135_A1_G05_MR
66974	ZM_135_A1_G06		ZM_135_A1_G06_MR
66975	ZM_135_A1_G09		ZM_135_A1_G09_MR
66976	ZM_135_A1_G10	ZM_135_A1_G10_T7C	
66977	ZM_135_A1_G10		ZM_135_A1_G10_MR
66978	ZM_135_A1_G11	ZM_135_A1_G11_T7C	
66979	ZM_135_A1_G11		ZM_135_A1_G11_MR
66980	ZM_135_A1_G12	ZM_135_A1_G12_T7C	
66981	ZM_135_A1_G12		ZM_135_A1_G12_MR
66982	ZM_135_A1_H01	ZM_135_A1_H01_T7C	
66983	ZM_135_A1_H01		ZM_135_A1_H01_MR
66984	ZM_135_A1_H02	ZM_135_A1_H02_T7C	
66985	ZM_135_A1_H02		ZM_135_A1_H02_MR
66986	ZM_135_A1_H03	ZM_135_A1_H03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
66987	ZM_135_A1_H04	ZM_135_A1_H04_T7C	
66988	ZM_135_A1_H04		ZM_135_A1_H04_MR
66989	ZM_135_A1_H05	ZM_135_A1_H05_T7C	
66990	ZM_135_A1_H05		ZM_135_A1_H05_MR
66991	ZM_135_A1_H06	ZM_135_A1_H06_T7C	
66992	ZM_135_A1_H07	ZM_135_A1_H07_T7C	
66993	ZM_135_A1_H07		ZM_135_A1_H07_MR
66994	ZM_135_A1_H08	ZM_135_A1_H08_T7C	
66995	ZM_135_A1_H09	ZM_135_A1_H09_T7C	
66996	ZM_135_A1_H09		ZM_135_A1_H09_MR
66997	ZM_135_A1_H10	ZM_135_A1_H10_T7C	
66998	ZM_135_A1_H11	ZM_135_A1_H11_T7C	
66999	ZM_135_A1_H11		ZM_135_A1_H11_MR
67000	ZM_135_A1_H12	ZM_135_A1_H12_T7C	
67001	ZM_135_A1_H12		ZM_135_A1_H12_MR
67002	ZM_135_A2_A01	ZM_135_A2_A01_T7C	
67003	ZM_135_A2_A02	ZM_135_A2_A02_T7C	
67004	ZM_135_A2_A02		ZM_135_A2_A02_MR
67005	ZM_135_A2_A03	ZM_135_A2_A03_T7C	
67006	ZM_135_A2_A03		ZM_135_A2_A03_MR
67007	ZM_135_A2_A04	ZM_135_A2_A04_T7C	
67008	ZM_135_A2_A04		ZM_135_A2_A04_MR
67009	ZM_135_A2_A05	ZM_135_A2_A05_T7C	
67010	ZM_135_A2_A05		ZM_135_A2_A05_MR
67011	ZM_135_A2_A06	ZM_135_A2_A06_T7C	
67012	ZM_135_A2_A06		ZM_135_A2_A06_MR
67013	ZM_135_A2_A07	ZM_135_A2_A07_T7C	
67014	ZM_135_A2_A07		ZM_135_A2_A07_MR
67015	ZM_135_A2_A08	ZM_135_A2_A08_T7C	
67016	ZM_135_A2_A08		ZM_135_A2_A08_MR
67017	ZM_135_A2_A09	ZM_135_A2_A09_T7C	
67018	ZM_135_A2_A09		ZM_135_A2_A09_MR
67019	ZM_135_A2_A10	ZM_135_A2_A10_T7C	
67020	ZM_135_A2_A10		ZM_135_A2_A10_MR
67021	ZM_135_A2_A11	ZM_135_A2_A11_T7C	
67022	ZM_135_A2_A11		ZM_135_A2_A11_MR
67023	ZM_135_A2_A12		ZM_135_A2_A12_MR
67024	ZM_135_A2_B01	ZM_135_A2_B01_T7C	
67025	ZM_135_A2_B02	ZM_135_A2_B02_T7C	
67026	ZM_135_A2_B02		ZM_135_A2_B02_MR
67027	ZM_135_A2_B04	ZM_135_A2_B04_T7C	
67028	ZM_135_A2_B04		ZM_135_A2_B04_MR
67029	ZM_135_A2_B05	ZM_135_A2_B05_T7C	
67030	ZM_135_A2_B05		ZM_135_A2_B05_MR
67031	ZM_135_A2_B06	ZM_135_A2_B06_T7C	
67032	ZM_135_A2_B06		ZM_135_A2_B06_MR
67033	ZM_135_A2_B07	ZM_135_A2_B07_T7C	
67034	ZM_135_A2_B07		ZM_135_A2_B07_MR
67035	ZM_135_A2_B08	ZM_135_A2_B08_T7C	
67036	ZM_135_A2_B08		ZM_135_A2_B08_MR
67037	ZM_135_A2_B09	ZM_135_A2_B09_T7C	
67038	ZM_135_A2_B10	ZM_135_A2_B10_T7C	
67039	ZM_135_A2_B10		ZM_135_A2_B10_MR
67040	ZM_135_A2_B11	ZM_135_A2_B11_T7C	
67041	ZM_135_A2_B11		ZM_135_A2_B11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67042	ZM_135_A2_B12	ZM_135_A2_B12_T7C	
67043	ZM_135_A2_B12		ZM_135_A2_B12_MR
67044	ZM_135_A2_C01	ZM_135_A2_C01_T7C	
67045	ZM_135_A2_C02	ZM_135_A2_C02_T7C	
67046	ZM_135_A2_C02		ZM_135_A2_C02_MR
67047	ZM_135_A2_C03	ZM_135_A2_C03_T7C	
67048	ZM_135_A2_C03		ZM_135_A2_C03_MR
67049	ZM_135_A2_C04	ZM_135_A2_C04_T7C	
67050	ZM_135_A2_C04		ZM_135_A2_C04_MR
67051	ZM_135_A2_C05	ZM_135_A2_C05_T7C	
67052	ZM_135_A2_C05		ZM_135_A2_C05_MR
67053	ZM_135_A2_C06	ZM_135_A2_C06_T7C	
67054	ZM_135_A2_C07	ZM_135_A2_C07_T7C	
67055	ZM_135_A2_C07		ZM_135_A2_C07_MR
67056	ZM_135_A2_C08	ZM_135_A2_C08_T7C	
67057	ZM_135_A2_C08		ZM_135_A2_C08_MR
67058	ZM_135_A2_C09	ZM_135_A2_C09_T7C	
67059	ZM_135_A2_C09		ZM_135_A2_C09_MR
67060	ZM_135_A2_C10	ZM_135_A2_C10_T7C	
67061	ZM_135_A2_C10		ZM_135_A2_C10_MR
67062	ZM_135_A2_C11	ZM_135_A2_C11_T7C	
67063	ZM_135_A2_C11		ZM_135_A2_C11_MR
67064	ZM_135_A2_C12	ZM_135_A2_C12_T7C	
67065	ZM_135_A2_C12		ZM_135_A2_C12_MR
67066	ZM_135_A2_D01	ZM_135_A2_D01_T7C	
67067	ZM_135_A2_D01		ZM_135_A2_D01_MR
67068	ZM_135_A2_D02	ZM_135_A2_D02_T7C	
67069	ZM_135_A2_D02		ZM_135_A2_D02_MR
67070	ZM_135_A2_D03	ZM_135_A2_D03_T7C	
67071	ZM_135_A2_D03		ZM_135_A2_D03_MR
67072	ZM_135_A2_D04	ZM_135_A2_D04_T7C	
67073	ZM_135_A2_D04		ZM_135_A2_D04_MR
67074	ZM_135_A2_D05	ZM_135_A2_D05_T7C	
67075	ZM_135_A2_D05		ZM_135_A2_D05_MR
67076	ZM_135_A2_D06	ZM_135_A2_D06_T7C	
67077	ZM_135_A2_D06		ZM_135_A2_D06_MR
67078	ZM_135_A2_D07	ZM_135_A2_D07_T7C	
67079	ZM_135_A2_D07		ZM_135_A2_D07_MR
67080	ZM_135_A2_D09	ZM_135_A2_D09_T7C	
67081	ZM_135_A2_D09		ZM_135_A2_D09_MR
67082	ZM_135_A2_D10	ZM_135_A2_D10_T7C	
67083	ZM_135_A2_D10		ZM_135_A2_D10_MR
67084	ZM_135_A2_D11	ZM_135_A2_D11_T7C	
67085	ZM_135_A2_D11		ZM_135_A2_D11_MR
67086	ZM_135_A2_D12	ZM_135_A2_D12_T7C	
67087	ZM_135_A2_D12		ZM_135_A2_D12_MR
67088	ZM_135_A2_E01	ZM_135_A2_E01_T7C	
67089	ZM_135_A2_E01		ZM_135_A2_E01_MR
67090	ZM_135_A2_E02	ZM_135_A2_E02_T7C	
67091	ZM_135_A2_E02		ZM_135_A2_E02_MR
67092	ZM_135_A2_E03	ZM_135_A2_E03_T7C	
67093	ZM_135_A2_E03		ZM_135_A2_E03_MR
67094	ZM_135_A2_E04	ZM_135_A2_E04_T7C	
67095	ZM_135_A2_E04		ZM_135_A2_E04_MR
67096	ZM_135_A2_E06	ZM_135_A2_E06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67097	ZM_135_A2_E06		ZM_135_A2_E06_MR
67098	ZM_135_A2_E07	ZM_135_A2_E07_T7C	
67099	ZM_135_A2_E07		ZM_135_A2_E07_MR
67100	ZM_135_A2_E08	ZM_135_A2_E08_T7C	
67101	ZM_135_A2_E08		ZM_135_A2_E08_MR
67102	ZM_135_A2_E09	ZM_135_A2_E09_T7C	
67103	ZM_135_A2_E09		ZM_135_A2_E09_MR
67104	ZM_135_A2_E10	ZM_135_A2_E10_T7C	
67105	ZM_135_A2_E10		ZM_135_A2_E10_MR
67106	ZM_135_A2_E11	ZM_135_A2_E11_T7C	
67107	ZM_135_A2_E11		ZM_135_A2_E11_MR
67108	ZM_135_A2_E12	ZM_135_A2_E12_T7C	
67109	ZM_135_A2_E12		ZM_135_A2_E12_MR
67110	ZM_135_A2_F01	ZM_135_A2_F01_T7C	
67111	ZM_135_A2_F01		ZM_135_A2_F01_MR
67112	ZM_135_A2_F02	ZM_135_A2_F02_T7C	
67113	ZM_135_A2_F02		ZM_135_A2_F02_MR
67114	ZM_135_A2_F03	ZM_135_A2_F03_T7C	
67115	ZM_135_A2_F03		ZM_135_A2_F03_MR
67116	ZM_135_A2_F04	ZM_135_A2_F04_T7C	
67117	ZM_135_A2_F04		ZM_135_A2_F04_MR
67118	ZM_135_A2_F05	ZM_135_A2_F05_T7C	
67119	ZM_135_A2_F05		ZM_135_A2_F05_MR
67120	ZM_135_A2_F06	ZM_135_A2_F06_T7C	
67121	ZM_135_A2_F06		ZM_135_A2_F06_MR
67122	ZM_135_A2_F07	ZM_135_A2_F07_T7C	
67123	ZM_135_A2_F07		ZM_135_A2_F07_MR
67124	ZM_135_A2_F08	ZM_135_A2_F08_T7C	
67125	ZM_135_A2_F08		ZM_135_A2_F08_MR
67126	ZM_135_A2_F09	ZM_135_A2_F09_T7C	
67127	ZM_135_A2_F09		ZM_135_A2_F09_MR
67128	ZM_135_A2_F10		ZM_135_A2_F10_MR
67129	ZM_135_A2_F11	ZM_135_A2_F11_T7C	
67130	ZM_135_A2_F11		ZM_135_A2_F11_MR
67131	ZM_135_A2_F12	ZM_135_A2_F12_T7C	
67132	ZM_135_A2_F12		ZM_135_A2_F12_MR
67133	ZM_135_A2_G01	ZM_135_A2_G01_T7C	
67134	ZM_135_A2_G01		ZM_135_A2_G01_MR
67135	ZM_135_A2_G03	ZM_135_A2_G03_T7C	
67136	ZM_135_A2_G03		ZM_135_A2_G03_MR
67137	ZM_135_A2_G04	ZM_135_A2_G04_T7C	
67138	ZM_135_A2_G04		ZM_135_A2_G04_MR
67139	ZM_135_A2_G05	ZM_135_A2_G05_T7C	
67140	ZM_135_A2_G05		ZM_135_A2_G05_MR
67141	ZM_135_A2_G06	ZM_135_A2_G06_T7C	
67142	ZM_135_A2_G06		ZM_135_A2_G06_MR
67143	ZM_135_A2_G07	ZM_135_A2_G07_T7C	
67144	ZM_135_A2_G07		ZM_135_A2_G07_MR
67145	ZM_135_A2_G08	ZM_135_A2_G08_T7C	
67146	ZM_135_A2_G08		ZM_135_A2_G08_MR
67147	ZM_135_A2_G09	ZM_135_A2_G09_T7C	
67148	ZM_135_A2_G09		ZM_135_A2_G09_MR
67149	ZM_135_A2_G10	ZM_135_A2_G10_T7C	
67150	ZM_135_A2_G10		ZM_135_A2_G10_MR
67151	ZM_135_A2_G12	ZM_135_A2_G12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67152	ZM_135_A2_G12		ZM_135_A2_G12_MR
67153	ZM_135_A2_H01	ZM_135_A2_H01_T7C	
67154	ZM_135_A2_H02	ZM_135_A2_H02_T7C	
67155	ZM_135_A2_H03	ZM_135_A2_H03_T7C	
67156	ZM_135_A2_H03		ZM_135_A2_H03_MR
67157	ZM_135_A2_H04	ZM_135_A2_H04_T7C	
67158	ZM_135_A2_H04		ZM_135_A2_H04_MR
67159	ZM_135_A2_H05	ZM_135_A2_H05_T7C	
67160	ZM_135_A2_H05		ZM_135_A2_H05_MR
67161	ZM_135_A2_H06	ZM_135_A2_H06_T7C	
67162	ZM_135_A2_H06		ZM_135_A2_H06_MR
67163	ZM_135_A2_H07	ZM_135_A2_H07_T7C	
67164	ZM_135_A2_H07		ZM_135_A2_H07_MR
67165	ZM_135_A2_H08	ZM_135_A2_H08_T7C	
67166	ZM_135_A2_H08		ZM_135_A2_H08_MR
67167	ZM_135_A2_H09	ZM_135_A2_H09_T7C	
67168	ZM_135_A2_H09		ZM_135_A2_H09_MR
67169	ZM_135_A2_H10	ZM_135_A2_H10_T7C	
67170	ZM_135_A2_H10		ZM_135_A2_H10_MR
67171	ZM_135_A2_H11	ZM_135_A2_H11_T7C	
67172	ZM_135_A2_H11		ZM_135_A2_H11_MR
67173	ZM_135_A2_H12	ZM_135_A2_H12_T7C	
67174	ZM_135_A2_H12		ZM_135_A2_H12_MR
67175	ZM_135_B1_A01	ZM_135_B1_A01_T7C	
67176	ZM_135_B1_A01		ZM_135_B1_A01_MR
67177	ZM_135_B1_A02	ZM_135_B1_A02_T7C	
67178	ZM_135_B1_A02		ZM_135_B1_A02_MR
67179	ZM_135_B1_A04		ZM_135_B1_A04_MR
67180	ZM_135_B1_A07	ZM_135_B1_A07_T7C	
67181	ZM_135_B1_A07		ZM_135_B1_A07_MR
67182	ZM_135_B1_A08	ZM_135_B1_A08_T7C	
67183	ZM_135_B1_A08		ZM_135_B1_A08_MR
67184	ZM_135_B1_A10	ZM_135_B1_A10_T7C	
67185	ZM_135_B1_A10		ZM_135_B1_A10_MR
67186	ZM_135_B1_A11	ZM_135_B1_A11_T7C	
67187	ZM_135_B1_A12		ZM_135_B1_A12_MR
67188	ZM_135_B1_B01	ZM_135_B1_B01_T7C	
67189	ZM_135_B1_B01		ZM_135_B1_B01_MR
67190	ZM_135_B1_B02	ZM_135_B1_B02_T7C	
67191	ZM_135_B1_B02		ZM_135_B1_B02_MR
67192	ZM_135_B1_B03		ZM_135_B1_B03_MR
67193	ZM_135_B1_B04		ZM_135_B1_B04_MR
67194	ZM_135_B1_B05	ZM_135_B1_B05_T7C	
67195	ZM_135_B1_B05		ZM_135_B1_B05_MR
67196	ZM_135_B1_B06	ZM_135_B1_B06_T7C	
67197	ZM_135_B1_B06		ZM_135_B1_B06_MR
67198	ZM_135_B1_B07		ZM_135_B1_B07_MR
67199	ZM_135_B1_B08	ZM_135_B1_B08_T7C	
67200	ZM_135_B1_B08		ZM_135_B1_B08_MR
67201	ZM_135_B1_B09		ZM_135_B1_B09_MR
67202	ZM_135_B1_B10	ZM_135_B1_B10_T7C	
67203	ZM_135_B1_B10		ZM_135_B1_B10_MR
67204	ZM_135_B1_B11		ZM_135_B1_B11_MR
67205	ZM_135_B1_B12	ZM_135_B1_B12_T7C	
67206	ZM_135_B1_C01	ZM_135_B1_C01_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67207	ZM_135_B1_C01		ZM_135_B1_C01_MR
67208	ZM_135_B1_C02		ZM_135_B1_C02_MR
67209	ZM_135_B1_C07	ZM_135_B1_C07_T7C	
67210	ZM_135_B1_C07		ZM_135_B1_C07_MR
67211	ZM_135_B1_C08	ZM_135_B1_C08_T7C	
67212	ZM_135_B1_C10	ZM_135_B1_C10_T7C	
67213	ZM_135_B1_C10		ZM_135_B1_C10_MR
67214	ZM_135_B1_C11	ZM_135_B1_C11_T7C	
67215	ZM_135_B1_C11		ZM_135_B1_C11_MR
67216	ZM_135_B1_C12	ZM_135_B1_C12_T7C	
67217	ZM_135_B1_C12		ZM_135_B1_C12_MR
67218	ZM_135_B1_D01	ZM_135_B1_D01_T7C	
67219	ZM_135_B1_D01		ZM_135_B1_D01_MR
67220	ZM_135_B1_D02	ZM_135_B1_D02_T7C	
67221	ZM_135_B1_D02		ZM_135_B1_D02_MR
67222	ZM_135_B1_D03	ZM_135_B1_D03_T7C	
67223	ZM_135_B1_D03		ZM_135_B1_D03_MR
67224	ZM_135_B1_D04	ZM_135_B1_D04_T7C	
67225	ZM_135_B1_D04		ZM_135_B1_D04_MR
67226	ZM_135_B1_D05	ZM_135_B1_D05_T7C	
67227	ZM_135_B1_D05		ZM_135_B1_D05_MR
67228	ZM_135_B1_D07	ZM_135_B1_D07_T7C	
67229	ZM_135_B1_D07		ZM_135_B1_D07_MR
67230	ZM_135_B1_D08	ZM_135_B1_D08_T7C	
67231	ZM_135_B1_D08		ZM_135_B1_D08_MR
67232	ZM_135_B1_D09	ZM_135_B1_D09_T7C	
67233	ZM_135_B1_D09		ZM_135_B1_D09_MR
67234	ZM_135_B1_D10	ZM_135_B1_D10_T7C	
67235	ZM_135_B1_D10		ZM_135_B1_D10_MR
67236	ZM_135_B1_D11	ZM_135_B1_D11_T7C	
67237	ZM_135_B1_D12	ZM_135_B1_D12_T7C	
67238	ZM_135_B1_D12		ZM_135_B1_D12_MR
67239	ZM_135_B1_E01	ZM_135_B1_E01_T7C	
67240	ZM_135_B1_E01		ZM_135_B1_E01_MR
67241	ZM_135_B1_E02	ZM_135_B1_E02_T7C	
67242	ZM_135_B1_E02		ZM_135_B1_E02_MR
67243	ZM_135_B1_E04	ZM_135_B1_E04_T7C	
67244	ZM_135_B1_E04		ZM_135_B1_E04_MR
67245	ZM_135_B1_E07	ZM_135_B1_E07_T7C	
67246	ZM_135_B1_E08	ZM_135_B1_E08_T7C	
67247	ZM_135_B1_E08		ZM_135_B1_E08_MR
67248	ZM_135_B1_E09	ZM_135_B1_E09_T7C	
67249	ZM_135_B1_E10	ZM_135_B1_E10_T7C	
67250	ZM_135_B1_E10		ZM_135_B1_E10_MR
67251	ZM_135_B1_E11	ZM_135_B1_E11_T7C	
67252	ZM_135_B1_E11		ZM_135_B1_E11_MR
67253	ZM_135_B1_E12	ZM_135_B1_E12_T7C	
67254	ZM_135_B1_F01	ZM_135_B1_F01_T7C	
67255	ZM_135_B1_F01		ZM_135_B1_F01_MR
67256	ZM_135_B1_F03	ZM_135_B1_F03_T7C	
67257	ZM_135_B1_F03		ZM_135_B1_F03_MR
67258	ZM_135_B1_F04	ZM_135_B1_F04_T7C	
67259	ZM_135_B1_F04		ZM_135_B1_F04_MR
67260	ZM_135_B1_F05	ZM_135_B1_F05_T7C	
67261	ZM_135_B1_F07	ZM_135_B1_F07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67262	ZM_135_B1_F07		ZM_135_B1_F07_MR
67263	ZM_135_B1_F08	ZM_135_B1_F08_T7C	
67264	ZM_135_B1_F08		ZM_135_B1_F08_MR
67265	ZM_135_B1_F10	ZM_135_B1_F10_T7C	
67266	ZM_135_B1_F10		ZM_135_B1_F10_MR
67267	ZM_135_B1_F11	ZM_135_B1_F11_T7C	
67268	ZM_135_B1_F11		ZM_135_B1_F11_MR
67269	ZM_135_B1_F12		ZM_135_B1_F12_MR
67270	ZM_135_B1_G01	ZM_135_B1_G01_T7C	
67271	ZM_135_B1_G01		ZM_135_B1_G01_MR
67272	ZM_135_B1_G02	ZM_135_B1_G02_T7C	
67273	ZM_135_B1_G03		ZM_135_B1_G03_MR
67274	ZM_135_B1_G04	ZM_135_B1_G04_T7C	
67275	ZM_135_B1_G07	ZM_135_B1_G07_T7C	
67276	ZM_135_B1_G07		ZM_135_B1_G07_MR
67277	ZM_135_B1_G09		ZM_135_B1_G09_MR
67278	ZM_135_B1_G10	ZM_135_B1_G10_T7C	
67279	ZM_135_B1_G11	ZM_135_B1_G11_T7C	
67280	ZM_135_B1_G11		ZM_135_B1_G11_MR
67281	ZM_135_B1_G12		ZM_135_B1_G12_MR
67282	ZM_135_B1_H01	ZM_135_B1_H01_T7C	
67283	ZM_135_B1_H01		ZM_135_B1_H01_MR
67284	ZM_135_B1_H02	ZM_135_B1_H02_T7C	
67285	ZM_135_B1_H02		ZM_135_B1_H02_MR
67286	ZM_135_B1_H03	ZM_135_B1_H03_T7C	
67287	ZM_135_B1_H03		ZM_135_B1_H03_MR
67288	ZM_135_B1_H04	ZM_135_B1_H04_T7C	
67289	ZM_135_B1_H04		ZM_135_B1_H04_MR
67290	ZM_135_B1_H05	ZM_135_B1_H05_T7C	
67291	ZM_135_B1_H06	ZM_135_B1_H06_T7C	
67292	ZM_135_B1_H06		ZM_135_B1_H06_MR
67293	ZM_135_B1_H07	ZM_135_B1_H07_T7C	
67294	ZM_135_B1_H07		ZM_135_B1_H07_MR
67295	ZM_135_B1_H08	ZM_135_B1_H08_T7C	
67296	ZM_135_B1_H08		ZM_135_B1_H08_MR
67297	ZM_135_B1_H09	ZM_135_B1_H09_T7C	
67298	ZM_135_B1_H09		ZM_135_B1_H09_MR
67299	ZM_135_B1_H10	ZM_135_B1_H10_T7C	
67300	ZM_135_B1_H10		ZM_135_B1_H10_MR
67301	ZM_135_B1_H11	ZM_135_B1_H11_T7C	
67302	ZM_135_B1_H11		ZM_135_B1_H11_MR
67303	ZM_135_B1_H12	ZM_135_B1_H12_T7C	
67304	ZM_135_B1_H12		ZM_135_B1_H12_MR
67305	ZM_135_B2_A01	ZM_135_B2_A01_T7C	
67306	ZM_135_B2_A01		ZM_135_B2_A01_MR
67307	ZM_135_B2_A02	ZM_135_B2_A02_T7C	
67308	ZM_135_B2_A02		ZM_135_B2_A02_MR
67309	ZM_135_B2_A03	ZM_135_B2_A03_T7C	
67310	ZM_135_B2_A03		ZM_135_B2_A03_MR
67311	ZM_135_B2_A04	ZM_135_B2_A04_T7C	
67312	ZM_135_B2_A04		ZM_135_B2_A04_MR
67313	ZM_135_B2_A05	ZM_135_B2_A05_T7C	
67314	ZM_135_B2_A05		ZM_135_B2_A05_MR
67315	ZM_135_B2_A06	ZM_135_B2_A06_T7C	
67316	ZM_135_B2_A06		ZM_135_B2_A06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67317	ZM_135_B2_A07	ZM_135_B2_A07_T7C	
67318	ZM_135_B2_A07		ZM_135_B2_A07_MR
67319	ZM_135_B2_A08	ZM_135_B2_A08_T7C	
67320	ZM_135_B2_A08		ZM_135_B2_A08_MR
67321	ZM_135_B2_A09	ZM_135_B2_A09_T7C	
67322	ZM_135_B2_A09		ZM_135_B2_A09_MR
67323	ZM_135_B2_A10	ZM_135_B2_A10_T7C	
67324	ZM_135_B2_A10		ZM_135_B2_A10_MR
67325	ZM_135_B2_A11	ZM_135_B2_A11_T7C	
67326	ZM_135_B2_A11		ZM_135_B2_A11_MR
67327	ZM_135_B2_A12	ZM_135_B2_A12_T7C	
67328	ZM_135_B2_A12		ZM_135_B2_A12_MR
67329	ZM_135_B2_B01	ZM_135_B2_B01_T7C	
67330	ZM_135_B2_B01		ZM_135_B2_B01_MR
67331	ZM_135_B2_B02	ZM_135_B2_B02_T7C	
67332	ZM_135_B2_B02		ZM_135_B2_B02_MR
67333	ZM_135_B2_B03	ZM_135_B2_B03_T7C	
67334	ZM_135_B2_B03		ZM_135_B2_B03_MR
67335	ZM_135_B2_B04	ZM_135_B2_B04_T7C	
67336	ZM_135_B2_B04		ZM_135_B2_B04_MR
67337	ZM_135_B2_B05	ZM_135_B2_B05_T7C	
67338	ZM_135_B2_B05		ZM_135_B2_B05_MR
67339	ZM_135_B2_B06	ZM_135_B2_B06_T7C	
67340	ZM_135_B2_B06		ZM_135_B2_B06_MR
67341	ZM_135_B2_B07	ZM_135_B2_B07_T7C	
67342	ZM_135_B2_B07		ZM_135_B2_B07_MR
67343	ZM_135_B2_B08	ZM_135_B2_B08_T7C	
67344	ZM_135_B2_B08		ZM_135_B2_B08_MR
67345	ZM_135_B2_B09	ZM_135_B2_B09_T7C	
67346	ZM_135_B2_B09		ZM_135_B2_B09_MR
67347	ZM_135_B2_B10	ZM_135_B2_B10_T7C	
67348	ZM_135_B2_B10		ZM_135_B2_B10_MR
67349	ZM_135_B2_B11	ZM_135_B2_B11_T7C	
67350	ZM_135_B2_B11		ZM_135_B2_B11_MR
67351	ZM_135_B2_B12	ZM_135_B2_B12_T7C	
67352	ZM_135_B2_B12		ZM_135_B2_B12_MR
67353	ZM_135_B2_C01	ZM_135_B2_C01_T7C	
67354	ZM_135_B2_C01		ZM_135_B2_C01_MR
67355	ZM_135_B2_C02	ZM_135_B2_C02_T7C	
67356	ZM_135_B2_C02		ZM_135_B2_C02_MR
67357	ZM_135_B2_C03	ZM_135_B2_C03_T7C	
67358	ZM_135_B2_C03		ZM_135_B2_C03_MR
67359	ZM_135_B2_C04	ZM_135_B2_C04_T7C	
67360	ZM_135_B2_C04		ZM_135_B2_C04_MR
67361	ZM_135_B2_C05	ZM_135_B2_C05_T7C	
67362	ZM_135_B2_C05		ZM_135_B2_C05_MR
67363	ZM_135_B2_C06	ZM_135_B2_C06_T7C	
67364	ZM_135_B2_C06		ZM_135_B2_C06_MR
67365	ZM_135_B2_C07	ZM_135_B2_C07_T7C	
67366	ZM_135_B2_C07		ZM_135_B2_C07_MR
67367	ZM_135_B2_C08	ZM_135_B2_C08_T7C	
67368	ZM_135_B2_C08		ZM_135_B2_C08_MR
67369	ZM_135_B2_C09	ZM_135_B2_C09_T7C	
67370	ZM_135_B2_C09		ZM_135_B2_C09_MR
67371	ZM_135_B2_C10	ZM_135_B2_C10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67372	ZM_135_B2_C10		ZM_135_B2_C10_MR
67373	ZM_135_B2_C11	ZM_135_B2_C11_T7C	
67374	ZM_135_B2_C12	ZM_135_B2_C12_T7C	
67375	ZM_135_B2_C12		ZM_135_B2_C12_MR
67376	ZM_135_B2_D01	ZM_135_B2_D01_T7C	
67377	ZM_135_B2_D01		ZM_135_B2_D01_MR
67378	ZM_135_B2_D02	ZM_135_B2_D02_T7C	
67379	ZM_135_B2_D02		ZM_135_B2_D02_MR
67380	ZM_135_B2_D03	ZM_135_B2_D03_T7C	
67381	ZM_135_B2_D03		ZM_135_B2_D03_MR
67382	ZM_135_B2_D04	ZM_135_B2_D04_T7C	
67383	ZM_135_B2_D04		ZM_135_B2_D04_MR
67384	ZM_135_B2_D05	ZM_135_B2_D05_T7C	
67385	ZM_135_B2_D05		ZM_135_B2_D05_MR
67386	ZM_135_B2_D06	ZM_135_B2_D06_T7C	
67387	ZM_135_B2_D06		ZM_135_B2_D06_MR
67388	ZM_135_B2_D07	ZM_135_B2_D07_T7C	
67389	ZM_135_B2_D07		ZM_135_B2_D07_MR
67390	ZM_135_B2_D08	ZM_135_B2_D08_T7C	
67391	ZM_135_B2_D08		ZM_135_B2_D08_MR
67392	ZM_135_B2_D09	ZM_135_B2_D09_T7C	
67393	ZM_135_B2_D09		ZM_135_B2_D09_MR
67394	ZM_135_B2_D10	ZM_135_B2_D10_T7C	
67395	ZM_135_B2_D10		ZM_135_B2_D10_MR
67396	ZM_135_B2_D11	ZM_135_B2_D11_T7C	
67397	ZM_135_B2_D11		ZM_135_B2_D11_MR
67398	ZM_135_B2_D12	ZM_135_B2_D12_T7C	
67399	ZM_135_B2_D12		ZM_135_B2_D12_MR
67400	ZM_135_B2_E01	ZM_135_B2_E01_T7C	
67401	ZM_135_B2_E01		ZM_135_B2_E01_MR
67402	ZM_135_B2_E02	ZM_135_B2_E02_T7C	
67403	ZM_135_B2_E02		ZM_135_B2_E02_MR
67404	ZM_135_B2_E03	ZM_135_B2_E03_T7C	
67405	ZM_135_B2_E03		ZM_135_B2_E03_MR
67406	ZM_135_B2_E04	ZM_135_B2_E04_T7C	
67407	ZM_135_B2_E04		ZM_135_B2_E04_MR
67408	ZM_135_B2_E05	ZM_135_B2_E05_T7C	
67409	ZM_135_B2_E05		ZM_135_B2_E05_MR
67410	ZM_135_B2_E06	ZM_135_B2_E06_T7C	
67411	ZM_135_B2_E06		ZM_135_B2_E06_MR
67412	ZM_135_B2_E07	ZM_135_B2_E07_T7C	
67413	ZM_135_B2_E07		ZM_135_B2_E07_MR
67414	ZM_135_B2_E08	ZM_135_B2_E08_T7C	
67415	ZM_135_B2_E08		ZM_135_B2_E08_MR
67416	ZM_135_B2_E09	ZM_135_B2_E09_T7C	
67417	ZM_135_B2_E09		ZM_135_B2_E09_MR
67418	ZM_135_B2_E11	ZM_135_B2_E11_T7C	
67419	ZM_135_B2_E11		ZM_135_B2_E11_MR
67420	ZM_135_B2_E12	ZM_135_B2_E12_T7C	
67421	ZM_135_B2_E12		ZM_135_B2_E12_MR
67422	ZM_135_B2_F01	ZM_135_B2_F01_T7C	
67423	ZM_135_B2_F01		ZM_135_B2_F01_MR
67424	ZM_135_B2_F02	ZM_135_B2_F02_T7C	
67425	ZM_135_B2_F02		ZM_135_B2_F02_MR
67426	ZM_135_B2_F03	ZM_135_B2_F03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67427	ZM_135_B2_F03		ZM_135_B2_F03_MR
67428	ZM_135_B2_F04		ZM_135_B2_F04_MR
67429	ZM_135_B2_F05	ZM_135_B2_F05_T7C	
67430	ZM_135_B2_F05		ZM_135_B2_F05_MR
67431	ZM_135_B2_F06	ZM_135_B2_F06_T7C	
67432	ZM_135_B2_F06		ZM_135_B2_F06_MR
67433	ZM_135_B2_F07	ZM_135_B2_F07_T7C	
67434	ZM_135_B2_F07		ZM_135_B2_F07_MR
67435	ZM_135_B2_F09	ZM_135_B2_F09_T7C	
67436	ZM_135_B2_F09		ZM_135_B2_F09_MR
67437	ZM_135_B2_F10	ZM_135_B2_F10_T7C	
67438	ZM_135_B2_F10		ZM_135_B2_F10_MR
67439	ZM_135_B2_F11	ZM_135_B2_F11_T7C	
67440	ZM_135_B2_F11		ZM_135_B2_F11_MR
67441	ZM_135_B2_F12	ZM_135_B2_F12_T7C	
67442	ZM_135_B2_F12		ZM_135_B2_F12_MR
67443	ZM_135_B2_G01	ZM_135_B2_G01_T7C	
67444	ZM_135_B2_G01		ZM_135_B2_G01_MR
67445	ZM_135_B2_G02	ZM_135_B2_G02_T7C	
67446	ZM_135_B2_G02		ZM_135_B2_G02_MR
67447	ZM_135_B2_G04	ZM_135_B2_G04_T7C	
67448	ZM_135_B2_G04		ZM_135_B2_G04_MR
67449	ZM_135_B2_G05	ZM_135_B2_G05_T7C	
67450	ZM_135_B2_G05		ZM_135_B2_G05_MR
67451	ZM_135_B2_G07	ZM_135_B2_G07_T7C	
67452	ZM_135_B2_G07		ZM_135_B2_G07_MR
67453	ZM_135_B2_G08	ZM_135_B2_G08_T7C	
67454	ZM_135_B2_G08		ZM_135_B2_G08_MR
67455	ZM_135_B2_G09	ZM_135_B2_G09_T7C	
67456	ZM_135_B2_G09		ZM_135_B2_G09_MR
67457	ZM_135_B2_G10	ZM_135_B2_G10_T7C	
67458	ZM_135_B2_G10		ZM_135_B2_G10_MR
67459	ZM_135_B2_G11	ZM_135_B2_G11_T7C	
67460	ZM_135_B2_G11		ZM_135_B2_G11_MR
67461	ZM_135_B2_G12	ZM_135_B2_G12_T7C	
67462	ZM_135_B2_G12		ZM_135_B2_G12_MR
67463	ZM_135_B2_H01	ZM_135_B2_H01_T7C	
67464	ZM_135_B2_H01		ZM_135_B2_H01_MR
67465	ZM_135_B2_H02	ZM_135_B2_H02_T7C	
67466	ZM_135_B2_H02		ZM_135_B2_H02_MR
67467	ZM_135_B2_H03	ZM_135_B2_H03_T7C	
67468	ZM_135_B2_H03		ZM_135_B2_H03_MR
67469	ZM_135_B2_H04	ZM_135_B2_H04_T7C	
67470	ZM_135_B2_H04		ZM_135_B2_H04_MR
67471	ZM_135_B2_H05	ZM_135_B2_H05_T7C	
67472	ZM_135_B2_H05		ZM_135_B2_H05_MR
67473	ZM_135_B2_H06	ZM_135_B2_H06_T7C	
67474	ZM_135_B2_H06		ZM_135_B2_H06_MR
67475	ZM_135_B2_H07	ZM_135_B2_H07_T7C	
67476	ZM_135_B2_H07		ZM_135_B2_H07_MR
67477	ZM_135_B2_H08	ZM_135_B2_H08_T7C	
67478	ZM_135_B2_H08		ZM_135_B2_H08_MR
67479	ZM_135_B2_H09	ZM_135_B2_H09_T7C	
67480	ZM_135_B2_H09		ZM_135_B2_H09_MR
67481	ZM_135_B2_H10	ZM_135_B2_H10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67482	ZM_135_B2_H10		ZM_135_B2_H10_MR
67483	ZM_135_B2_H11	ZM_135_B2_H11_T7C	
67484	ZM_135_B2_H11		ZM_135_B2_H11_MR
67485	ZM_135_B2_H12	ZM_135_B2_H12_T7C	
67486	ZM_135_B2_H12		ZM_135_B2_H12_MR
67487	ZM_136_A1_A01		ZM_136_A1_A01_MR
67488	ZM_136_A1_A02		ZM_136_A1_A02_MR
67489	ZM_136_A1_A03		ZM_136_A1_A03_MR
67490	ZM_136_A1_A04		ZM_136_A1_A04_MR
67491	ZM_136_A1_A05		ZM_136_A1_A05_MR
67492	ZM_136_A1_A08		ZM_136_A1_A08_MR
67493	ZM_136_A1_A10		ZM_136_A1_A10_MR
67494	ZM_136_A1_A11		ZM_136_A1_A11_MR
67495	ZM_136_A1_A12		ZM_136_A1_A12_MR
67496	ZM_136_A1_B01		ZM_136_A1_B01_MR
67497	ZM_136_A1_B02		ZM_136_A1_B02_MR
67498	ZM_136_A1_B03		ZM_136_A1_B03_MR
67499	ZM_136_A1_B04		ZM_136_A1_B04_MR
67500	ZM_136_A1_B05		ZM_136_A1_B05_MR
67501	ZM_136_A1_B07		ZM_136_A1_B07_MR
67502	ZM_136_A1_B08		ZM_136_A1_B08_MR
67503	ZM_136_A1_B09		ZM_136_A1_B09_MR
67504	ZM_136_A1_B10		ZM_136_A1_B10_MR
67505	ZM_136_A1_B11		ZM_136_A1_B11_MR
67506	ZM_136_A1_B12		ZM_136_A1_B12_MR
67507	ZM_136_A1_C01		ZM_136_A1_C01_MR
67508	ZM_136_A1_C02		ZM_136_A1_C02_MR
67509	ZM_136_A1_C03		ZM_136_A1_C03_MR
67510	ZM_136_A1_C04		ZM_136_A1_C04_MR
67511	ZM_136_A1_C05		ZM_136_A1_C05_MR
67512	ZM_136_A1_C06		ZM_136_A1_C06_MR
67513	ZM_136_A1_C07		ZM_136_A1_C07_MR
67514	ZM_136_A1_C08		ZM_136_A1_C08_MR
67515	ZM_136_A1_C09		ZM_136_A1_C09_MR
67516	ZM_136_A1_C10		ZM_136_A1_C10_MR
67517	ZM_136_A1_C11		ZM_136_A1_C11_MR
67518	ZM_136_A1_C12		ZM_136_A1_C12_MR
67519	ZM_136_A1_D01		ZM_136_A1_D01_MR
67520	ZM_136_A1_D02		ZM_136_A1_D02_MR
67521	ZM_136_A1_D03		ZM_136_A1_D03_MR
67522	ZM_136_A1_D05		ZM_136_A1_D05_MR
67523	ZM_136_A1_D06		ZM_136_A1_D06_MR
67524	ZM_136_A1_D07		ZM_136_A1_D07_MR
67525	ZM_136_A1_D08		ZM_136_A1_D08_MR
67526	ZM_136_A1_D10		ZM_136_A1_D10_MR
67527	ZM_136_A1_D11		ZM_136_A1_D11_MR
67528	ZM_136_A1_D12		ZM_136_A1_D12_MR
67529	ZM_136_A1_E01		ZM_136_A1_E01_MR
67530	ZM_136_A1_E02		ZM_136_A1_E02_MR
67531	ZM_136_A1_E04		ZM_136_A1_E04_MR
67532	ZM_136_A1_E06		ZM_136_A1_E06_MR
67533	ZM_136_A1_E07		ZM_136_A1_E07_MR
67534	ZM_136_A1_E08		ZM_136_A1_E08_MR
67535	ZM_136_A1_E09		ZM_136_A1_E09_MR
67536	ZM_136_A1_E10		ZM_136_A1_E10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67537	ZM_136_A1_E11		ZM_136_A1_E11_MR
67538	ZM_136_A1_E12		ZM_136_A1_E12_MR
67539	ZM_136_A1_F01		ZM_136_A1_F01_MR
67540	ZM_136_A1_F02		ZM_136_A1_F02_MR
67541	ZM_136_A1_F03		ZM_136_A1_F03_MR
67542	ZM_136_A1_F04		ZM_136_A1_F04_MR
67543	ZM_136_A1_F05		ZM_136_A1_F05_MR
67544	ZM_136_A1_F06		ZM_136_A1_F06_MR
67545	ZM_136_A1_F07		ZM_136_A1_F07_MR
67546	ZM_136_A1_F08		ZM_136_A1_F08_MR
67547	ZM_136_A1_F09		ZM_136_A1_F09_MR
67548	ZM_136_A1_F10		ZM_136_A1_F10_MR
67549	ZM_136_A1_F11		ZM_136_A1_F11_MR
67550	ZM_136_A1_F12		ZM_136_A1_F12_MR
67551	ZM_136_A1_G01		ZM_136_A1_G01_MR
67552	ZM_136_A1_G02		ZM_136_A1_G02_MR
67553	ZM_136_A1_G04		ZM_136_A1_G04_MR
67554	ZM_136_A1_G05		ZM_136_A1_G05_MR
67555	ZM_136_A1_G07		ZM_136_A1_G07_MR
67556	ZM_136_A1_G08		ZM_136_A1_G08_MR
67557	ZM_136_A1_G09		ZM_136_A1_G09_MR
67558	ZM_136_A1_G10		ZM_136_A1_G10_MR
67559	ZM_136_A1_G11		ZM_136_A1_G11_MR
67560	ZM_136_A1_G12		ZM_136_A1_G12_MR
67561	ZM_136_A1_H01		ZM_136_A1_H01_MR
67562	ZM_136_A1_H02		ZM_136_A1_H02_MR
67563	ZM_136_A1_H03		ZM_136_A1_H03_MR
67564	ZM_136_A1_H04		ZM_136_A1_H04_MR
67565	ZM_136_A1_H05		ZM_136_A1_H05_MR
67566	ZM_136_A1_H06		ZM_136_A1_H06_MR
67567	ZM_136_A1_H07		ZM_136_A1_H07_MR
67568	ZM_136_A1_H08		ZM_136_A1_H08_MR
67569	ZM_136_A1_H09		ZM_136_A1_H09_MR
67570	ZM_136_A1_H10		ZM_136_A1_H10_MR
67571	ZM_136_A1_H11		ZM_136_A1_H11_MR
67572	ZM_136_A1_H12		ZM_136_A1_H12_MR
67573	ZM_136_A2_A02	ZM_136_A2_A02_T7C	
67574	ZM_136_A2_A02		ZM_136_A2_A02_MR
67575	ZM_136_A2_A03	ZM_136_A2_A03_T7C	
67576	ZM_136_A2_A03		ZM_136_A2_A03_MR
67577	ZM_136_A2_A04	ZM_136_A2_A04_T7C	
67578	ZM_136_A2_A05	ZM_136_A2_A05_T7C	
67579	ZM_136_A2_A05		ZM_136_A2_A05_MR
67580	ZM_136_A2_A07	ZM_136_A2_A07_T7C	
67581	ZM_136_A2_A07		ZM_136_A2_A07_MR
67582	ZM_136_A2_A08	ZM_136_A2_A08_T7C	
67583	ZM_136_A2_A10	ZM_136_A2_A10_T7C	
67584	ZM_136_A2_A10		ZM_136_A2_A10_MR
67585	ZM_136_A2_A11	ZM_136_A2_A11_T7C	
67586	ZM_136_A2_A12	ZM_136_A2_A12_T7C	
67587	ZM_136_A2_A12		ZM_136_A2_A12_MR
67588	ZM_136_A2_B01	ZM_136_A2_B01_T7C	
67589	ZM_136_A2_B01		ZM_136_A2_B01_MR
67590	ZM_136_A2_B02	ZM_136_A2_B02_T7C	
67591	ZM_136_A2_B02		ZM_136_A2_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67592	ZM_136_A2_B03	ZM_136_A2_B03_T7C	
67593	ZM_136_A2_B03		ZM_136_A2_B03_MR
67594	ZM_136_A2_B04	ZM_136_A2_B04_T7C	
67595	ZM_136_A2_B04		ZM_136_A2_B04_MR
67596	ZM_136_A2_B05	ZM_136_A2_B05_T7C	
67597	ZM_136_A2_B06	ZM_136_A2_B06_T7C	
67598	ZM_136_A2_B06		ZM_136_A2_B06_MR
67599	ZM_136_A2_B07	ZM_136_A2_B07_T7C	
67600	ZM_136_A2_B07		ZM_136_A2_B07_MR
67601	ZM_136_A2_B08	ZM_136_A2_B08_T7C	
67602	ZM_136_A2_B08		ZM_136_A2_B08_MR
67603	ZM_136_A2_B09	ZM_136_A2_B09_T7C	
67604	ZM_136_A2_B09		ZM_136_A2_B09_MR
67605	ZM_136_A2_B10	ZM_136_A2_B10_T7C	
67606	ZM_136_A2_B11	ZM_136_A2_B11_T7C	
67607	ZM_136_A2_B11		ZM_136_A2_B11_MR
67608	ZM_136_A2_B12	ZM_136_A2_B12_T7C	
67609	ZM_136_A2_C01	ZM_136_A2_C01_T7C	
67610	ZM_136_A2_C01		ZM_136_A2_C01_MR
67611	ZM_136_A2_C02	ZM_136_A2_C02_T7C	
67612	ZM_136_A2_C02		ZM_136_A2_C02_MR
67613	ZM_136_A2_C03	ZM_136_A2_C03_T7C	
67614	ZM_136_A2_C04	ZM_136_A2_C04_T7C	
67615	ZM_136_A2_C04		ZM_136_A2_C04_MR
67616	ZM_136_A2_C05	ZM_136_A2_C05_T7C	
67617	ZM_136_A2_C05		ZM_136_A2_C05_MR
67618	ZM_136_A2_C06	ZM_136_A2_C06_T7C	
67619	ZM_136_A2_C06		ZM_136_A2_C06_MR
67620	ZM_136_A2_C07	ZM_136_A2_C07_T7C	
67621	ZM_136_A2_C07		ZM_136_A2_C07_MR
67622	ZM_136_A2_C08	ZM_136_A2_C08_T7C	
67623	ZM_136_A2_C08		ZM_136_A2_C08_MR
67624	ZM_136_A2_C09	ZM_136_A2_C09_T7C	
67625	ZM_136_A2_C09		ZM_136_A2_C09_MR
67626	ZM_136_A2_C10	ZM_136_A2_C10_T7C	
67627	ZM_136_A2_C10		ZM_136_A2_C10_MR
67628	ZM_136_A2_C11	ZM_136_A2_C11_T7C	
67629	ZM_136_A2_C11		ZM_136_A2_C11_MR
67630	ZM_136_A2_C12	ZM_136_A2_C12_T7C	
67631	ZM_136_A2_C12		ZM_136_A2_C12_MR
67632	ZM_136_A2_D01	ZM_136_A2_D01_T7C	
67633	ZM_136_A2_D01		ZM_136_A2_D01_MR
67634	ZM_136_A2_D02	ZM_136_A2_D02_T7C	
67635	ZM_136_A2_D02		ZM_136_A2_D02_MR
67636	ZM_136_A2_D03	ZM_136_A2_D03_T7C	
67637	ZM_136_A2_D03		ZM_136_A2_D03_MR
67638	ZM_136_A2_D06	ZM_136_A2_D06_T7C	
67639	ZM_136_A2_D06		ZM_136_A2_D06_MR
67640	ZM_136_A2_D07	ZM_136_A2_D07_T7C	
67641	ZM_136_A2_D07		ZM_136_A2_D07_MR
67642	ZM_136_A2_D08		ZM_136_A2_D08_MR
67643	ZM_136_A2_D09	ZM_136_A2_D09_T7C	
67644	ZM_136_A2_D09		ZM_136_A2_D09_MR
67645	ZM_136_A2_D10	ZM_136_A2_D10_T7C	
67646	ZM_136_A2_D10		ZM_136_A2_D10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67647	ZM_136_A2_D11	ZM_136_A2_D11_T7C	ZM_136_A2_D11_MR
67648	ZM_136_A2_D11		
67649	ZM_136_A2_D12	ZM_136_A2_D12_T7C	ZM_136_A2_D12_MR
67650	ZM_136_A2_D12		
67651	ZM_136_A2_E01	ZM_136_A2_E01_T7C	ZM_136_A2_E01_MR
67652	ZM_136_A2_E01		
67653	ZM_136_A2_E02	ZM_136_A2_E02_T7C	ZM_136_A2_E02_MR
67654	ZM_136_A2_E02		
67655	ZM_136_A2_E03	ZM_136_A2_E03_T7C	
67656	ZM_136_A2_E04	ZM_136_A2_E04_T7C	ZM_136_A2_E04_MR
67657	ZM_136_A2_E04		
67658	ZM_136_A2_E05	ZM_136_A2_E05_T7C	ZM_136_A2_E05_MR
67659	ZM_136_A2_E05		
67660	ZM_136_A2_E07	ZM_136_A2_E07_T7C	ZM_136_A2_E07_MR
67661	ZM_136_A2_E07		
67662	ZM_136_A2_E08	ZM_136_A2_E08_T7C	ZM_136_A2_E08_MR
67663	ZM_136_A2_E08		
67664	ZM_136_A2_E09	ZM_136_A2_E09_T7C	ZM_136_A2_E09_MR
67665	ZM_136_A2_E09		
67666	ZM_136_A2_E10	ZM_136_A2_E10_T7C	ZM_136_A2_E10_MR
67667	ZM_136_A2_E10		
67668	ZM_136_A2_E11	ZM_136_A2_E11_T7C	ZM_136_A2_E11_MR
67669	ZM_136_A2_E11		
67670	ZM_136_A2_E12	ZM_136_A2_E12_T7C	ZM_136_A2_E12_MR
67671	ZM_136_A2_E12		
67672	ZM_136_A2_F01	ZM_136_A2_F01_T7C	ZM_136_A2_F01_MR
67673	ZM_136_A2_F01		ZM_136_A2_F02_MR
67674	ZM_136_A2_F02		
67675	ZM_136_A2_F03	ZM_136_A2_F03_T7C	ZM_136_A2_F03_MR
67676	ZM_136_A2_F03		
67677	ZM_136_A2_F04	ZM_136_A2_F04_T7C	ZM_136_A2_F04_MR
67678	ZM_136_A2_F04		
67679	ZM_136_A2_F05	ZM_136_A2_F05_T7C	
67680	ZM_136_A2_F06	ZM_136_A2_F06_T7C	ZM_136_A2_F06_MR
67681	ZM_136_A2_F06		
67682	ZM_136_A2_F07	ZM_136_A2_F07_T7C	ZM_136_A2_F07_MR
67683	ZM_136_A2_F07		
67684	ZM_136_A2_F08	ZM_136_A2_F08_T7C	ZM_136_A2_F08_MR
67685	ZM_136_A2_F08		
67686	ZM_136_A2_F09	ZM_136_A2_F09_T7C	
67687	ZM_136_A2_F10	ZM_136_A2_F10_T7C	ZM_136_A2_F10_MR
67688	ZM_136_A2_F10		
67689	ZM_136_A2_F11	ZM_136_A2_F11_T7C	ZM_136_A2_F11_MR
67690	ZM_136_A2_F11		
67691	ZM_136_A2_F12	ZM_136_A2_F12_T7C	ZM_136_A2_F12_MR
67692	ZM_136_A2_F12		
67693	ZM_136_A2_G01	ZM_136_A2_G01_T7C	ZM_136_A2_G01_MR
67694	ZM_136_A2_G01		
67695	ZM_136_A2_G02	ZM_136_A2_G02_T7C	ZM_136_A2_G02_MR
67696	ZM_136_A2_G02		
67697	ZM_136_A2_G03	ZM_136_A2_G03_T7C	
67698	ZM_136_A2_G04	ZM_136_A2_G04_T7C	ZM_136_A2_G04_MR
67699	ZM_136_A2_G04		
67700	ZM_136_A2_G05	ZM_136_A2_G05_T7C	ZM_136_A2_G05_MR
67701	ZM_136_A2_G05		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67702	ZM_136_A2_G06	ZM_136_A2_G06_T7C	
67703	ZM_136_A2_G06		ZM_136_A2_G06_MR
67704	ZM_136_A2_G07	ZM_136_A2_G07_T7C	
67705	ZM_136_A2_G07		ZM_136_A2_G07_MR
67706	ZM_136_A2_G08	ZM_136_A2_G08_T7C	
67707	ZM_136_A2_G08		ZM_136_A2_G08_MR
67708	ZM_136_A2_G09	ZM_136_A2_G09_T7C	
67709	ZM_136_A2_G09		ZM_136_A2_G09_MR
67710	ZM_136_A2_G10	ZM_136_A2_G10_T7C	
67711	ZM_136_A2_G10		ZM_136_A2_G10_MR
67712	ZM_136_A2_G11	ZM_136_A2_G11_T7C	
67713	ZM_136_A2_G12	ZM_136_A2_G12_T7C	
67714	ZM_136_A2_G12		ZM_136_A2_G12_MR
67715	ZM_136_A2_H01	ZM_136_A2_H01_T7C	
67716	ZM_136_A2_H01		ZM_136_A2_H01_MR
67717	ZM_136_A2_H02	ZM_136_A2_H02_T7C	
67718	ZM_136_A2_H02		ZM_136_A2_H02_MR
67719	ZM_136_A2_H03	ZM_136_A2_H03_T7C	
67720	ZM_136_A2_H03		ZM_136_A2_H03_MR
67721	ZM_136_A2_H04	ZM_136_A2_H04_T7C	
67722	ZM_136_A2_H04		ZM_136_A2_H04_MR
67723	ZM_136_A2_H05	ZM_136_A2_H05_T7C	
67724	ZM_136_A2_H05		ZM_136_A2_H05_MR
67725	ZM_136_A2_H06	ZM_136_A2_H06_T7C	
67726	ZM_136_A2_H06		ZM_136_A2_H06_MR
67727	ZM_136_A2_H07	ZM_136_A2_H07_T7C	
67728	ZM_136_A2_H07		ZM_136_A2_H07_MR
67729	ZM_136_A2_H08	ZM_136_A2_H08_T7C	
67730	ZM_136_A2_H09	ZM_136_A2_H09_T7C	
67731	ZM_136_A2_H10	ZM_136_A2_H10_T7C	
67732	ZM_136_A2_H10		ZM_136_A2_H10_MR
67733	ZM_136_A2_H11	ZM_136_A2_H11_T7C	
67734	ZM_136_A2_H12	ZM_136_A2_H12_T7C	
67735	ZM_136_A2_H12		ZM_136_A2_H12_MR
67736	ZM_136_B1_A01		ZM_136_B1_A01_MR
67737	ZM_136_B1_A02		ZM_136_B1_A02_MR
67738	ZM_136_B1_A03		ZM_136_B1_A03_MR
67739	ZM_136_B1_A04		ZM_136_B1_A04_MR
67740	ZM_136_B1_A05		ZM_136_B1_A05_MR
67741	ZM_136_B1_A06		ZM_136_B1_A06_MR
67742	ZM_136_B1_A07		ZM_136_B1_A07_MR
67743	ZM_136_B1_A08		ZM_136_B1_A08_MR
67744	ZM_136_B1_A09		ZM_136_B1_A09_MR
67745	ZM_136_B1_A10		ZM_136_B1_A10_MR
67746	ZM_136_B1_A12		ZM_136_B1_A12_MR
67747	ZM_136_B1_B01		ZM_136_B1_B01_MR
67748	ZM_136_B1_B02		ZM_136_B1_B02_MR
67749	ZM_136_B1_B03		ZM_136_B1_B03_MR
67750	ZM_136_B1_B04		ZM_136_B1_B04_MR
67751	ZM_136_B1_B05		ZM_136_B1_B05_MR
67752	ZM_136_B1_B06		ZM_136_B1_B06_MR
67753	ZM_136_B1_B07		ZM_136_B1_B07_MR
67754	ZM_136_B1_B08		ZM_136_B1_B08_MR
67755	ZM_136_B1_B09		ZM_136_B1_B09_MR
67756	ZM_136_B1_B10		ZM_136_B1_B10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67757	ZM_136_B1_B11		ZM_136_B1_B11_MR
67758	ZM_136_B1_B12		ZM_136_B1_B12_MR
67759	ZM_136_B1_C01		ZM_136_B1_C01_MR
67760	ZM_136_B1_C02		ZM_136_B1_C02_MR
67761	ZM_136_B1_C04		ZM_136_B1_C04_MR
67762	ZM_136_B1_C05		ZM_136_B1_C05_MR
67763	ZM_136_B1_C06		ZM_136_B1_C06_MR
67764	ZM_136_B1_C07		ZM_136_B1_C07_MR
67765	ZM_136_B1_C08		ZM_136_B1_C08_MR
67766	ZM_136_B1_C09		ZM_136_B1_C09_MR
67767	ZM_136_B1_C10		ZM_136_B1_C10_MR
67768	ZM_136_B1_C11		ZM_136_B1_C11_MR
67769	ZM_136_B1_C12		ZM_136_B1_C12_MR
67770	ZM_136_B1_D01		ZM_136_B1_D01_MR
67771	ZM_136_B1_D02		ZM_136_B1_D02_MR
67772	ZM_136_B1_D03		ZM_136_B1_D03_MR
67773	ZM_136_B1_D04		ZM_136_B1_D04_MR
67774	ZM_136_B1_D05		ZM_136_B1_D05_MR
67775	ZM_136_B1_D06		ZM_136_B1_D06_MR
67776	ZM_136_B1_D07		ZM_136_B1_D07_MR
67777	ZM_136_B1_D08		ZM_136_B1_D08_MR
67778	ZM_136_B1_D09		ZM_136_B1_D09_MR
67779	ZM_136_B1_D10		ZM_136_B1_D10_MR
67780	ZM_136_B1_D11		ZM_136_B1_D11_MR
67781	ZM_136_B1_D12		ZM_136_B1_D12_MR
67782	ZM_136_B1_E01		ZM_136_B1_E01_MR
67783	ZM_136_B1_E02		ZM_136_B1_E02_MR
67784	ZM_136_B1_E04		ZM_136_B1_E04_MR
67785	ZM_136_B1_E07		ZM_136_B1_E07_MR
67786	ZM_136_B1_E08		ZM_136_B1_E08_MR
67787	ZM_136_B1_E09		ZM_136_B1_E09_MR
67788	ZM_136_B1_E10		ZM_136_B1_E10_MR
67789	ZM_136_B1_E11		ZM_136_B1_E11_MR
67790	ZM_136_B1_E12		ZM_136_B1_E12_MR
67791	ZM_136_B1_F01		ZM_136_B1_F01_MR
67792	ZM_136_B1_F02		ZM_136_B1_F02_MR
67793	ZM_136_B1_F03		ZM_136_B1_F03_MR
67794	ZM_136_B1_F04		ZM_136_B1_F04_MR
67795	ZM_136_B1_F05		ZM_136_B1_F05_MR
67796	ZM_136_B1_F06		ZM_136_B1_F06_MR
67797	ZM_136_B1_F07		ZM_136_B1_F07_MR
67798	ZM_136_B1_F08		ZM_136_B1_F08_MR
67799	ZM_136_B1_F09		ZM_136_B1_F09_MR
67800	ZM_136_B1_F10		ZM_136_B1_F10_MR
67801	ZM_136_B1_F11		ZM_136_B1_F11_MR
67802	ZM_136_B1_F12		ZM_136_B1_F12_MR
67803	ZM_136_B1_G01		ZM_136_B1_G01_MR
67804	ZM_136_B1_G02		ZM_136_B1_G02_MR
67805	ZM_136_B1_G03		ZM_136_B1_G03_MR
67806	ZM_136_B1_G04		ZM_136_B1_G04_MR
67807	ZM_136_B1_G05		ZM_136_B1_G05_MR
67808	ZM_136_B1_G06		ZM_136_B1_G06_MR
67809	ZM_136_B1_G07		ZM_136_B1_G07_MR
67810	ZM_136_B1_G08		ZM_136_B1_G08_MR
67811	ZM_136_B1_G09		ZM_136_B1_G09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67812	ZM_136_B1_G10		ZM_136_B1_G10_MR
67813	ZM_136_B1_G11		ZM_136_B1_G11_MR
67814	ZM_136_B1_G12		ZM_136_B1_G12_MR
67815	ZM_136_B1_H01		ZM_136_B1_H01_MR
67816	ZM_136_B1_H02		ZM_136_B1_H02_MR
67817	ZM_136_B1_H03		ZM_136_B1_H03_MR
67818	ZM_136_B1_H04		ZM_136_B1_H04_MR
67819	ZM_136_B1_H05		ZM_136_B1_H05_MR
67820	ZM_136_B1_H06		ZM_136_B1_H06_MR
67821	ZM_136_B1_H07		ZM_136_B1_H07_MR
67822	ZM_136_B1_H08		ZM_136_B1_H08_MR
67823	ZM_136_B1_H09		ZM_136_B1_H09_MR
67824	ZM_136_B1_H10		ZM_136_B1_H10_MR
67825	ZM_136_B1_H11		ZM_136_B1_H11_MR
67826	ZM_136_B1_H12		ZM_136_B1_H12_MR
67827	ZM_137_A1_A01	ZM_137_A1_A01_T7C	
67828	ZM_137_A1_A02	ZM_137_A1_A02_T7C	
67829	ZM_137_A1_A03	ZM_137_A1_A03_T7C	
67830	ZM_137_A1_A04	ZM_137_A1_A04_T7C	
67831	ZM_137_A1_A07	ZM_137_A1_A07_T7C	
67832	ZM_137_A1_A08	ZM_137_A1_A08_T7C	
67833	ZM_137_A1_A09	ZM_137_A1_A09_T7C	
67834	ZM_137_A1_A11	ZM_137_A1_A11_T7C	
67835	ZM_137_A1_B01	ZM_137_A1_B01_T7C	
67836	ZM_137_A1_B02	ZM_137_A1_B02_T7C	
67837	ZM_137_A1_B03	ZM_137_A1_B03_T7C	
67838	ZM_137_A1_B04	ZM_137_A1_B04_T7C	
67839	ZM_137_A1_B07	ZM_137_A1_B07_T7C	
67840	ZM_137_A1_B08	ZM_137_A1_B08_T7C	
67841	ZM_137_A1_B09	ZM_137_A1_B09_T7C	
67842	ZM_137_A1_B10	ZM_137_A1_B10_T7C	
67843	ZM_137_A1_B11	ZM_137_A1_B11_T7C	
67844	ZM_137_A1_B12	ZM_137_A1_B12_T7C	
67845	ZM_137_A1_C01	ZM_137_A1_C01_T7C	
67846	ZM_137_A1_C02	ZM_137_A1_C02_T7C	
67847	ZM_137_A1_C03	ZM_137_A1_C03_T7C	
67848	ZM_137_A1_C04	ZM_137_A1_C04_T7C	
67849	ZM_137_A1_C05	ZM_137_A1_C05_T7C	
67850	ZM_137_A1_C06	ZM_137_A1_C06_T7C	
67851	ZM_137_A1_C07	ZM_137_A1_C07_T7C	
67852	ZM_137_A1_C08	ZM_137_A1_C08_T7C	
67853	ZM_137_A1_C10	ZM_137_A1_C10_T7C	
67854	ZM_137_A1_C11	ZM_137_A1_C11_T7C	
67855	ZM_137_A1_C12	ZM_137_A1_C12_T7C	
67856	ZM_137_A1_D01	ZM_137_A1_D01_T7C	
67857	ZM_137_A1_D02	ZM_137_A1_D02_T7C	
67858	ZM_137_A1_D03	ZM_137_A1_D03_T7C	
67859	ZM_137_A1_D04	ZM_137_A1_D04_T7C	
67860	ZM_137_A1_D05	ZM_137_A1_D05_T7C	
67861	ZM_137_A1_D06	ZM_137_A1_D06_T7C	
67862	ZM_137_A1_D07	ZM_137_A1_D07_T7C	
67863	ZM_137_A1_D08	ZM_137_A1_D08_T7C	
67864	ZM_137_A1_D09	ZM_137_A1_D09_T7C	
67865	ZM_137_A1_D10	ZM_137_A1_D10_T7C	
67866	ZM_137_A1_D11	ZM_137_A1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67867	ZM_137_A1_D12	ZM_137_A1_D12_T7C	
67868	ZM_137_A1_E01	ZM_137_A1_E01_T7C	
67869	ZM_137_A1_E02	ZM_137_A1_E02_T7C	
67870	ZM_137_A1_E03	ZM_137_A1_E03_T7C	
67871	ZM_137_A1_E04	ZM_137_A1_E04_T7C	
67872	ZM_137_A1_E05	ZM_137_A1_E05_T7C	
67873	ZM_137_A1_E06	ZM_137_A1_E06_T7C	
67874	ZM_137_A1_E07	ZM_137_A1_E07_T7C	
67875	ZM_137_A1_E08	ZM_137_A1_E08_T7C	
67876	ZM_137_A1_E09	ZM_137_A1_E09_T7C	
67877	ZM_137_A1_E10	ZM_137_A1_E10_T7C	
67878	ZM_137_A1_E11	ZM_137_A1_E11_T7C	
67879	ZM_137_A1_E12	ZM_137_A1_E12_T7C	
67880	ZM_137_A1_F01	ZM_137_A1_F01_T7C	
67881	ZM_137_A1_F03	ZM_137_A1_F03_T7C	
67882	ZM_137_A1_F04	ZM_137_A1_F04_T7C	
67883	ZM_137_A1_F05	ZM_137_A1_F05_T7C	
67884	ZM_137_A1_F06	ZM_137_A1_F06_T7C	
67885	ZM_137_A1_F07	ZM_137_A1_F07_T7C	
67886	ZM_137_A1_F08	ZM_137_A1_F08_T7C	
67887	ZM_137_A1_F09	ZM_137_A1_F09_T7C	
67888	ZM_137_A1_F10	ZM_137_A1_F10_T7C	
67889	ZM_137_A1_F11	ZM_137_A1_F11_T7C	
67890	ZM_137_A1_F12	ZM_137_A1_F12_T7C	
67891	ZM_137_A1_G01	ZM_137_A1_G01_T7C	
67892	ZM_137_A1_G02	ZM_137_A1_G02_T7C	
67893	ZM_137_A1_G03	ZM_137_A1_G03_T7C	
67894	ZM_137_A1_G04	ZM_137_A1_G04_T7C	
67895	ZM_137_A1_G05	ZM_137_A1_G05_T7C	
67896	ZM_137_A1_G06	ZM_137_A1_G06_T7C	
67897	ZM_137_A1_G07	ZM_137_A1_G07_T7C	
67898	ZM_137_A1_G08	ZM_137_A1_G08_T7C	
67899	ZM_137_A1_G09	ZM_137_A1_G09_T7C	
67900	ZM_137_A1_G10	ZM_137_A1_G10_T7C	
67901	ZM_137_A1_H02	ZM_137_A1_H02_T7C	
67902	ZM_137_A1_H03	ZM_137_A1_H03_T7C	
67903	ZM_137_A1_H04	ZM_137_A1_H04_T7C	
67904	ZM_137_A1_H06	ZM_137_A1_H06_T7C	
67905	ZM_137_A1_H07	ZM_137_A1_H07_T7C	
67906	ZM_137_A1_H08	ZM_137_A1_H08_T7C	
67907	ZM_137_A1_H10	ZM_137_A1_H10_T7C	
67908	ZM_137_A1_H11	ZM_137_A1_H11_T7C	
67909	ZM_137_A2_A02	ZM_137_A2_A02_T7C	ZM_137_A2_A02_MR
67910	ZM_137_A2_A02		
67911	ZM_137_A2_A03	ZM_137_A2_A03_T7C	ZM_137_A2_A03_MR
67912	ZM_137_A2_A03		
67913	ZM_137_A2_A04	ZM_137_A2_A04_T7C	ZM_137_A2_A04_MR
67914	ZM_137_A2_A04		
67915	ZM_137_A2_A05	ZM_137_A2_A05_T7C	ZM_137_A2_A05_MR
67916	ZM_137_A2_A05		
67917	ZM_137_A2_A06	ZM_137_A2_A06_T7C	ZM_137_A2_A06_MR
67918	ZM_137_A2_A06		
67919	ZM_137_A2_A07	ZM_137_A2_A07_T7C	ZM_137_A2_A07_MR
67920	ZM_137_A2_A07		
67921	ZM_137_A2_A08	ZM_137_A2_A08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67922	ZM_137_A2_A08		ZM_137_A2_A08_MR
67923	ZM_137_A2_A09	ZM_137_A2_A09_T7C	
67924	ZM_137_A2_A09		ZM_137_A2_A09_MR
67925	ZM_137_A2_A10	ZM_137_A2_A10_T7C	
67926	ZM_137_A2_A10		ZM_137_A2_A10_MR
67927	ZM_137_A2_A11	ZM_137_A2_A11_T7C	
67928	ZM_137_A2_A11		ZM_137_A2_A11_MR
67929	ZM_137_A2_A12	ZM_137_A2_A12_T7C	
67930	ZM_137_A2_A12		ZM_137_A2_A12_MR
67931	ZM_137_A2_B01	ZM_137_A2_B01_T7C	
67932	ZM_137_A2_B01		ZM_137_A2_B01_MR
67933	ZM_137_A2_B02	ZM_137_A2_B02_T7C	
67934	ZM_137_A2_B02		ZM_137_A2_B02_MR
67935	ZM_137_A2_B03	ZM_137_A2_B03_T7C	
67936	ZM_137_A2_B03		ZM_137_A2_B03_MR
67937	ZM_137_A2_B04	ZM_137_A2_B04_T7C	
67938	ZM_137_A2_B04		ZM_137_A2_B04_MR
67939	ZM_137_A2_B05	ZM_137_A2_B05_T7C	
67940	ZM_137_A2_B05		ZM_137_A2_B05_MR
67941	ZM_137_A2_B06	ZM_137_A2_B06_T7C	
67942	ZM_137_A2_B06		ZM_137_A2_B06_MR
67943	ZM_137_A2_B07	ZM_137_A2_B07_T7C	
67944	ZM_137_A2_B07		ZM_137_A2_B07_MR
67945	ZM_137_A2_B08	ZM_137_A2_B08_T7C	
67946	ZM_137_A2_B08		ZM_137_A2_B08_MR
67947	ZM_137_A2_B09	ZM_137_A2_B09_T7C	
67948	ZM_137_A2_B09		ZM_137_A2_B09_MR
67949	ZM_137_A2_B10	ZM_137_A2_B10_T7C	
67950	ZM_137_A2_B10		ZM_137_A2_B10_MR
67951	ZM_137_A2_B11		ZM_137_A2_B11_MR
67952	ZM_137_A2_B12	ZM_137_A2_B12_T7C	
67953	ZM_137_A2_B12		ZM_137_A2_B12_MR
67954	ZM_137_A2_C01	ZM_137_A2_C01_T7C	
67955	ZM_137_A2_C01		ZM_137_A2_C01_MR
67956	ZM_137_A2_C02	ZM_137_A2_C02_T7C	
67957	ZM_137_A2_C02		ZM_137_A2_C02_MR
67958	ZM_137_A2_C03	ZM_137_A2_C03_T7C	
67959	ZM_137_A2_C03		ZM_137_A2_C03_MR
67960	ZM_137_A2_C04	ZM_137_A2_C04_T7C	
67961	ZM_137_A2_C04		ZM_137_A2_C04_MR
67962	ZM_137_A2_C05	ZM_137_A2_C05_T7C	
67963	ZM_137_A2_C05		ZM_137_A2_C05_MR
67964	ZM_137_A2_C06	ZM_137_A2_C06_T7C	
67965	ZM_137_A2_C06		ZM_137_A2_C06_MR
67966	ZM_137_A2_C07	ZM_137_A2_C07_T7C	
67967	ZM_137_A2_C07		ZM_137_A2_C07_MR
67968	ZM_137_A2_C08	ZM_137_A2_C08_T7C	
67969	ZM_137_A2_C08		ZM_137_A2_C08_MR
67970	ZM_137_A2_C09	ZM_137_A2_C09_T7C	
67971	ZM_137_A2_C09		ZM_137_A2_C09_MR
67972	ZM_137_A2_C10	ZM_137_A2_C10_T7C	
67973	ZM_137_A2_C10		ZM_137_A2_C10_MR
67974	ZM_137_A2_C11	ZM_137_A2_C11_T7C	
67975	ZM_137_A2_C11		ZM_137_A2_C11_MR
67976	ZM_137_A2_C12	ZM_137_A2_C12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
67977	ZM_137_A2_C12		ZM_137_A2_C12_MR
67978	ZM_137_A2_D01	ZM_137_A2_D01_T7C	
67979	ZM_137_A2_D01		ZM_137_A2_D01_MR
67980	ZM_137_A2_D02	ZM_137_A2_D02_T7C	
67981	ZM_137_A2_D02		ZM_137_A2_D02_MR
67982	ZM_137_A2_D03	ZM_137_A2_D03_T7C	
67983	ZM_137_A2_D03		ZM_137_A2_D03_MR
67984	ZM_137_A2_D04	ZM_137_A2_D04_T7C	
67985	ZM_137_A2_D04		ZM_137_A2_D04_MR
67986	ZM_137_A2_D05	ZM_137_A2_D05_T7C	
67987	ZM_137_A2_D05		ZM_137_A2_D05_MR
67988	ZM_137_A2_D06	ZM_137_A2_D06_T7C	
67989	ZM_137_A2_D06		ZM_137_A2_D06_MR
67990	ZM_137_A2_D07	ZM_137_A2_D07_T7C	
67991	ZM_137_A2_D07		ZM_137_A2_D07_MR
67992	ZM_137_A2_D08	ZM_137_A2_D08_T7C	
67993	ZM_137_A2_D08		ZM_137_A2_D08_MR
67994	ZM_137_A2_D09	ZM_137_A2_D09_T7C	
67995	ZM_137_A2_D09		ZM_137_A2_D09_MR
67996	ZM_137_A2_D10	ZM_137_A2_D10_T7C	
67997	ZM_137_A2_D10		ZM_137_A2_D10_MR
67998	ZM_137_A2_D11	ZM_137_A2_D11_T7C	
67999	ZM_137_A2_D11		ZM_137_A2_D11_MR
68000	ZM_137_A2_D12	ZM_137_A2_D12_T7C	
68001	ZM_137_A2_D12		ZM_137_A2_D12_MR
68002	ZM_137_A2_E01	ZM_137_A2_E01_T7C	
68003	ZM_137_A2_E01		ZM_137_A2_E01_MR
68004	ZM_137_A2_E02	ZM_137_A2_E02_T7C	
68005	ZM_137_A2_E02		ZM_137_A2_E02_MR
68006	ZM_137_A2_E03	ZM_137_A2_E03_T7C	
68007	ZM_137_A2_E03		ZM_137_A2_E03_MR
68008	ZM_137_A2_E04	ZM_137_A2_E04_T7C	
68009	ZM_137_A2_E04		ZM_137_A2_E04_MR
68010	ZM_137_A2_E06	ZM_137_A2_E06_T7C	
68011	ZM_137_A2_E06		ZM_137_A2_E06_MR
68012	ZM_137_A2_E07	ZM_137_A2_E07_T7C	
68013	ZM_137_A2_E07		ZM_137_A2_E07_MR
68014	ZM_137_A2_E08	ZM_137_A2_E08_T7C	
68015	ZM_137_A2_E08		ZM_137_A2_E08_MR
68016	ZM_137_A2_E09	ZM_137_A2_E09_T7C	
68017	ZM_137_A2_E09		ZM_137_A2_E09_MR
68018	ZM_137_A2_E10	ZM_137_A2_E10_T7C	
68019	ZM_137_A2_E10		ZM_137_A2_E10_MR
68020	ZM_137_A2_E11	ZM_137_A2_E11_T7C	
68021	ZM_137_A2_E11		ZM_137_A2_E11_MR
68022	ZM_137_A2_E12	ZM_137_A2_E12_T7C	
68023	ZM_137_A2_E12		ZM_137_A2_E12_MR
68024	ZM_137_A2_F01	ZM_137_A2_F01_T7C	
68025	ZM_137_A2_F01		ZM_137_A2_F01_MR
68026	ZM_137_A2_F02	ZM_137_A2_F02_T7C	
68027	ZM_137_A2_F02		ZM_137_A2_F02_MR
68028	ZM_137_A2_F03	ZM_137_A2_F03_T7C	
68029	ZM_137_A2_F03		ZM_137_A2_F03_MR
68030	ZM_137_A2_F04	ZM_137_A2_F04_T7C	
68031	ZM_137_A2_F04		ZM_137_A2_F04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68032	ZM_137_A2_F05	ZM_137_A2_F05_T7C	
68033	ZM_137_A2_F05		ZM_137_A2_F05_MR
68034	ZM_137_A2_F06	ZM_137_A2_F06_T7C	
68035	ZM_137_A2_F06		ZM_137_A2_F06_MR
68036	ZM_137_A2_F07	ZM_137_A2_F07_T7C	
68037	ZM_137_A2_F07		ZM_137_A2_F07_MR
68038	ZM_137_A2_F08	ZM_137_A2_F08_T7C	
68039	ZM_137_A2_F08		ZM_137_A2_F08_MR
68040	ZM_137_A2_F09	ZM_137_A2_F09_T7C	
68041	ZM_137_A2_F09		ZM_137_A2_F09_MR
68042	ZM_137_A2_F10	ZM_137_A2_F10_T7C	
68043	ZM_137_A2_F10		ZM_137_A2_F10_MR
68044	ZM_137_A2_F11	ZM_137_A2_F11_T7C	
68045	ZM_137_A2_F11		ZM_137_A2_F11_MR
68046	ZM_137_A2_F12	ZM_137_A2_F12_T7C	
68047	ZM_137_A2_F12		ZM_137_A2_F12_MR
68048	ZM_137_A2_G01	ZM_137_A2_G01_T7C	
68049	ZM_137_A2_G01		ZM_137_A2_G01_MR
68050	ZM_137_A2_G02	ZM_137_A2_G02_T7C	
68051	ZM_137_A2_G02		ZM_137_A2_G02_MR
68052	ZM_137_A2_G03	ZM_137_A2_G03_T7C	
68053	ZM_137_A2_G03		ZM_137_A2_G03_MR
68054	ZM_137_A2_G04	ZM_137_A2_G04_T7C	
68055	ZM_137_A2_G04		ZM_137_A2_G04_MR
68056	ZM_137_A2_G05	ZM_137_A2_G05_T7C	
68057	ZM_137_A2_G05		ZM_137_A2_G05_MR
68058	ZM_137_A2_G06	ZM_137_A2_G06_T7C	
68059	ZM_137_A2_G06		ZM_137_A2_G06_MR
68060	ZM_137_A2_G07	ZM_137_A2_G07_T7C	
68061	ZM_137_A2_G07		ZM_137_A2_G07_MR
68062	ZM_137_A2_G08	ZM_137_A2_G08_T7C	
68063	ZM_137_A2_G08		ZM_137_A2_G08_MR
68064	ZM_137_A2_G09	ZM_137_A2_G09_T7C	
68065	ZM_137_A2_G09		ZM_137_A2_G09_MR
68066	ZM_137_A2_G11	ZM_137_A2_G11_T7C	
68067	ZM_137_A2_G12	ZM_137_A2_G12_T7C	
68068	ZM_137_A2_G12		ZM_137_A2_G12_MR
68069	ZM_137_A2_H01	ZM_137_A2_H01_T7C	
68070	ZM_137_A2_H01		ZM_137_A2_H01_MR
68071	ZM_137_A2_H02	ZM_137_A2_H02_T7C	
68072	ZM_137_A2_H02		ZM_137_A2_H02_MR
68073	ZM_137_A2_H03	ZM_137_A2_H03_T7C	
68074	ZM_137_A2_H03		ZM_137_A2_H03_MR
68075	ZM_137_A2_H04	ZM_137_A2_H04_T7C	
68076	ZM_137_A2_H04		ZM_137_A2_H04_MR
68077	ZM_137_A2_H05	ZM_137_A2_H05_T7C	
68078	ZM_137_A2_H05		ZM_137_A2_H05_MR
68079	ZM_137_A2_H06	ZM_137_A2_H06_T7C	
68080	ZM_137_A2_H06		ZM_137_A2_H06_MR
68081	ZM_137_A2_H07	ZM_137_A2_H07_T7C	
68082	ZM_137_A2_H07		ZM_137_A2_H07_MR
68083	ZM_137_A2_H09	ZM_137_A2_H09_T7C	
68084	ZM_137_A2_H09		ZM_137_A2_H09_MR
68085	ZM_137_A2_H10	ZM_137_A2_H10_T7C	
68086	ZM_137_A2_H10		ZM_137_A2_H10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68087	ZM_137_A2_H11	ZM_137_A2_H11_T7C	ZM_137_A2_H11_MR
68088	ZM_137_A2_H11		
68089	ZM_137_A2_H12	ZM_137_A2_H12_T7C	
68090	ZM_137_A2_H12		ZM_137_A2_H12_MR
68091	ZM_137_B1_A01		ZM_137_B1_A01_MR
68092	ZM_137_B1_A02		ZM_137_B1_A02_MR
68093	ZM_137_B1_A03		ZM_137_B1_A03_MR
68094	ZM_137_B1_A04		ZM_137_B1_A04_MR
68095	ZM_137_B1_A05		ZM_137_B1_A05_MR
68096	ZM_137_B1_A06		ZM_137_B1_A06_MR
68097	ZM_137_B1_A07		ZM_137_B1_A07_MR
68098	ZM_137_B1_A08		ZM_137_B1_A08_MR
68099	ZM_137_B1_A09		ZM_137_B1_A09_MR
68100	ZM_137_B1_A10		ZM_137_B1_A10_MR
68101	ZM_137_B1_A12		ZM_137_B1_A12_MR
68102	ZM_137_B1_B01		ZM_137_B1_B01_MR
68103	ZM_137_B1_B02		ZM_137_B1_B02_MR
68104	ZM_137_B1_B03		ZM_137_B1_B03_MR
68105	ZM_137_B1_B04		ZM_137_B1_B04_MR
68106	ZM_137_B1_B05		ZM_137_B1_B05_MR
68107	ZM_137_B1_B06		ZM_137_B1_B06_MR
68108	ZM_137_B1_B07		ZM_137_B1_B07_MR
68109	ZM_137_B1_B08		ZM_137_B1_B08_MR
68110	ZM_137_B1_B09		ZM_137_B1_B09_MR
68111	ZM_137_B1_B10		ZM_137_B1_B10_MR
68112	ZM_137_B1_B11		ZM_137_B1_B11_MR
68113	ZM_137_B1_C01		ZM_137_B1_C01_MR
68114	ZM_137_B1_C02		ZM_137_B1_C02_MR
68115	ZM_137_B1_C03		ZM_137_B1_C03_MR
68116	ZM_137_B1_C04		ZM_137_B1_C04_MR
68117	ZM_137_B1_C05		ZM_137_B1_C05_MR
68118	ZM_137_B1_C06		ZM_137_B1_C06_MR
68119	ZM_137_B1_C07		ZM_137_B1_C07_MR
68120	ZM_137_B1_C08		ZM_137_B1_C08_MR
68121	ZM_137_B1_C09		ZM_137_B1_C09_MR
68122	ZM_137_B1_C11		ZM_137_B1_C11_MR
68123	ZM_137_B1_C12		ZM_137_B1_C12_MR
68124	ZM_137_B1_D01		ZM_137_B1_D01_MR
68125	ZM_137_B1_D02		ZM_137_B1_D02_MR
68126	ZM_137_B1_D03		ZM_137_B1_D03_MR
68127	ZM_137_B1_D04		ZM_137_B1_D04_MR
68128	ZM_137_B1_D05		ZM_137_B1_D05_MR
68129	ZM_137_B1_D06		ZM_137_B1_D06_MR
68130	ZM_137_B1_D07		ZM_137_B1_D07_MR
68131	ZM_137_B1_D08		ZM_137_B1_D08_MR
68132	ZM_137_B1_D09		ZM_137_B1_D09_MR
68133	ZM_137_B1_D10		ZM_137_B1_D10_MR
68134	ZM_137_B1_D11		ZM_137_B1_D11_MR
68135	ZM_137_B1_E01		ZM_137_B1_E01_MR
68136	ZM_137_B1_E02		ZM_137_B1_E02_MR
68137	ZM_137_B1_E03		ZM_137_B1_E03_MR
68138	ZM_137_B1_E04		ZM_137_B1_E04_MR
68139	ZM_137_B1_E05		ZM_137_B1_E05_MR
68140	ZM_137_B1_E06		ZM_137_B1_E06_MR
68141	ZM_137_B1_E07		ZM_137_B1_E07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68142	ZM_137_B1_E08		ZM_137_B1_E08_MR
68143	ZM_137_B1_E09		ZM_137_B1_E09_MR
68144	ZM_137_B1_E11		ZM_137_B1_E11_MR
68145	ZM_137_B1_F02		ZM_137_B1_F02_MR
68146	ZM_137_B1_F03		ZM_137_B1_F03_MR
68147	ZM_137_B1_F04		ZM_137_B1_F04_MR
68148	ZM_137_B1_F06		ZM_137_B1_F06_MR
68149	ZM_137_B1_F07		ZM_137_B1_F07_MR
68150	ZM_137_B1_F08		ZM_137_B1_F08_MR
68151	ZM_137_B1_F09		ZM_137_B1_F09_MR
68152	ZM_137_B1_F10		ZM_137_B1_F10_MR
68153	ZM_137_B1_F11		ZM_137_B1_F11_MR
68154	ZM_137_B1_G01		ZM_137_B1_G01_MR
68155	ZM_137_B1_G02		ZM_137_B1_G02_MR
68156	ZM_137_B1_G03		ZM_137_B1_G03_MR
68157	ZM_137_B1_G04		ZM_137_B1_G04_MR
68158	ZM_137_B1_G05		ZM_137_B1_G05_MR
68159	ZM_137_B1_G06		ZM_137_B1_G06_MR
68160	ZM_137_B1_G07		ZM_137_B1_G07_MR
68161	ZM_137_B1_G08		ZM_137_B1_G08_MR
68162	ZM_137_B1_G10		ZM_137_B1_G10_MR
68163	ZM_137_B1_G11		ZM_137_B1_G11_MR
68164	ZM_137_B1_G12		ZM_137_B1_G12_MR
68165	ZM_137_B1_H01		ZM_137_B1_H01_MR
68166	ZM_137_B1_H02		ZM_137_B1_H02_MR
68167	ZM_137_B1_H03		ZM_137_B1_H03_MR
68168	ZM_137_B1_H04		ZM_137_B1_H04_MR
68169	ZM_137_B1_H05		ZM_137_B1_H05_MR
68170	ZM_137_B1_H06		ZM_137_B1_H06_MR
68171	ZM_137_B1_H08		ZM_137_B1_H08_MR
68172	ZM_137_B1_H09		ZM_137_B1_H09_MR
68173	ZM_137_B1_H11		ZM_137_B1_H11_MR
68174	ZM_137_B1_H12		ZM_137_B1_H12_MR
68175	ZM_138_A1_A01	ZM_138_A1_A01_T7C	
68176	ZM_138_A1_A01		ZM_138_A1_A01_MR
68177	ZM_138_A1_A02	ZM_138_A1_A02_T7C	
68178	ZM_138_A1_A02		ZM_138_A1_A02_MR
68179	ZM_138_A1_A03	ZM_138_A1_A03_T7C	
68180	ZM_138_A1_A03		ZM_138_A1_A03_MR
68181	ZM_138_A1_A04	ZM_138_A1_A04_T7C	
68182	ZM_138_A1_A04		ZM_138_A1_A04_MR
68183	ZM_138_A1_A05	ZM_138_A1_A05_T7C	
68184	ZM_138_A1_A06	ZM_138_A1_A06_T7C	
68185	ZM_138_A1_A06		ZM_138_A1_A06_MR
68186	ZM_138_A1_A07	ZM_138_A1_A07_T7C	
68187	ZM_138_A1_A08	ZM_138_A1_A08_T7C	
68188	ZM_138_A1_A09	ZM_138_A1_A09_T7C	
68189	ZM_138_A1_A09		ZM_138_A1_A09_MR
68190	ZM_138_A1_A10	ZM_138_A1_A10_T7C	
68191	ZM_138_A1_A10		ZM_138_A1_A10_MR
68192	ZM_138_A1_A11	ZM_138_A1_A11_T7C	
68193	ZM_138_A1_A11		ZM_138_A1_A11_MR
68194	ZM_138_A1_A12	ZM_138_A1_A12_T7C	
68195	ZM_138_A1_A12		ZM_138_A1_A12_MR
68196	ZM_138_A1_B01	ZM_138_A1_B01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68197	ZM_138_A1_B02	ZM_138_A1_B02_T7C	
68198	ZM_138_A1_B02		ZM_138_A1_B02_MR
68199	ZM_138_A1_B04	ZM_138_A1_B04_T7C	
68200	ZM_138_A1_B04		ZM_138_A1_B04_MR
68201	ZM_138_A1_B05	ZM_138_A1_B05_T7C	
68202	ZM_138_A1_B06	ZM_138_A1_B06_T7C	
68203	ZM_138_A1_B06		ZM_138_A1_B06_MR
68204	ZM_138_A1_B07	ZM_138_A1_B07_T7C	
68205	ZM_138_A1_B07		ZM_138_A1_B07_MR
68206	ZM_138_A1_B08	ZM_138_A1_B08_T7C	
68207	ZM_138_A1_B09	ZM_138_A1_B09_T7C	
68208	ZM_138_A1_B09		ZM_138_A1_B09_MR
68209	ZM_138_A1_B10	ZM_138_A1_B10_T7C	
68210	ZM_138_A1_B10		ZM_138_A1_B10_MR
68211	ZM_138_A1_B11	ZM_138_A1_B11_T7C	
68212	ZM_138_A1_B11		ZM_138_A1_B11_MR
68213	ZM_138_A1_B12	ZM_138_A1_B12_T7C	
68214	ZM_138_A1_B12		ZM_138_A1_B12_MR
68215	ZM_138_A1_C01	ZM_138_A1_C01_T7C	
68216	ZM_138_A1_C02	ZM_138_A1_C02_T7C	
68217	ZM_138_A1_C02		ZM_138_A1_C02_MR
68218	ZM_138_A1_C03	ZM_138_A1_C03_T7C	
68219	ZM_138_A1_C04		ZM_138_A1_C04_MR
68220	ZM_138_A1_C05	ZM_138_A1_C05_T7C	
68221	ZM_138_A1_C05		ZM_138_A1_C05_MR
68222	ZM_138_A1_C06	ZM_138_A1_C06_T7C	
68223	ZM_138_A1_C06		ZM_138_A1_C06_MR
68224	ZM_138_A1_C07	ZM_138_A1_C07_T7C	
68225	ZM_138_A1_C08	ZM_138_A1_C08_T7C	
68226	ZM_138_A1_C08		ZM_138_A1_C08_MR
68227	ZM_138_A1_C09	ZM_138_A1_C09_T7C	
68228	ZM_138_A1_C09		ZM_138_A1_C09_MR
68229	ZM_138_A1_C10	ZM_138_A1_C10_T7C	
68230	ZM_138_A1_C10		ZM_138_A1_C10_MR
68231	ZM_138_A1_C11	ZM_138_A1_C11_T7C	
68232	ZM_138_A1_C11		ZM_138_A1_C11_MR
68233	ZM_138_A1_C12	ZM_138_A1_C12_T7C	
68234	ZM_138_A1_C12		ZM_138_A1_C12_MR
68235	ZM_138_A1_D01	ZM_138_A1_D01_T7C	
68236	ZM_138_A1_D01		ZM_138_A1_D01_MR
68237	ZM_138_A1_D02	ZM_138_A1_D02_T7C	
68238	ZM_138_A1_D02		ZM_138_A1_D02_MR
68239	ZM_138_A1_D03	ZM_138_A1_D03_T7C	
68240	ZM_138_A1_D03		ZM_138_A1_D03_MR
68241	ZM_138_A1_D04	ZM_138_A1_D04_T7C	
68242	ZM_138_A1_D04		ZM_138_A1_D04_MR
68243	ZM_138_A1_D05	ZM_138_A1_D05_T7C	
68244	ZM_138_A1_D05		ZM_138_A1_D05_MR
68245	ZM_138_A1_D06		ZM_138_A1_D06_MR
68246	ZM_138_A1_D07	ZM_138_A1_D07_T7C	
68247	ZM_138_A1_D07		ZM_138_A1_D07_MR
68248	ZM_138_A1_D08	ZM_138_A1_D08_T7C	
68249	ZM_138_A1_D08		ZM_138_A1_D08_MR
68250	ZM_138_A1_D09	ZM_138_A1_D09_T7C	
68251	ZM_138_A1_D11	ZM_138_A1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68252	ZM_138_A1_D11		ZM_138_A1_D11_MR
68253	ZM_138_A1_E01	ZM_138_A1_E01_T7C	
68254	ZM_138_A1_E02	ZM_138_A1_E02_T7C	
68255	ZM_138_A1_E02		ZM_138_A1_E02_MR
68256	ZM_138_A1_E03	ZM_138_A1_E03_T7C	
68257	ZM_138_A1_E03		ZM_138_A1_E03_MR
68258	ZM_138_A1_E04	ZM_138_A1_E04_T7C	
68259	ZM_138_A1_E04		ZM_138_A1_E04_MR
68260	ZM_138_A1_E05	ZM_138_A1_E05_T7C	
68261	ZM_138_A1_E05		ZM_138_A1_E05_MR
68262	ZM_138_A1_E06	ZM_138_A1_E06_T7C	
68263	ZM_138_A1_E06		ZM_138_A1_E06_MR
68264	ZM_138_A1_E07	ZM_138_A1_E07_T7C	
68265	ZM_138_A1_E07		ZM_138_A1_E07_MR
68266	ZM_138_A1_E08	ZM_138_A1_E08_T7C	
68267	ZM_138_A1_E09	ZM_138_A1_E09_T7C	
68268	ZM_138_A1_E09		ZM_138_A1_E09_MR
68269	ZM_138_A1_E10	ZM_138_A1_E10_T7C	
68270	ZM_138_A1_E11	ZM_138_A1_E11_T7C	
68271	ZM_138_A1_E11		ZM_138_A1_E11_MR
68272	ZM_138_A1_E12	ZM_138_A1_E12_T7C	
68273	ZM_138_A1_E12		ZM_138_A1_E12_MR
68274	ZM_138_A1_F01	ZM_138_A1_F01_T7C	
68275	ZM_138_A1_F01		ZM_138_A1_F01_MR
68276	ZM_138_A1_F02	ZM_138_A1_F02_T7C	
68277	ZM_138_A1_F02		ZM_138_A1_F02_MR
68278	ZM_138_A1_F04	ZM_138_A1_F04_T7C	
68279	ZM_138_A1_F04		ZM_138_A1_F04_MR
68280	ZM_138_A1_F05		ZM_138_A1_F05_MR
68281	ZM_138_A1_F06	ZM_138_A1_F06_T7C	
68282	ZM_138_A1_F06		ZM_138_A1_F06_MR
68283	ZM_138_A1_F07	ZM_138_A1_F07_T7C	
68284	ZM_138_A1_F07		ZM_138_A1_F07_MR
68285	ZM_138_A1_F08	ZM_138_A1_F08_T7C	
68286	ZM_138_A1_F08		ZM_138_A1_F08_MR
68287	ZM_138_A1_F09	ZM_138_A1_F09_T7C	
68288	ZM_138_A1_F09		ZM_138_A1_F09_MR
68289	ZM_138_A1_F10		ZM_138_A1_F10_MR
68290	ZM_138_A1_F11	ZM_138_A1_F11_T7C	
68291	ZM_138_A1_F11		ZM_138_A1_F11_MR
68292	ZM_138_A1_F12	ZM_138_A1_F12_T7C	
68293	ZM_138_A1_F12		ZM_138_A1_F12_MR
68294	ZM_138_A1_G01	ZM_138_A1_G01_T7C	
68295	ZM_138_A1_G01		ZM_138_A1_G01_MR
68296	ZM_138_A1_G02		ZM_138_A1_G02_MR
68297	ZM_138_A1_G03		ZM_138_A1_G03_MR
68298	ZM_138_A1_G04	ZM_138_A1_G04_T7C	
68299	ZM_138_A1_G04		ZM_138_A1_G04_MR
68300	ZM_138_A1_G05	ZM_138_A1_G05_T7C	
68301	ZM_138_A1_G05		ZM_138_A1_G05_MR
68302	ZM_138_A1_G06	ZM_138_A1_G06_T7C	
68303	ZM_138_A1_G06		ZM_138_A1_G06_MR
68304	ZM_138_A1_G07	ZM_138_A1_G07_T7C	
68305	ZM_138_A1_G07		ZM_138_A1_G07_MR
68306	ZM_138_A1_G08	ZM_138_A1_G08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68307	ZM_138_A1_G08		ZM_138_A1_G08_MR
68308	ZM_138_A1_G09	ZM_138_A1_G09_T7C	
68309	ZM_138_A1_G09		ZM_138_A1_G09_MR
68310	ZM_138_A1_G10	ZM_138_A1_G10_T7C	
68311	ZM_138_A1_G10		ZM_138_A1_G10_MR
68312	ZM_138_A1_G11	ZM_138_A1_G11_T7C	
68313	ZM_138_A1_G11		ZM_138_A1_G11_MR
68314	ZM_138_A1_G12		ZM_138_A1_G12_MR
68315	ZM_138_A1_H01		ZM_138_A1_H01_MR
68316	ZM_138_A1_H02	ZM_138_A1_H02_T7C	
68317	ZM_138_A1_H02		ZM_138_A1_H02_MR
68318	ZM_138_A1_H03	ZM_138_A1_H03_T7C	
68319	ZM_138_A1_H03		ZM_138_A1_H03_MR
68320	ZM_138_A1_H04	ZM_138_A1_H04_T7C	
68321	ZM_138_A1_H04		ZM_138_A1_H04_MR
68322	ZM_138_A1_H05	ZM_138_A1_H05_T7C	
68323	ZM_138_A1_H05		ZM_138_A1_H05_MR
68324	ZM_138_A1_H06	ZM_138_A1_H06_T7C	
68325	ZM_138_A1_H06		ZM_138_A1_H06_MR
68326	ZM_138_A1_H07	ZM_138_A1_H07_T7C	
68327	ZM_138_A1_H07		ZM_138_A1_H07_MR
68328	ZM_138_A1_H08	ZM_138_A1_H08_T7C	
68329	ZM_138_A1_H08		ZM_138_A1_H08_MR
68330	ZM_138_A1_H09	ZM_138_A1_H09_T7C	
68331	ZM_138_A1_H09		ZM_138_A1_H09_MR
68332	ZM_138_A1_H10	ZM_138_A1_H10_T7C	
68333	ZM_138_A1_H10		ZM_138_A1_H10_MR
68334	ZM_138_A1_H11	ZM_138_A1_H11_T7C	
68335	ZM_138_A1_H11		ZM_138_A1_H11_MR
68336	ZM_138_A2_A01	ZM_138_A2_A01_T7C	
68337	ZM_138_A2_A01		ZM_138_A2_A01_MR
68338	ZM_138_A2_A02	ZM_138_A2_A02_T7C	
68339	ZM_138_A2_A02		ZM_138_A2_A02_MR
68340	ZM_138_A2_A03	ZM_138_A2_A03_T7C	
68341	ZM_138_A2_A03		ZM_138_A2_A03_MR
68342	ZM_138_A2_A04	ZM_138_A2_A04_T7C	
68343	ZM_138_A2_A04		ZM_138_A2_A04_MR
68344	ZM_138_A2_A05	ZM_138_A2_A05_T7C	
68345	ZM_138_A2_A05		ZM_138_A2_A05_MR
68346	ZM_138_A2_A06	ZM_138_A2_A06_T7C	
68347	ZM_138_A2_A06		ZM_138_A2_A06_MR
68348	ZM_138_A2_A07	ZM_138_A2_A07_T7C	
68349	ZM_138_A2_A07		ZM_138_A2_A07_MR
68350	ZM_138_A2_A08	ZM_138_A2_A08_T7C	
68351	ZM_138_A2_A08		ZM_138_A2_A08_MR
68352	ZM_138_A2_A09	ZM_138_A2_A09_T7C	
68353	ZM_138_A2_A09		ZM_138_A2_A09_MR
68354	ZM_138_A2_A10	ZM_138_A2_A10_T7C	
68355	ZM_138_A2_A10		ZM_138_A2_A10_MR
68356	ZM_138_A2_A11	ZM_138_A2_A11_T7C	
68357	ZM_138_A2_A11		ZM_138_A2_A11_MR
68358	ZM_138_A2_A12	ZM_138_A2_A12_T7C	
68359	ZM_138_A2_A12		ZM_138_A2_A12_MR
68360	ZM_138_A2_B01	ZM_138_A2_B01_T7C	
68361	ZM_138_A2_B01		ZM_138_A2_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68362	ZM_138_A2_B02	ZM_138_A2_B02_T7C	
68363	ZM_138_A2_B02		ZM_138_A2_B02_MR
68364	ZM_138_A2_B03	ZM_138_A2_B03_T7C	
68365	ZM_138_A2_B03		ZM_138_A2_B03_MR
68366	ZM_138_A2_B04	ZM_138_A2_B04_T7C	
68367	ZM_138_A2_B04		ZM_138_A2_B04_MR
68368	ZM_138_A2_B05	ZM_138_A2_B05_T7C	
68369	ZM_138_A2_B05		ZM_138_A2_B05_MR
68370	ZM_138_A2_B06	ZM_138_A2_B06_T7C	
68371	ZM_138_A2_B06		ZM_138_A2_B06_MR
68372	ZM_138_A2_B07	ZM_138_A2_B07_T7C	
68373	ZM_138_A2_B07		ZM_138_A2_B07_MR
68374	ZM_138_A2_B08	ZM_138_A2_B08_T7C	
68375	ZM_138_A2_B08		ZM_138_A2_B08_MR
68376	ZM_138_A2_B09		ZM_138_A2_B09_MR
68377	ZM_138_A2_B10	ZM_138_A2_B10_T7C	
68378	ZM_138_A2_B10		ZM_138_A2_B10_MR
68379	ZM_138_A2_B11	ZM_138_A2_B11_T7C	
68380	ZM_138_A2_B11		ZM_138_A2_B11_MR
68381	ZM_138_A2_B12	ZM_138_A2_B12_T7C	
68382	ZM_138_A2_B12		ZM_138_A2_B12_MR
68383	ZM_138_A2_C01	ZM_138_A2_C01_T7C	
68384	ZM_138_A2_C01		ZM_138_A2_C01_MR
68385	ZM_138_A2_C02	ZM_138_A2_C02_T7C	
68386	ZM_138_A2_C02		ZM_138_A2_C02_MR
68387	ZM_138_A2_C03	ZM_138_A2_C03_T7C	
68388	ZM_138_A2_C03		ZM_138_A2_C03_MR
68389	ZM_138_A2_C04	ZM_138_A2_C04_T7C	
68390	ZM_138_A2_C04		ZM_138_A2_C04_MR
68391	ZM_138_A2_C05	ZM_138_A2_C05_T7C	
68392	ZM_138_A2_C05		ZM_138_A2_C05_MR
68393	ZM_138_A2_C06	ZM_138_A2_C06_T7C	
68394	ZM_138_A2_C06		ZM_138_A2_C06_MR
68395	ZM_138_A2_C07	ZM_138_A2_C07_T7C	
68396	ZM_138_A2_C07		ZM_138_A2_C07_MR
68397	ZM_138_A2_C08	ZM_138_A2_C08_T7C	
68398	ZM_138_A2_C08		ZM_138_A2_C08_MR
68399	ZM_138_A2_C09	ZM_138_A2_C09_T7C	
68400	ZM_138_A2_C09		ZM_138_A2_C09_MR
68401	ZM_138_A2_C10	ZM_138_A2_C10_T7C	
68402	ZM_138_A2_C10		ZM_138_A2_C10_MR
68403	ZM_138_A2_C11	ZM_138_A2_C11_T7C	
68404	ZM_138_A2_C11		ZM_138_A2_C11_MR
68405	ZM_138_A2_C12	ZM_138_A2_C12_T7C	
68406	ZM_138_A2_C12		ZM_138_A2_C12_MR
68407	ZM_138_A2_D01	ZM_138_A2_D01_T7C	
68408	ZM_138_A2_D01		ZM_138_A2_D01_MR
68409	ZM_138_A2_D02	ZM_138_A2_D02_T7C	
68410	ZM_138_A2_D02		ZM_138_A2_D02_MR
68411	ZM_138_A2_D03	ZM_138_A2_D03_T7C	
68412	ZM_138_A2_D03		ZM_138_A2_D03_MR
68413	ZM_138_A2_D04	ZM_138_A2_D04_T7C	
68414	ZM_138_A2_D04		ZM_138_A2_D04_MR
68415	ZM_138_A2_D05	ZM_138_A2_D05_T7C	
68416	ZM_138_A2_D05		ZM_138_A2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68417	ZM_138_A2_D06	ZM_138_A2_D06_T7C	
68418	ZM_138_A2_D06		ZM_138_A2_D06_MR
68419	ZM_138_A2_D07	ZM_138_A2_D07_T7C	
68420	ZM_138_A2_D07		ZM_138_A2_D07_MR
68421	ZM_138_A2_D08	ZM_138_A2_D08_T7C	
68422	ZM_138_A2_D08		ZM_138_A2_D08_MR
68423	ZM_138_A2_D09	ZM_138_A2_D09_T7C	
68424	ZM_138_A2_D09		ZM_138_A2_D09_MR
68425	ZM_138_A2_D10	ZM_138_A2_D10_T7C	
68426	ZM_138_A2_D10		ZM_138_A2_D10_MR
68427	ZM_138_A2_D11	ZM_138_A2_D11_T7C	
68428	ZM_138_A2_D11		ZM_138_A2_D11_MR
68429	ZM_138_A2_D12	ZM_138_A2_D12_T7C	
68430	ZM_138_A2_D12		ZM_138_A2_D12_MR
68431	ZM_138_A2_E01	ZM_138_A2_E01_T7C	
68432	ZM_138_A2_E01		ZM_138_A2_E01_MR
68433	ZM_138_A2_E02	ZM_138_A2_E02_T7C	
68434	ZM_138_A2_E02		ZM_138_A2_E02_MR
68435	ZM_138_A2_E03	ZM_138_A2_E03_T7C	
68436	ZM_138_A2_E03		ZM_138_A2_E03_MR
68437	ZM_138_A2_E04	ZM_138_A2_E04_T7C	
68438	ZM_138_A2_E04		ZM_138_A2_E04_MR
68439	ZM_138_A2_E05	ZM_138_A2_E05_T7C	
68440	ZM_138_A2_E05		ZM_138_A2_E05_MR
68441	ZM_138_A2_E06	ZM_138_A2_E06_T7C	
68442	ZM_138_A2_E06		ZM_138_A2_E06_MR
68443	ZM_138_A2_E07		ZM_138_A2_E07_MR
68444	ZM_138_A2_E08	ZM_138_A2_E08_T7C	
68445	ZM_138_A2_E08		ZM_138_A2_E08_MR
68446	ZM_138_A2_E09	ZM_138_A2_E09_T7C	
68447	ZM_138_A2_E09		ZM_138_A2_E09_MR
68448	ZM_138_A2_E10	ZM_138_A2_E10_T7C	
68449	ZM_138_A2_E10		ZM_138_A2_E10_MR
68450	ZM_138_A2_E11	ZM_138_A2_E11_T7C	
68451	ZM_138_A2_E11		ZM_138_A2_E11_MR
68452	ZM_138_A2_E12	ZM_138_A2_E12_T7C	
68453	ZM_138_A2_E12		ZM_138_A2_E12_MR
68454	ZM_138_A2_F02	ZM_138_A2_F02_T7C	
68455	ZM_138_A2_F02		ZM_138_A2_F02_MR
68456	ZM_138_A2_F03	ZM_138_A2_F03_T7C	
68457	ZM_138_A2_F03		ZM_138_A2_F03_MR
68458	ZM_138_A2_F04	ZM_138_A2_F04_T7C	
68459	ZM_138_A2_F04		ZM_138_A2_F04_MR
68460	ZM_138_A2_F05	ZM_138_A2_F05_T7C	
68461	ZM_138_A2_F05		ZM_138_A2_F05_MR
68462	ZM_138_A2_F06	ZM_138_A2_F06_T7C	
68463	ZM_138_A2_F06		ZM_138_A2_F06_MR
68464	ZM_138_A2_F07	ZM_138_A2_F07_T7C	
68465	ZM_138_A2_F07		ZM_138_A2_F07_MR
68466	ZM_138_A2_F08	ZM_138_A2_F08_T7C	
68467	ZM_138_A2_F08		ZM_138_A2_F08_MR
68468	ZM_138_A2_F09	ZM_138_A2_F09_T7C	
68469	ZM_138_A2_F09		ZM_138_A2_F09_MR
68470	ZM_138_A2_F10	ZM_138_A2_F10_T7C	
68471	ZM_138_A2_F10		ZM_138_A2_F10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68472	ZM_138_A2_F11	ZM_138_A2_F11_T7C	
68473	ZM_138_A2_F11		ZM_138_A2_F11_MR
68474	ZM_138_A2_F12	ZM_138_A2_F12_T7C	
68475	ZM_138_A2_F12		ZM_138_A2_F12_MR
68476	ZM_138_A2_G01	ZM_138_A2_G01_T7C	
68477	ZM_138_A2_G01		ZM_138_A2_G01_MR
68478	ZM_138_A2_G02	ZM_138_A2_G02_T7C	
68479	ZM_138_A2_G02		ZM_138_A2_G02_MR
68480	ZM_138_A2_G03		ZM_138_A2_G03_MR
68481	ZM_138_A2_G04	ZM_138_A2_G04_T7C	
68482	ZM_138_A2_G04		ZM_138_A2_G04_MR
68483	ZM_138_A2_G05	ZM_138_A2_G05_T7C	
68484	ZM_138_A2_G05		ZM_138_A2_G05_MR
68485	ZM_138_A2_G06	ZM_138_A2_G06_T7C	
68486	ZM_138_A2_G06		ZM_138_A2_G06_MR
68487	ZM_138_A2_G07	ZM_138_A2_G07_T7C	
68488	ZM_138_A2_G07		ZM_138_A2_G07_MR
68489	ZM_138_A2_G08	ZM_138_A2_G08_T7C	
68490	ZM_138_A2_G08		ZM_138_A2_G08_MR
68491	ZM_138_A2_G09	ZM_138_A2_G09_T7C	
68492	ZM_138_A2_G09		ZM_138_A2_G09_MR
68493	ZM_138_A2_G10	ZM_138_A2_G10_T7C	
68494	ZM_138_A2_G10		ZM_138_A2_G10_MR
68495	ZM_138_A2_G11	ZM_138_A2_G11_T7C	
68496	ZM_138_A2_G11		ZM_138_A2_G11_MR
68497	ZM_138_A2_G12		ZM_138_A2_G12_MR
68498	ZM_138_A2_H01	ZM_138_A2_H01_T7C	
68499	ZM_138_A2_H01		ZM_138_A2_H01_MR
68500	ZM_138_A2_H02	ZM_138_A2_H02_T7C	
68501	ZM_138_A2_H02		ZM_138_A2_H02_MR
68502	ZM_138_A2_H03		ZM_138_A2_H03_MR
68503	ZM_138_A2_H04	ZM_138_A2_H04_T7C	
68504	ZM_138_A2_H04		ZM_138_A2_H04_MR
68505	ZM_138_A2_H05	ZM_138_A2_H05_T7C	
68506	ZM_138_A2_H05		ZM_138_A2_H05_MR
68507	ZM_138_A2_H06	ZM_138_A2_H06_T7C	
68508	ZM_138_A2_H06		ZM_138_A2_H06_MR
68509	ZM_138_A2_H07	ZM_138_A2_H07_T7C	
68510	ZM_138_A2_H07		ZM_138_A2_H07_MR
68511	ZM_138_A2_H08	ZM_138_A2_H08_T7C	
68512	ZM_138_A2_H08		ZM_138_A2_H08_MR
68513	ZM_138_A2_H09		ZM_138_A2_H09_MR
68514	ZM_138_A2_H10	ZM_138_A2_H10_T7C	
68515	ZM_138_A2_H10		ZM_138_A2_H10_MR
68516	ZM_138_A2_H11	ZM_138_A2_H11_T7C	
68517	ZM_138_A2_H11		ZM_138_A2_H11_MR
68518	ZM_138_A2_H12		ZM_138_A2_H12_MR
68519	ZM_138_B1_A01	ZM_138_B1_A01_T7C	
68520	ZM_138_B1_A02	ZM_138_B1_A02_T7C	
68521	ZM_138_B1_A02		ZM_138_B1_A02_MR
68522	ZM_138_B1_A03	ZM_138_B1_A03_T7C	
68523	ZM_138_B1_A03		ZM_138_B1_A03_MR
68524	ZM_138_B1_A04	ZM_138_B1_A04_T7C	
68525	ZM_138_B1_A04		ZM_138_B1_A04_MR
68526	ZM_138_B1_A05	ZM_138_B1_A05_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68527	ZM_138_B1_A05		ZM_138_B1_A05_MR
68528	ZM_138_B1_A06	ZM_138_B1_A06_T7C	
68529	ZM_138_B1_A06		ZM_138_B1_A06_MR
68530	ZM_138_B1_A07	ZM_138_B1_A07_T7C	
68531	ZM_138_B1_A07		ZM_138_B1_A07_MR
68532	ZM_138_B1_A08	ZM_138_B1_A08_T7C	
68533	ZM_138_B1_A08		ZM_138_B1_A08_MR
68534	ZM_138_B1_A09	ZM_138_B1_A09_T7C	
68535	ZM_138_B1_A09		ZM_138_B1_A09_MR
68536	ZM_138_B1_A10	ZM_138_B1_A10_T7C	
68537	ZM_138_B1_A10		ZM_138_B1_A10_MR
68538	ZM_138_B1_A11		ZM_138_B1_A11_MR
68539	ZM_138_B1_A12	ZM_138_B1_A12_T7C	
68540	ZM_138_B1_A12		ZM_138_B1_A12_MR
68541	ZM_138_B1_B01	ZM_138_B1_B01_T7C	
68542	ZM_138_B1_B01		ZM_138_B1_B01_MR
68543	ZM_138_B1_B02	ZM_138_B1_B02_T7C	
68544	ZM_138_B1_B02		ZM_138_B1_B02_MR
68545	ZM_138_B1_B03	ZM_138_B1_B03_T7C	
68546	ZM_138_B1_B03		ZM_138_B1_B03_MR
68547	ZM_138_B1_B04	ZM_138_B1_B04_T7C	
68548	ZM_138_B1_B04		ZM_138_B1_B04_MR
68549	ZM_138_B1_B05	ZM_138_B1_B05_T7C	
68550	ZM_138_B1_B05		ZM_138_B1_B05_MR
68551	ZM_138_B1_B06	ZM_138_B1_B06_T7C	
68552	ZM_138_B1_B06		ZM_138_B1_B06_MR
68553	ZM_138_B1_B07	ZM_138_B1_B07_T7C	
68554	ZM_138_B1_B07		ZM_138_B1_B07_MR
68555	ZM_138_B1_B08	ZM_138_B1_B08_T7C	
68556	ZM_138_B1_B08		ZM_138_B1_B08_MR
68557	ZM_138_B1_B09	ZM_138_B1_B09_T7C	
68558	ZM_138_B1_B09		ZM_138_B1_B09_MR
68559	ZM_138_B1_B10	ZM_138_B1_B10_T7C	
68560	ZM_138_B1_B10		ZM_138_B1_B10_MR
68561	ZM_138_B1_B11	ZM_138_B1_B11_T7C	
68562	ZM_138_B1_B11		ZM_138_B1_B11_MR
68563	ZM_138_B1_B12	ZM_138_B1_B12_T7C	
68564	ZM_138_B1_B12		ZM_138_B1_B12_MR
68565	ZM_138_B1_C01	ZM_138_B1_C01_T7C	
68566	ZM_138_B1_C01		ZM_138_B1_C01_MR
68567	ZM_138_B1_C02	ZM_138_B1_C02_T7C	
68568	ZM_138_B1_C02		ZM_138_B1_C02_MR
68569	ZM_138_B1_C03	ZM_138_B1_C03_T7C	
68570	ZM_138_B1_C03		ZM_138_B1_C03_MR
68571	ZM_138_B1_C04	ZM_138_B1_C04_T7C	
68572	ZM_138_B1_C04		ZM_138_B1_C04_MR
68573	ZM_138_B1_C05	ZM_138_B1_C05_T7C	
68574	ZM_138_B1_C05		ZM_138_B1_C05_MR
68575	ZM_138_B1_C06	ZM_138_B1_C06_T7C	
68576	ZM_138_B1_C06		ZM_138_B1_C06_MR
68577	ZM_138_B1_C07	ZM_138_B1_C07_T7C	
68578	ZM_138_B1_C07		ZM_138_B1_C07_MR
68579	ZM_138_B1_C08	ZM_138_B1_C08_T7C	
68580	ZM_138_B1_C08		ZM_138_B1_C08_MR
68581	ZM_138_B1_C09	ZM_138_B1_C09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68582	ZM_138_B1_C09		ZM_138_B1_C09_MR
68583	ZM_138_B1_C10	ZM_138_B1_C10_T7C	
68584	ZM_138_B1_C10		ZM_138_B1_C10_MR
68585	ZM_138_B1_C11	ZM_138_B1_C11_T7C	
68586	ZM_138_B1_C11		ZM_138_B1_C11_MR
68587	ZM_138_B1_C12	ZM_138_B1_C12_T7C	
68588	ZM_138_B1_C12		ZM_138_B1_C12_MR
68589	ZM_138_B1_D01	ZM_138_B1_D01_T7C	
68590	ZM_138_B1_D02	ZM_138_B1_D02_T7C	
68591	ZM_138_B1_D02		ZM_138_B1_D02_MR
68592	ZM_138_B1_D03	ZM_138_B1_D03_T7C	
68593	ZM_138_B1_D03		ZM_138_B1_D03_MR
68594	ZM_138_B1_D04	ZM_138_B1_D04_T7C	
68595	ZM_138_B1_D04		ZM_138_B1_D04_MR
68596	ZM_138_B1_D05	ZM_138_B1_D05_T7C	
68597	ZM_138_B1_D05		ZM_138_B1_D05_MR
68598	ZM_138_B1_D06	ZM_138_B1_D06_T7C	
68599	ZM_138_B1_D06		ZM_138_B1_D06_MR
68600	ZM_138_B1_D07	ZM_138_B1_D07_T7C	
68601	ZM_138_B1_D07		ZM_138_B1_D07_MR
68602	ZM_138_B1_D08	ZM_138_B1_D08_T7C	
68603	ZM_138_B1_D09	ZM_138_B1_D09_T7C	
68604	ZM_138_B1_D09		ZM_138_B1_D09_MR
68605	ZM_138_B1_D10	ZM_138_B1_D10_T7C	
68606	ZM_138_B1_D10		ZM_138_B1_D10_MR
68607	ZM_138_B1_D11	ZM_138_B1_D11_T7C	
68608	ZM_138_B1_D11		ZM_138_B1_D11_MR
68609	ZM_138_B1_D12	ZM_138_B1_D12_T7C	
68610	ZM_138_B1_D12		ZM_138_B1_D12_MR
68611	ZM_138_B1_E01	ZM_138_B1_E01_T7C	
68612	ZM_138_B1_E01		ZM_138_B1_E01_MR
68613	ZM_138_B1_E02	ZM_138_B1_E02_T7C	
68614	ZM_138_B1_E02		ZM_138_B1_E02_MR
68615	ZM_138_B1_E03	ZM_138_B1_E03_T7C	
68616	ZM_138_B1_E03		ZM_138_B1_E03_MR
68617	ZM_138_B1_E05	ZM_138_B1_E05_T7C	
68618	ZM_138_B1_E05		ZM_138_B1_E05_MR
68619	ZM_138_B1_E06	ZM_138_B1_E06_T7C	
68620	ZM_138_B1_E06		ZM_138_B1_E06_MR
68621	ZM_138_B1_E07	ZM_138_B1_E07_T7C	
68622	ZM_138_B1_E07		ZM_138_B1_E07_MR
68623	ZM_138_B1_E08	ZM_138_B1_E08_T7C	
68624	ZM_138_B1_E08		ZM_138_B1_E08_MR
68625	ZM_138_B1_E09	ZM_138_B1_E09_T7C	
68626	ZM_138_B1_E09		ZM_138_B1_E09_MR
68627	ZM_138_B1_E10	ZM_138_B1_E10_T7C	
68628	ZM_138_B1_E10		ZM_138_B1_E10_MR
68629	ZM_138_B1_E11	ZM_138_B1_E11_T7C	
68630	ZM_138_B1_E11		ZM_138_B1_E11_MR
68631	ZM_138_B1_E12	ZM_138_B1_E12_T7C	
68632	ZM_138_B1_E12		ZM_138_B1_E12_MR
68633	ZM_138_B1_F01	ZM_138_B1_F01_T7C	
68634	ZM_138_B1_F01		ZM_138_B1_F01_MR
68635	ZM_138_B1_F02	ZM_138_B1_F02_T7C	
68636	ZM_138_B1_F02		ZM_138_B1_F02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68637	ZM_138_B1_F03	ZM_138_B1_F03_T7C	
68638	ZM_138_B1_F03		ZM_138_B1_F03_MR
68639	ZM_138_B1_F04	ZM_138_B1_F04_T7C	
68640	ZM_138_B1_F04		ZM_138_B1_F04_MR
68641	ZM_138_B1_F05	ZM_138_B1_F05_T7C	
68642	ZM_138_B1_F05		ZM_138_B1_F05_MR
68643	ZM_138_B1_F06	ZM_138_B1_F06_T7C	
68644	ZM_138_B1_F06		ZM_138_B1_F06_MR
68645	ZM_138_B1_F07	ZM_138_B1_F07_T7C	
68646	ZM_138_B1_F07		ZM_138_B1_F07_MR
68647	ZM_138_B1_F08	ZM_138_B1_F08_T7C	
68648	ZM_138_B1_F08		ZM_138_B1_F08_MR
68649	ZM_138_B1_F09	ZM_138_B1_F09_T7C	
68650	ZM_138_B1_F09		ZM_138_B1_F09_MR
68651	ZM_138_B1_F10	ZM_138_B1_F10_T7C	
68652	ZM_138_B1_F10		ZM_138_B1_F10_MR
68653	ZM_138_B1_F11	ZM_138_B1_F11_T7C	
68654	ZM_138_B1_F11		ZM_138_B1_F11_MR
68655	ZM_138_B1_F12	ZM_138_B1_F12_T7C	
68656	ZM_138_B1_F12		ZM_138_B1_F12_MR
68657	ZM_138_B1_G01	ZM_138_B1_G01_T7C	
68658	ZM_138_B1_G01		ZM_138_B1_G01_MR
68659	ZM_138_B1_G02	ZM_138_B1_G02_T7C	
68660	ZM_138_B1_G02		ZM_138_B1_G02_MR
68661	ZM_138_B1_G03	ZM_138_B1_G03_T7C	
68662	ZM_138_B1_G03		ZM_138_B1_G03_MR
68663	ZM_138_B1_G04	ZM_138_B1_G04_T7C	
68664	ZM_138_B1_G04		ZM_138_B1_G04_MR
68665	ZM_138_B1_G05	ZM_138_B1_G05_T7C	
68666	ZM_138_B1_G05		ZM_138_B1_G05_MR
68667	ZM_138_B1_G06	ZM_138_B1_G06_T7C	
68668	ZM_138_B1_G06		ZM_138_B1_G06_MR
68669	ZM_138_B1_G07	ZM_138_B1_G07_T7C	
68670	ZM_138_B1_G07		ZM_138_B1_G07_MR
68671	ZM_138_B1_G08	ZM_138_B1_G08_T7C	
68672	ZM_138_B1_G08		ZM_138_B1_G08_MR
68673	ZM_138_B1_G09	ZM_138_B1_G09_T7C	
68674	ZM_138_B1_G09		ZM_138_B1_G09_MR
68675	ZM_138_B1_G10	ZM_138_B1_G10_T7C	
68676	ZM_138_B1_G10		ZM_138_B1_G10_MR
68677	ZM_138_B1_G11		ZM_138_B1_G11_MR
68678	ZM_138_B1_G12	ZM_138_B1_G12_T7C	
68679	ZM_138_B1_G12		ZM_138_B1_G12_MR
68680	ZM_138_B1_H01	ZM_138_B1_H01_T7C	
68681	ZM_138_B1_H01		ZM_138_B1_H01_MR
68682	ZM_138_B1_H02	ZM_138_B1_H02_T7C	
68683	ZM_138_B1_H02		ZM_138_B1_H02_MR
68684	ZM_138_B1_H03	ZM_138_B1_H03_T7C	
68685	ZM_138_B1_H03		ZM_138_B1_H03_MR
68686	ZM_138_B1_H04	ZM_138_B1_H04_T7C	
68687	ZM_138_B1_H04		ZM_138_B1_H04_MR
68688	ZM_138_B1_H05	ZM_138_B1_H05_T7C	
68689	ZM_138_B1_H05		ZM_138_B1_H05_MR
68690	ZM_138_B1_H06	ZM_138_B1_H06_T7C	
68691	ZM_138_B1_H06		ZM_138_B1_H06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68692	ZM_138_B1_H07	ZM_138_B1_H07_T7C	
68693	ZM_138_B1_H07		ZM_138_B1_H07_MR
68694	ZM_138_B1_H08	ZM_138_B1_H08_T7C	
68695	ZM_138_B1_H08		ZM_138_B1_H08_MR
68696	ZM_138_B1_H09	ZM_138_B1_H09_T7C	
68697	ZM_138_B1_H09		ZM_138_B1_H09_MR
68698	ZM_138_B1_H10	ZM_138_B1_H10_T7C	
68699	ZM_138_B1_H10		ZM_138_B1_H10_MR
68700	ZM_138_B1_H11	ZM_138_B1_H11_T7C	
68701	ZM_138_B1_H11		ZM_138_B1_H11_MR
68702	ZM_138_B1_H12	ZM_138_B1_H12_T7C	
68703	ZM_138_B1_H12		ZM_138_B1_H12_MR
68704	ZM_138_B2_A05	ZM_138_B2_A05_T7C	
68705	ZM_138_B2_A06	ZM_138_B2_A06_T7C	
68706	ZM_138_B2_A07	ZM_138_B2_A07_T7C	
68707	ZM_138_B2_A08	ZM_138_B2_A08_T7C	
68708	ZM_138_B2_A09	ZM_138_B2_A09_T7C	
68709	ZM_138_B2_A11	ZM_138_B2_A11_T7C	
68710	ZM_138_B2_A12	ZM_138_B2_A12_T7C	
68711	ZM_138_B2_B01	ZM_138_B2_B01_T7C	
68712	ZM_138_B2_B02	ZM_138_B2_B02_T7C	
68713	ZM_138_B2_B03	ZM_138_B2_B03_T7C	
68714	ZM_138_B2_B04	ZM_138_B2_B04_T7C	
68715	ZM_138_B2_B06	ZM_138_B2_B06_T7C	
68716	ZM_138_B2_B07	ZM_138_B2_B07_T7C	
68717	ZM_138_B2_B08	ZM_138_B2_B08_T7C	
68718	ZM_138_B2_B09	ZM_138_B2_B09_T7C	
68719	ZM_138_B2_B10	ZM_138_B2_B10_T7C	
68720	ZM_138_B2_B11	ZM_138_B2_B11_T7C	
68721	ZM_138_B2_B12	ZM_138_B2_B12_T7C	
68722	ZM_138_B2_C02	ZM_138_B2_C02_T7C	
68723	ZM_138_B2_C03	ZM_138_B2_C03_T7C	
68724	ZM_138_B2_C04	ZM_138_B2_C04_T7C	
68725	ZM_138_B2_C05	ZM_138_B2_C05_T7C	
68726	ZM_138_B2_C06	ZM_138_B2_C06_T7C	
68727	ZM_138_B2_C07	ZM_138_B2_C07_T7C	
68728	ZM_138_B2_C08	ZM_138_B2_C08_T7C	
68729	ZM_138_B2_C11	ZM_138_B2_C11_T7C	
68730	ZM_138_B2_C12	ZM_138_B2_C12_T7C	
68731	ZM_138_B2_D03	ZM_138_B2_D03_T7C	
68732	ZM_138_B2_D04	ZM_138_B2_D04_T7C	
68733	ZM_138_B2_D05	ZM_138_B2_D05_T7C	
68734	ZM_138_B2_D06	ZM_138_B2_D06_T7C	
68735	ZM_138_B2_D07	ZM_138_B2_D07_T7C	
68736	ZM_138_B2_D08	ZM_138_B2_D08_T7C	
68737	ZM_138_B2_D09	ZM_138_B2_D09_T7C	
68738	ZM_138_B2_D10	ZM_138_B2_D10_T7C	
68739	ZM_138_B2_D11	ZM_138_B2_D11_T7C	
68740	ZM_138_B2_D12	ZM_138_B2_D12_T7C	
68741	ZM_138_B2_E02	ZM_138_B2_E02_T7C	
68742	ZM_138_B2_E03	ZM_138_B2_E03_T7C	
68743	ZM_138_B2_E04	ZM_138_B2_E04_T7C	
68744	ZM_138_B2_E05	ZM_138_B2_E05_T7C	
68745	ZM_138_B2_E06	ZM_138_B2_E06_T7C	
68746	ZM_138_B2_E07	ZM_138_B2_E07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68747	ZM_138_B2_E08	ZM_138_B2_E08_T7C	
68748	ZM_138_B2_E09	ZM_138_B2_E09_T7C	
68749	ZM_138_B2_E10	ZM_138_B2_E10_T7C	
68750	ZM_138_B2_E11	ZM_138_B2_E11_T7C	
68751	ZM_138_B2_E12	ZM_138_B2_E12_T7C	
68752	ZM_138_B2_F04	ZM_138_B2_F04_T7C	
68753	ZM_138_B2_F05	ZM_138_B2_F05_T7C	
68754	ZM_138_B2_F06	ZM_138_B2_F06_T7C	
68755	ZM_138_B2_F07	ZM_138_B2_F07_T7C	
68756	ZM_138_B2_F08	ZM_138_B2_F08_T7C	
68757	ZM_138_B2_F09	ZM_138_B2_F09_T7C	
68758	ZM_138_B2_F10	ZM_138_B2_F10_T7C	
68759	ZM_138_B2_F11	ZM_138_B2_F11_T7C	
68760	ZM_138_B2_F12	ZM_138_B2_F12_T7C	
68761	ZM_138_B2_G02	ZM_138_B2_G02_T7C	
68762	ZM_138_B2_G03	ZM_138_B2_G03_T7C	
68763	ZM_138_B2_G04	ZM_138_B2_G04_T7C	
68764	ZM_138_B2_G05	ZM_138_B2_G05_T7C	
68765	ZM_138_B2_G07	ZM_138_B2_G07_T7C	
68766	ZM_138_B2_G08	ZM_138_B2_G08_T7C	
68767	ZM_138_B2_G09	ZM_138_B2_G09_T7C	
68768	ZM_138_B2_G10	ZM_138_B2_G10_T7C	
68769	ZM_138_B2_G12	ZM_138_B2_G12_T7C	
68770	ZM_138_B2_H02	ZM_138_B2_H02_T7C	
68771	ZM_138_B2_H03	ZM_138_B2_H03_T7C	
68772	ZM_138_B2_H04	ZM_138_B2_H04_T7C	
68773	ZM_138_B2_H06	ZM_138_B2_H06_T7C	
68774	ZM_138_B2_H07	ZM_138_B2_H07_T7C	
68775	ZM_138_B2_H08	ZM_138_B2_H08_T7C	
68776	ZM_138_B2_H09	ZM_138_B2_H09_T7C	
68777	ZM_138_B2_H10	ZM_138_B2_H10_T7C	
68778	ZM_138_B2_H12	ZM_138_B2_H12_T7C	
68779	ZM_139_A1_A06	ZM_139_A1_A06_T7C	
68780	ZM_139_A1_A09	ZM_139_A1_A09_T7C	
68781	ZM_139_A1_A10	ZM_139_A1_A10_T7C	
68782	ZM_139_A1_A11	ZM_139_A1_A11_T7C	
68783	ZM_139_A1_B01	ZM_139_A1_B01_T7C	
68784	ZM_139_A1_B02	ZM_139_A1_B02_T7C	
68785	ZM_139_A1_B04	ZM_139_A1_B04_T7C	
68786	ZM_139_A1_B05	ZM_139_A1_B05_T7C	
68787	ZM_139_A1_B06	ZM_139_A1_B06_T7C	
68788	ZM_139_A1_B07	ZM_139_A1_B07_T7C	
68789	ZM_139_A1_B08	ZM_139_A1_B08_T7C	
68790	ZM_139_A1_B09	ZM_139_A1_B09_T7C	
68791	ZM_139_A1_B10	ZM_139_A1_B10_T7C	
68792	ZM_139_A1_B11	ZM_139_A1_B11_T7C	
68793	ZM_139_A1_B12	ZM_139_A1_B12_T7C	
68794	ZM_139_A1_C01	ZM_139_A1_C01_T7C	
68795	ZM_139_A1_C02	ZM_139_A1_C02_T7C	
68796	ZM_139_A1_C03	ZM_139_A1_C03_T7C	
68797	ZM_139_A1_C04	ZM_139_A1_C04_T7C	
68798	ZM_139_A1_C05	ZM_139_A1_C05_T7C	
68799	ZM_139_A1_C06	ZM_139_A1_C06_T7C	
68800	ZM_139_A1_C07	ZM_139_A1_C07_T7C	
68801	ZM_139_A1_C08	ZM_139_A1_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68802	ZM_139_A1_C09	ZM_139_A1_C09_T7C	
68803	ZM_139_A1_C10	ZM_139_A1_C10_T7C	
68804	ZM_139_A1_C11	ZM_139_A1_C11_T7C	
68805	ZM_139_A1_C12	ZM_139_A1_C12_T7C	
68806	ZM_139_A1_D01	ZM_139_A1_D01_T7C	
68807	ZM_139_A1_D02	ZM_139_A1_D02_T7C	
68808	ZM_139_A1_D03	ZM_139_A1_D03_T7C	
68809	ZM_139_A1_D04	ZM_139_A1_D04_T7C	
68810	ZM_139_A1_D05	ZM_139_A1_D05_T7C	
68811	ZM_139_A1_D06	ZM_139_A1_D06_T7C	
68812	ZM_139_A1_D07	ZM_139_A1_D07_T7C	
68813	ZM_139_A1_D08	ZM_139_A1_D08_T7C	
68814	ZM_139_A1_D09	ZM_139_A1_D09_T7C	
68815	ZM_139_A1_D10	ZM_139_A1_D10_T7C	
68816	ZM_139_A1_D11	ZM_139_A1_D11_T7C	
68817	ZM_139_A1_D12	ZM_139_A1_D12_T7C	
68818	ZM_139_A1_E01	ZM_139_A1_E01_T7C	
68819	ZM_139_A1_E02	ZM_139_A1_E02_T7C	
68820	ZM_139_A1_E03	ZM_139_A1_E03_T7C	
68821	ZM_139_A1_E04	ZM_139_A1_E04_T7C	
68822	ZM_139_A1_E05	ZM_139_A1_E05_T7C	
68823	ZM_139_A1_E06	ZM_139_A1_E06_T7C	
68824	ZM_139_A1_E07	ZM_139_A1_E07_T7C	
68825	ZM_139_A1_E08	ZM_139_A1_E08_T7C	
68826	ZM_139_A1_E10	ZM_139_A1_E10_T7C	
68827	ZM_139_A1_E11	ZM_139_A1_E11_T7C	
68828	ZM_139_A1_E12	ZM_139_A1_E12_T7C	
68829	ZM_139_A1_F03	ZM_139_A1_F03_T7C	
68830	ZM_139_A1_F04	ZM_139_A1_F04_T7C	
68831	ZM_139_A1_F05	ZM_139_A1_F05_T7C	
68832	ZM_139_A1_F06	ZM_139_A1_F06_T7C	
68833	ZM_139_A1_F07	ZM_139_A1_F07_T7C	
68834	ZM_139_A1_F08	ZM_139_A1_F08_T7C	
68835	ZM_139_A1_F09	ZM_139_A1_F09_T7C	
68836	ZM_139_A1_F10	ZM_139_A1_F10_T7C	
68837	ZM_139_A1_F11	ZM_139_A1_F11_T7C	
68838	ZM_139_A1_F12	ZM_139_A1_F12_T7C	
68839	ZM_139_A1_G01	ZM_139_A1_G01_T7C	
68840	ZM_139_A1_G02	ZM_139_A1_G02_T7C	
68841	ZM_139_A1_G03	ZM_139_A1_G03_T7C	
68842	ZM_139_A1_G04	ZM_139_A1_G04_T7C	
68843	ZM_139_A1_G05	ZM_139_A1_G05_T7C	
68844	ZM_139_A1_G06	ZM_139_A1_G06_T7C	
68845	ZM_139_A1_G08	ZM_139_A1_G08_T7C	
68846	ZM_139_A1_G10	ZM_139_A1_G10_T7C	
68847	ZM_139_A1_G11	ZM_139_A1_G11_T7C	
68848	ZM_139_A1_G12	ZM_139_A1_G12_T7C	
68849	ZM_139_A1_H01	ZM_139_A1_H01_T7C	
68850	ZM_139_A1_H03	ZM_139_A1_H03_T7C	
68851	ZM_139_A1_H04	ZM_139_A1_H04_T7C	
68852	ZM_139_A1_H05	ZM_139_A1_H05_T7C	
68853	ZM_139_A1_H06	ZM_139_A1_H06_T7C	
68854	ZM_139_A1_H07	ZM_139_A1_H07_T7C	
68855	ZM_139_A1_H08	ZM_139_A1_H08_T7C	
68856	ZM_139_A1_H10	ZM_139_A1_H10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68857	ZM_139_A1_H11	ZM_139_A1_H11_T7C	
68858	ZM_139_A1_H12	ZM_139_A1_H12_T7C	
68859	ZM_139_A2_A04		ZM_139_A2_A04_MR
68860	ZM_139_A2_A05		ZM_139_A2_A05_MR
68861	ZM_139_A2_A07		ZM_139_A2_A07_MR
68862	ZM_139_A2_B05		ZM_139_A2_B05_MR
68863	ZM_139_A2_B08		ZM_139_A2_B08_MR
68864	ZM_139_A2_B12		ZM_139_A2_B12_MR
68865	ZM_139_A2_C02		ZM_139_A2_C02_MR
68866	ZM_139_A2_C03		ZM_139_A2_C03_MR
68867	ZM_139_A2_C08		ZM_139_A2_C08_MR
68868	ZM_139_A2_C09		ZM_139_A2_C09_MR
68869	ZM_139_A2_C12		ZM_139_A2_C12_MR
68870	ZM_139_A2_D02		ZM_139_A2_D02_MR
68871	ZM_139_A2_D03		ZM_139_A2_D03_MR
68872	ZM_139_A2_D05		ZM_139_A2_D05_MR
68873	ZM_139_A2_D09		ZM_139_A2_D09_MR
68874	ZM_139_A2_D12		ZM_139_A2_D12_MR
68875	ZM_139_A2_E01		ZM_139_A2_E01_MR
68876	ZM_139_A2_E03		ZM_139_A2_E03_MR
68877	ZM_139_A2_E04		ZM_139_A2_E04_MR
68878	ZM_139_A2_E05		ZM_139_A2_E05_MR
68879	ZM_139_A2_E06		ZM_139_A2_E06_MR
68880	ZM_139_A2_E07		ZM_139_A2_E07_MR
68881	ZM_139_A2_E09		ZM_139_A2_E09_MR
68882	ZM_139_A2_E10		ZM_139_A2_E10_MR
68883	ZM_139_A2_E12		ZM_139_A2_E12_MR
68884	ZM_139_A2_F01		ZM_139_A2_F01_MR
68885	ZM_139_A2_F02		ZM_139_A2_F02_MR
68886	ZM_139_A2_F03		ZM_139_A2_F03_MR
68887	ZM_139_A2_F04		ZM_139_A2_F04_MR
68888	ZM_139_A2_F08		ZM_139_A2_F08_MR
68889	ZM_139_A2_F09		ZM_139_A2_F09_MR
68890	ZM_139_A2_F10		ZM_139_A2_F10_MR
68891	ZM_139_A2_F12		ZM_139_A2_F12_MR
68892	ZM_139_A2_G01		ZM_139_A2_G01_MR
68893	ZM_139_A2_G04		ZM_139_A2_G04_MR
68894	ZM_139_A2_G05		ZM_139_A2_G05_MR
68895	ZM_139_A2_G06		ZM_139_A2_G06_MR
68896	ZM_139_A2_G08		ZM_139_A2_G08_MR
68897	ZM_139_A2_G09		ZM_139_A2_G09_MR
68898	ZM_139_A2_G10		ZM_139_A2_G10_MR
68899	ZM_139_A2_G11		ZM_139_A2_G11_MR
68900	ZM_139_A2_H03		ZM_139_A2_H03_MR
68901	ZM_139_A2_H05		ZM_139_A2_H05_MR
68902	ZM_139_A2_H08		ZM_139_A2_H08_MR
68903	ZM_139_A2_H09		ZM_139_A2_H09_MR
68904	ZM_139_A2_H11		ZM_139_A2_H11_MR
68905	ZM_139_A2_H12		ZM_139_A2_H12_MR
68906	ZM_139_B1_A01		ZM_139_B1_A01_MR
68907	ZM_139_B1_A04		ZM_139_B1_A04_MR
68908	ZM_139_B1_A05		ZM_139_B1_A05_MR
68909	ZM_139_B1_A06		ZM_139_B1_A06_MR
68910	ZM_139_B1_A07		ZM_139_B1_A07_MR
68911	ZM_139_B1_A08		ZM_139_B1_A08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68912	ZM_139_B1_A09		ZM_139_B1_A09_MR
68913	ZM_139_B1_A10		ZM_139_B1_A10_MR
68914	ZM_139_B1_A11		ZM_139_B1_A11_MR
68915	ZM_139_B1_A12		ZM_139_B1_A12_MR
68916	ZM_139_B1_B02		ZM_139_B1_B02_MR
68917	ZM_139_B1_B03		ZM_139_B1_B03_MR
68918	ZM_139_B1_B04		ZM_139_B1_B04_MR
68919	ZM_139_B1_B05		ZM_139_B1_B05_MR
68920	ZM_139_B1_B07		ZM_139_B1_B07_MR
68921	ZM_139_B1_B08		ZM_139_B1_B08_MR
68922	ZM_139_B1_B09		ZM_139_B1_B09_MR
68923	ZM_139_B1_B10		ZM_139_B1_B10_MR
68924	ZM_139_B1_B11		ZM_139_B1_B11_MR
68925	ZM_139_B1_C01		ZM_139_B1_C01_MR
68926	ZM_139_B1_C02		ZM_139_B1_C02_MR
68927	ZM_139_B1_C04		ZM_139_B1_C04_MR
68928	ZM_139_B1_C05		ZM_139_B1_C05_MR
68929	ZM_139_B1_C06		ZM_139_B1_C06_MR
68930	ZM_139_B1_C07		ZM_139_B1_C07_MR
68931	ZM_139_B1_C08		ZM_139_B1_C08_MR
68932	ZM_139_B1_C09		ZM_139_B1_C09_MR
68933	ZM_139_B1_C10		ZM_139_B1_C10_MR
68934	ZM_139_B1_C11		ZM_139_B1_C11_MR
68935	ZM_139_B1_C12		ZM_139_B1_C12_MR
68936	ZM_139_B1_D01		ZM_139_B1_D01_MR
68937	ZM_139_B1_D02		ZM_139_B1_D02_MR
68938	ZM_139_B1_D04		ZM_139_B1_D04_MR
68939	ZM_139_B1_D05		ZM_139_B1_D05_MR
68940	ZM_139_B1_D06		ZM_139_B1_D06_MR
68941	ZM_139_B1_D07		ZM_139_B1_D07_MR
68942	ZM_139_B1_D08		ZM_139_B1_D08_MR
68943	ZM_139_B1_D09		ZM_139_B1_D09_MR
68944	ZM_139_B1_D10		ZM_139_B1_D10_MR
68945	ZM_139_B1_D12		ZM_139_B1_D12_MR
68946	ZM_139_B1_E01		ZM_139_B1_E01_MR
68947	ZM_139_B1_E02		ZM_139_B1_E02_MR
68948	ZM_139_B1_E03		ZM_139_B1_E03_MR
68949	ZM_139_B1_E04		ZM_139_B1_E04_MR
68950	ZM_139_B1_E07		ZM_139_B1_E07_MR
68951	ZM_139_B1_E09		ZM_139_B1_E09_MR
68952	ZM_139_B1_E10		ZM_139_B1_E10_MR
68953	ZM_139_B1_E12		ZM_139_B1_E12_MR
68954	ZM_139_B1_F01		ZM_139_B1_F01_MR
68955	ZM_139_B1_F03		ZM_139_B1_F03_MR
68956	ZM_139_B1_F04		ZM_139_B1_F04_MR
68957	ZM_139_B1_F05		ZM_139_B1_F05_MR
68958	ZM_139_B1_F06		ZM_139_B1_F06_MR
68959	ZM_139_B1_F07		ZM_139_B1_F07_MR
68960	ZM_139_B1_F08		ZM_139_B1_F08_MR
68961	ZM_139_B1_F10		ZM_139_B1_F10_MR
68962	ZM_139_B1_F11		ZM_139_B1_F11_MR
68963	ZM_139_B1_F12		ZM_139_B1_F12_MR
68964	ZM_139_B1_G01		ZM_139_B1_G01_MR
68965	ZM_139_B1_G02		ZM_139_B1_G02_MR
68966	ZM_139_B1_G03		ZM_139_B1_G03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
68967	ZM_139_B1_G04		ZM_139_B1_G04_MR
68968	ZM_139_B1_G05		ZM_139_B1_G05_MR
68969	ZM_139_B1_G06		ZM_139_B1_G06_MR
68970	ZM_139_B1_G07		ZM_139_B1_G07_MR
68971	ZM_139_B1_G08		ZM_139_B1_G08_MR
68972	ZM_139_B1_G09		ZM_139_B1_G09_MR
68973	ZM_139_B1_G10		ZM_139_B1_G10_MR
68974	ZM_139_B1_G11		ZM_139_B1_G11_MR
68975	ZM_139_B1_G12		ZM_139_B1_G12_MR
68976	ZM_139_B1_H01		ZM_139_B1_H01_MR
68977	ZM_139_B1_H02		ZM_139_B1_H02_MR
68978	ZM_139_B1_H03		ZM_139_B1_H03_MR
68979	ZM_139_B1_H04		ZM_139_B1_H04_MR
68980	ZM_139_B1_H05		ZM_139_B1_H05_MR
68981	ZM_139_B1_H06		ZM_139_B1_H06_MR
68982	ZM_139_B1_H07		ZM_139_B1_H07_MR
68983	ZM_139_B1_H08		ZM_139_B1_H08_MR
68984	ZM_139_B1_H09		ZM_139_B1_H09_MR
68985	ZM_139_B1_H10		ZM_139_B1_H10_MR
68986	ZM_139_B1_H12		ZM_139_B1_H12_MR
68987	ZM_140_B1_A01	ZM_140_B1_A01_T7C	
68988	ZM_140_B1_A02	ZM_140_B1_A02_T7C	
68989	ZM_140_B1_A02		ZM_140_B1_A02_MR
68990	ZM_140_B1_A03	ZM_140_B1_A03_T7C	
68991	ZM_140_B1_A03		ZM_140_B1_A03_MR
68992	ZM_140_B1_A04	ZM_140_B1_A04_T7C	
68993	ZM_140_B1_A04		ZM_140_B1_A04_MR
68994	ZM_140_B1_A05	ZM_140_B1_A05_T7C	
68995	ZM_140_B1_A05		ZM_140_B1_A05_MR
68996	ZM_140_B1_A06	ZM_140_B1_A06_T7C	
68997	ZM_140_B1_A06		ZM_140_B1_A06_MR
68998	ZM_140_B1_A07	ZM_140_B1_A07_T7C	
68999	ZM_140_B1_A07		ZM_140_B1_A07_MR
69000	ZM_140_B1_A08	ZM_140_B1_A08_T7C	
69001	ZM_140_B1_A08		ZM_140_B1_A08_MR
69002	ZM_140_B1_A09	ZM_140_B1_A09_T7C	
69003	ZM_140_B1_A09		ZM_140_B1_A09_MR
69004	ZM_140_B1_A10	ZM_140_B1_A10_T7C	
69005	ZM_140_B1_A10		ZM_140_B1_A10_MR
69006	ZM_140_B1_A11		ZM_140_B1_A11_MR
69007	ZM_140_B1_B01	ZM_140_B1_B01_T7C	
69008	ZM_140_B1_B01		ZM_140_B1_B01_MR
69009	ZM_140_B1_B02	ZM_140_B1_B02_T7C	
69010	ZM_140_B1_B02		ZM_140_B1_B02_MR
69011	ZM_140_B1_B03	ZM_140_B1_B03_T7C	
69012	ZM_140_B1_B03		ZM_140_B1_B03_MR
69013	ZM_140_B1_B04	ZM_140_B1_B04_T7C	
69014	ZM_140_B1_B04		ZM_140_B1_B04_MR
69015	ZM_140_B1_B05	ZM_140_B1_B05_T7C	
69016	ZM_140_B1_B05		ZM_140_B1_B05_MR
69017	ZM_140_B1_B06	ZM_140_B1_B06_T7C	
69018	ZM_140_B1_B06		ZM_140_B1_B06_MR
69019	ZM_140_B1_B07	ZM_140_B1_B07_T7C	
69020	ZM_140_B1_B07		ZM_140_B1_B07_MR
69021	ZM_140_B1_B08	ZM_140_B1_B08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69022	ZM_140_B1_B08		ZM_140_B1_B08_MR
69023	ZM_140_B1_B09	ZM_140_B1_B09_T7C	
69024	ZM_140_B1_B09		ZM_140_B1_B09_MR
69025	ZM_140_B1_B10	ZM_140_B1_B10_T7C	
69026	ZM_140_B1_B10		ZM_140_B1_B10_MR
69027	ZM_140_B1_B11	ZM_140_B1_B11_T7C	
69028	ZM_140_B1_B11		ZM_140_B1_B11_MR
69029	ZM_140_B1_B12	ZM_140_B1_B12_T7C	
69030	ZM_140_B1_B12		ZM_140_B1_B12_MR
69031	ZM_140_B1_C01	ZM_140_B1_C01_T7C	
69032	ZM_140_B1_C01		ZM_140_B1_C01_MR
69033	ZM_140_B1_C02	ZM_140_B1_C02_T7C	
69034	ZM_140_B1_C02		ZM_140_B1_C02_MR
69035	ZM_140_B1_C03	ZM_140_B1_C03_T7C	
69036	ZM_140_B1_C03		ZM_140_B1_C03_MR
69037	ZM_140_B1_C04	ZM_140_B1_C04_T7C	
69038	ZM_140_B1_C04		ZM_140_B1_C04_MR
69039	ZM_140_B1_C05	ZM_140_B1_C05_T7C	
69040	ZM_140_B1_C05		ZM_140_B1_C05_MR
69041	ZM_140_B1_C06	ZM_140_B1_C06_T7C	
69042	ZM_140_B1_C06		ZM_140_B1_C06_MR
69043	ZM_140_B1_C07	ZM_140_B1_C07_T7C	
69044	ZM_140_B1_C07		ZM_140_B1_C07_MR
69045	ZM_140_B1_C08	ZM_140_B1_C08_T7C	
69046	ZM_140_B1_C08		ZM_140_B1_C08_MR
69047	ZM_140_B1_C09	ZM_140_B1_C09_T7C	
69048	ZM_140_B1_C09		ZM_140_B1_C09_MR
69049	ZM_140_B1_C10	ZM_140_B1_C10_T7C	
69050	ZM_140_B1_C10		ZM_140_B1_C10_MR
69051	ZM_140_B1_C11	ZM_140_B1_C11_T7C	
69052	ZM_140_B1_C11		ZM_140_B1_C11_MR
69053	ZM_140_B1_C12	ZM_140_B1_C12_T7C	
69054	ZM_140_B1_C12		ZM_140_B1_C12_MR
69055	ZM_140_B1_D01	ZM_140_B1_D01_T7C	
69056	ZM_140_B1_D02	ZM_140_B1_D02_T7C	
69057	ZM_140_B1_D02		ZM_140_B1_D02_MR
69058	ZM_140_B1_D03	ZM_140_B1_D03_T7C	
69059	ZM_140_B1_D03		ZM_140_B1_D03_MR
69060	ZM_140_B1_D04	ZM_140_B1_D04_T7C	
69061	ZM_140_B1_D04		ZM_140_B1_D04_MR
69062	ZM_140_B1_D05	ZM_140_B1_D05_T7C	
69063	ZM_140_B1_D05		ZM_140_B1_D05_MR
69064	ZM_140_B1_D06	ZM_140_B1_D06_T7C	
69065	ZM_140_B1_D06		ZM_140_B1_D06_MR
69066	ZM_140_B1_D07	ZM_140_B1_D07_T7C	
69067	ZM_140_B1_D07		ZM_140_B1_D07_MR
69068	ZM_140_B1_D08	ZM_140_B1_D08_T7C	
69069	ZM_140_B1_D08		ZM_140_B1_D08_MR
69070	ZM_140_B1_D09	ZM_140_B1_D09_T7C	
69071	ZM_140_B1_D09		ZM_140_B1_D09_MR
69072	ZM_140_B1_D10	ZM_140_B1_D10_T7C	
69073	ZM_140_B1_D10		ZM_140_B1_D10_MR
69074	ZM_140_B1_D11	ZM_140_B1_D11_T7C	
69075	ZM_140_B1_D11		ZM_140_B1_D11_MR
69076	ZM_140_B1_D12	ZM_140_B1_D12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69077	ZM_140_B1_D12		ZM_140_B1_D12_MR
69078	ZM_140_B1_E01	ZM_140_B1_E01_T7C	
69079	ZM_140_B1_E01		ZM_140_B1_E01_MR
69080	ZM_140_B1_E02	ZM_140_B1_E02_T7C	
69081	ZM_140_B1_E03	ZM_140_B1_E03_T7C	
69082	ZM_140_B1_E03		ZM_140_B1_E03_MR
69083	ZM_140_B1_E04	ZM_140_B1_E04_T7C	
69084	ZM_140_B1_E04		ZM_140_B1_E04_MR
69085	ZM_140_B1_E05	ZM_140_B1_E05_T7C	
69086	ZM_140_B1_E05		ZM_140_B1_E05_MR
69087	ZM_140_B1_E06	ZM_140_B1_E06_T7C	
69088	ZM_140_B1_E06		ZM_140_B1_E06_MR
69089	ZM_140_B1_E07	ZM_140_B1_E07_T7C	
69090	ZM_140_B1_E07		ZM_140_B1_E07_MR
69091	ZM_140_B1_E08	ZM_140_B1_E08_T7C	
69092	ZM_140_B1_E08		ZM_140_B1_E08_MR
69093	ZM_140_B1_E09	ZM_140_B1_E09_T7C	
69094	ZM_140_B1_E09		ZM_140_B1_E09_MR
69095	ZM_140_B1_E10	ZM_140_B1_E10_T7C	
69096	ZM_140_B1_E10		ZM_140_B1_E10_MR
69097	ZM_140_B1_E11	ZM_140_B1_E11_T7C	
69098	ZM_140_B1_E11		ZM_140_B1_E11_MR
69099	ZM_140_B1_F01	ZM_140_B1_F01_T7C	
69100	ZM_140_B1_F01		ZM_140_B1_F01_MR
69101	ZM_140_B1_F02	ZM_140_B1_F02_T7C	
69102	ZM_140_B1_F02		ZM_140_B1_F02_MR
69103	ZM_140_B1_F03	ZM_140_B1_F03_T7C	
69104	ZM_140_B1_F03		ZM_140_B1_F03_MR
69105	ZM_140_B1_F04	ZM_140_B1_F04_T7C	
69106	ZM_140_B1_F04		ZM_140_B1_F04_MR
69107	ZM_140_B1_F05	ZM_140_B1_F05_T7C	
69108	ZM_140_B1_F05		ZM_140_B1_F05_MR
69109	ZM_140_B1_F06	ZM_140_B1_F06_T7C	
69110	ZM_140_B1_F06		ZM_140_B1_F06_MR
69111	ZM_140_B1_F07	ZM_140_B1_F07_T7C	
69112	ZM_140_B1_F07		ZM_140_B1_F07_MR
69113	ZM_140_B1_F08	ZM_140_B1_F08_T7C	
69114	ZM_140_B1_F08		ZM_140_B1_F08_MR
69115	ZM_140_B1_F09	ZM_140_B1_F09_T7C	
69116	ZM_140_B1_F09		ZM_140_B1_F09_MR
69117	ZM_140_B1_F10	ZM_140_B1_F10_T7C	
69118	ZM_140_B1_F10		ZM_140_B1_F10_MR
69119	ZM_140_B1_F11	ZM_140_B1_F11_T7C	
69120	ZM_140_B1_F11		ZM_140_B1_F11_MR
69121	ZM_140_B1_F12	ZM_140_B1_F12_T7C	
69122	ZM_140_B1_F12		ZM_140_B1_F12_MR
69123	ZM_140_B1_G01	ZM_140_B1_G01_T7C	
69124	ZM_140_B1_G01		ZM_140_B1_G01_MR
69125	ZM_140_B1_G02	ZM_140_B1_G02_T7C	
69126	ZM_140_B1_G02		ZM_140_B1_G02_MR
69127	ZM_140_B1_G03	ZM_140_B1_G03_T7C	
69128	ZM_140_B1_G03		ZM_140_B1_G03_MR
69129	ZM_140_B1_G04	ZM_140_B1_G04_T7C	
69130	ZM_140_B1_G04		ZM_140_B1_G04_MR
69131	ZM_140_B1_G05	ZM_140_B1_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69132	ZM_140_B1_G05		ZM_140_B1_G05_MR
69133	ZM_140_B1_G06	ZM_140_B1_G06_T7C	
69134	ZM_140_B1_G06		ZM_140_B1_G06_MR
69135	ZM_140_B1_G07	ZM_140_B1_G07_T7C	
69136	ZM_140_B1_G07		ZM_140_B1_G07_MR
69137	ZM_140_B1_G08	ZM_140_B1_G08_T7C	
69138	ZM_140_B1_G08		ZM_140_B1_G08_MR
69139	ZM_140_B1_G09	ZM_140_B1_G09_T7C	
69140	ZM_140_B1_G09		ZM_140_B1_G09_MR
69141	ZM_140_B1_G10	ZM_140_B1_G10_T7C	
69142	ZM_140_B1_G10		ZM_140_B1_G10_MR
69143	ZM_140_B1_G11	ZM_140_B1_G11_T7C	
69144	ZM_140_B1_G11		ZM_140_B1_G11_MR
69145	ZM_140_B1_G12	ZM_140_B1_G12_T7C	
69146	ZM_140_B1_G12		ZM_140_B1_G12_MR
69147	ZM_140_B1_H01	ZM_140_B1_H01_T7C	
69148	ZM_140_B1_H01		ZM_140_B1_H01_MR
69149	ZM_140_B1_H02	ZM_140_B1_H02_T7C	
69150	ZM_140_B1_H02		ZM_140_B1_H02_MR
69151	ZM_140_B1_H03	ZM_140_B1_H03_T7C	
69152	ZM_140_B1_H03		ZM_140_B1_H03_MR
69153	ZM_140_B1_H04	ZM_140_B1_H04_T7C	
69154	ZM_140_B1_H04		ZM_140_B1_H04_MR
69155	ZM_140_B1_H05		ZM_140_B1_H05_MR
69156	ZM_140_B1_H06	ZM_140_B1_H06_T7C	
69157	ZM_140_B1_H06		ZM_140_B1_H06_MR
69158	ZM_140_B1_H07	ZM_140_B1_H07_T7C	
69159	ZM_140_B1_H07		ZM_140_B1_H07_MR
69160	ZM_140_B1_H08	ZM_140_B1_H08_T7C	
69161	ZM_140_B1_H09	ZM_140_B1_H09_T7C	
69162	ZM_140_B1_H10	ZM_140_B1_H10_T7C	
69163	ZM_140_B1_H10		ZM_140_B1_H10_MR
69164	ZM_140_B1_H11	ZM_140_B1_H11_T7C	
69165	ZM_140_B1_H11		ZM_140_B1_H11_MR
69166	ZM_140_B1_H12	ZM_140_B1_H12_T7C	
69167	ZM_140_B1_H12		ZM_140_B1_H12_MR
69168	ZM_141_A1_A01		ZM_141_A1_A01_MR
69169	ZM_141_A1_A02	ZM_141_A1_A02_T7C	
69170	ZM_141_A1_A02		ZM_141_A1_A02_MR
69171	ZM_141_A1_A03	ZM_141_A1_A03_T7C	
69172	ZM_141_A1_A03		ZM_141_A1_A03_MR
69173	ZM_141_A1_A04		ZM_141_A1_A04_MR
69174	ZM_141_A1_A05	ZM_141_A1_A05_T7C	
69175	ZM_141_A1_A05		ZM_141_A1_A05_MR
69176	ZM_141_A1_A06		ZM_141_A1_A06_MR
69177	ZM_141_A1_A07	ZM_141_A1_A07_T7C	
69178	ZM_141_A1_A07		ZM_141_A1_A07_MR
69179	ZM_141_A1_A08		ZM_141_A1_A08_MR
69180	ZM_141_A1_A09		ZM_141_A1_A09_MR
69181	ZM_141_A1_A10	ZM_141_A1_A10_T7C	
69182	ZM_141_A1_A10		ZM_141_A1_A10_MR
69183	ZM_141_A1_A11	ZM_141_A1_A11_T7C	
69184	ZM_141_A1_A11		ZM_141_A1_A11_MR
69185	ZM_141_A1_A12	ZM_141_A1_A12_T7C	
69186	ZM_141_A1_A12		ZM_141_A1_A12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69187	ZM_141_A1_B01	ZM_141_A1_B01_T7C	
69188	ZM_141_A1_B01		ZM_141_A1_B01_MR
69189	ZM_141_A1_B02	ZM_141_A1_B02_T7C	
69190	ZM_141_A1_B02		ZM_141_A1_B02_MR
69191	ZM_141_A1_B03	ZM_141_A1_B03_T7C	
69192	ZM_141_A1_B03		ZM_141_A1_B03_MR
69193	ZM_141_A1_B04	ZM_141_A1_B04_T7C	
69194	ZM_141_A1_B04		ZM_141_A1_B04_MR
69195	ZM_141_A1_B05	ZM_141_A1_B05_T7C	
69196	ZM_141_A1_B05		ZM_141_A1_B05_MR
69197	ZM_141_A1_B06		ZM_141_A1_B06_MR
69198	ZM_141_A1_B07	ZM_141_A1_B07_T7C	
69199	ZM_141_A1_B07		ZM_141_A1_B07_MR
69200	ZM_141_A1_B08	ZM_141_A1_B08_T7C	
69201	ZM_141_A1_B08		ZM_141_A1_B08_MR
69202	ZM_141_A1_B09		ZM_141_A1_B09_MR
69203	ZM_141_A1_B10	ZM_141_A1_B10_T7C	
69204	ZM_141_A1_B10		ZM_141_A1_B10_MR
69205	ZM_141_A1_B11	ZM_141_A1_B11_T7C	
69206	ZM_141_A1_B11		ZM_141_A1_B11_MR
69207	ZM_141_A1_B12	ZM_141_A1_B12_T7C	
69208	ZM_141_A1_B12		ZM_141_A1_B12_MR
69209	ZM_141_A1_C01	ZM_141_A1_C01_T7C	
69210	ZM_141_A1_C01		ZM_141_A1_C01_MR
69211	ZM_141_A1_C02	ZM_141_A1_C02_T7C	
69212	ZM_141_A1_C02		ZM_141_A1_C02_MR
69213	ZM_141_A1_C03	ZM_141_A1_C03_T7C	
69214	ZM_141_A1_C03		ZM_141_A1_C03_MR
69215	ZM_141_A1_C04	ZM_141_A1_C04_T7C	
69216	ZM_141_A1_C04		ZM_141_A1_C04_MR
69217	ZM_141_A1_C05	ZM_141_A1_C05_T7C	
69218	ZM_141_A1_C05		ZM_141_A1_C05_MR
69219	ZM_141_A1_C06	ZM_141_A1_C06_T7C	
69220	ZM_141_A1_C06		ZM_141_A1_C06_MR
69221	ZM_141_A1_C07		ZM_141_A1_C07_MR
69222	ZM_141_A1_C08		ZM_141_A1_C08_MR
69223	ZM_141_A1_C09		ZM_141_A1_C09_MR
69224	ZM_141_A1_C10	ZM_141_A1_C10_T7C	
69225	ZM_141_A1_C10		ZM_141_A1_C10_MR
69226	ZM_141_A1_C11		ZM_141_A1_C11_MR
69227	ZM_141_A1_C12	ZM_141_A1_C12_T7C	
69228	ZM_141_A1_C12		ZM_141_A1_C12_MR
69229	ZM_141_A1_D01	ZM_141_A1_D01_T7C	
69230	ZM_141_A1_D01		ZM_141_A1_D01_MR
69231	ZM_141_A1_D02	ZM_141_A1_D02_T7C	
69232	ZM_141_A1_D02		ZM_141_A1_D02_MR
69233	ZM_141_A1_D03	ZM_141_A1_D03_T7C	
69234	ZM_141_A1_D03		ZM_141_A1_D03_MR
69235	ZM_141_A1_D04	ZM_141_A1_D04_T7C	
69236	ZM_141_A1_D04		ZM_141_A1_D04_MR
69237	ZM_141_A1_D05	ZM_141_A1_D05_T7C	
69238	ZM_141_A1_D05		ZM_141_A1_D05_MR
69239	ZM_141_A1_D06		ZM_141_A1_D06_MR
69240	ZM_141_A1_D07	ZM_141_A1_D07_T7C	
69241	ZM_141_A1_D07		ZM_141_A1_D07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69242	ZM_141_A1_D08	ZM_141_A1_D08_T7C	
69243	ZM_141_A1_D08		ZM_141_A1_D08_MR
69244	ZM_141_A1_D09		ZM_141_A1_D09_MR
69245	ZM_141_A1_D10	ZM_141_A1_D10_T7C	
69246	ZM_141_A1_D10		ZM_141_A1_D10_MR
69247	ZM_141_A1_D11	ZM_141_A1_D11_T7C	
69248	ZM_141_A1_D11		ZM_141_A1_D11_MR
69249	ZM_141_A1_D12	ZM_141_A1_D12_T7C	
69250	ZM_141_A1_D12		ZM_141_A1_D12_MR
69251	ZM_141_A1_E01	ZM_141_A1_E01_T7C	
69252	ZM_141_A1_E01		ZM_141_A1_E01_MR
69253	ZM_141_A1_E02	ZM_141_A1_E02_T7C	
69254	ZM_141_A1_E02		ZM_141_A1_E02_MR
69255	ZM_141_A1_E03	ZM_141_A1_E03_T7C	
69256	ZM_141_A1_E03		ZM_141_A1_E03_MR
69257	ZM_141_A1_E04		ZM_141_A1_E04_MR
69258	ZM_141_A1_E05	ZM_141_A1_E05_T7C	
69259	ZM_141_A1_E05		ZM_141_A1_E05_MR
69260	ZM_141_A1_E06	ZM_141_A1_E06_T7C	
69261	ZM_141_A1_E07	ZM_141_A1_E07_T7C	
69262	ZM_141_A1_E07		ZM_141_A1_E07_MR
69263	ZM_141_A1_E08		ZM_141_A1_E08_MR
69264	ZM_141_A1_E09		ZM_141_A1_E09_MR
69265	ZM_141_A1_E10	ZM_141_A1_E10_T7C	
69266	ZM_141_A1_E10		ZM_141_A1_E10_MR
69267	ZM_141_A1_E12	ZM_141_A1_E12_T7C	
69268	ZM_141_A1_E12		ZM_141_A1_E12_MR
69269	ZM_141_A1_F01		ZM_141_A1_F01_MR
69270	ZM_141_A1_F02	ZM_141_A1_F02_T7C	
69271	ZM_141_A1_F02		ZM_141_A1_F02_MR
69272	ZM_141_A1_F03	ZM_141_A1_F03_T7C	
69273	ZM_141_A1_F03		ZM_141_A1_F03_MR
69274	ZM_141_A1_F04	ZM_141_A1_F04_T7C	
69275	ZM_141_A1_F04		ZM_141_A1_F04_MR
69276	ZM_141_A1_F05	ZM_141_A1_F05_T7C	
69277	ZM_141_A1_F05		ZM_141_A1_F05_MR
69278	ZM_141_A1_F06	ZM_141_A1_F06_T7C	
69279	ZM_141_A1_F06		ZM_141_A1_F06_MR
69280	ZM_141_A1_F07	ZM_141_A1_F07_T7C	
69281	ZM_141_A1_F07		ZM_141_A1_F07_MR
69282	ZM_141_A1_F08		ZM_141_A1_F08_MR
69283	ZM_141_A1_F09		ZM_141_A1_F09_MR
69284	ZM_141_A1_F10	ZM_141_A1_F10_T7C	
69285	ZM_141_A1_F10		ZM_141_A1_F10_MR
69286	ZM_141_A1_F11		ZM_141_A1_F11_MR
69287	ZM_141_A1_F12	ZM_141_A1_F12_T7C	
69288	ZM_141_A1_F12		ZM_141_A1_F12_MR
69289	ZM_141_A1_G01	ZM_141_A1_G01_T7C	
69290	ZM_141_A1_G01		ZM_141_A1_G01_MR
69291	ZM_141_A1_G02	ZM_141_A1_G02_T7C	
69292	ZM_141_A1_G02		ZM_141_A1_G02_MR
69293	ZM_141_A1_G03	ZM_141_A1_G03_T7C	
69294	ZM_141_A1_G03		ZM_141_A1_G03_MR
69295	ZM_141_A1_G04		ZM_141_A1_G04_MR
69296	ZM_141_A1_G05	ZM_141_A1_G05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69297	ZM_141_A1_G05		ZM_141_A1_G05_MR
69298	ZM_141_A1_G06	ZM_141_A1_G06_T7C	
69299	ZM_141_A1_G06		ZM_141_A1_G06_MR
69300	ZM_141_A1_G07	ZM_141_A1_G07_T7C	
69301	ZM_141_A1_G07		ZM_141_A1_G07_MR
69302	ZM_141_A1_G08	ZM_141_A1_G08_T7C	
69303	ZM_141_A1_G08		ZM_141_A1_G08_MR
69304	ZM_141_A1_G09		ZM_141_A1_G09_MR
69305	ZM_141_A1_G10	ZM_141_A1_G10_T7C	
69306	ZM_141_A1_G10		ZM_141_A1_G10_MR
69307	ZM_141_A1_G11	ZM_141_A1_G11_T7C	
69308	ZM_141_A1_G11		ZM_141_A1_G11_MR
69309	ZM_141_A1_G12	ZM_141_A1_G12_T7C	
69310	ZM_141_A1_G12		ZM_141_A1_G12_MR
69311	ZM_141_A1_H01		ZM_141_A1_H01_MR
69312	ZM_141_A1_H02	ZM_141_A1_H02_T7C	
69313	ZM_141_A1_H02		ZM_141_A1_H02_MR
69314	ZM_141_A1_H03	ZM_141_A1_H03_T7C	
69315	ZM_141_A1_H03		ZM_141_A1_H03_MR
69316	ZM_141_A1_H04		ZM_141_A1_H04_MR
69317	ZM_141_A1_H06	ZM_141_A1_H06_T7C	
69318	ZM_141_A1_H06		ZM_141_A1_H06_MR
69319	ZM_141_A1_H07	ZM_141_A1_H07_T7C	
69320	ZM_141_A1_H07		ZM_141_A1_H07_MR
69321	ZM_141_A1_H08		ZM_141_A1_H08_MR
69322	ZM_141_A1_H09		ZM_141_A1_H09_MR
69323	ZM_141_A1_H10	ZM_141_A1_H10_T7C	
69324	ZM_141_A1_H10		ZM_141_A1_H10_MR
69325	ZM_141_A1_H11	ZM_141_A1_H11_T7C	
69326	ZM_141_A1_H11		ZM_141_A1_H11_MR
69327	ZM_141_A1_H12	ZM_141_A1_H12_T7C	
69328	ZM_141_A1_H12		ZM_141_A1_H12_MR
69329	ZM_141_A2_A01		ZM_141_A2_A01_MR
69330	ZM_141_A2_A02		ZM_141_A2_A02_MR
69331	ZM_141_A2_A03		ZM_141_A2_A03_MR
69332	ZM_141_A2_A04		ZM_141_A2_A04_MR
69333	ZM_141_A2_A05		ZM_141_A2_A05_MR
69334	ZM_141_A2_A06		ZM_141_A2_A06_MR
69335	ZM_141_A2_A07		ZM_141_A2_A07_MR
69336	ZM_141_A2_A08		ZM_141_A2_A08_MR
69337	ZM_141_A2_A10		ZM_141_A2_A10_MR
69338	ZM_141_A2_A11		ZM_141_A2_A11_MR
69339	ZM_141_A2_A12		ZM_141_A2_A12_MR
69340	ZM_141_A2_B01		ZM_141_A2_B01_MR
69341	ZM_141_A2_B02		ZM_141_A2_B02_MR
69342	ZM_141_A2_B03		ZM_141_A2_B03_MR
69343	ZM_141_A2_B04		ZM_141_A2_B04_MR
69344	ZM_141_A2_B05		ZM_141_A2_B05_MR
69345	ZM_141_A2_B06		ZM_141_A2_B06_MR
69346	ZM_141_A2_B07		ZM_141_A2_B07_MR
69347	ZM_141_A2_B08		ZM_141_A2_B08_MR
69348	ZM_141_A2_B10		ZM_141_A2_B10_MR
69349	ZM_141_A2_B11		ZM_141_A2_B11_MR
69350	ZM_141_A2_B12		ZM_141_A2_B12_MR
69351	ZM_141_A2_C01		ZM_141_A2_C01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69352	ZM_141_A2_C02		ZM_141_A2_C02_MR
69353	ZM_141_A2_C03		ZM_141_A2_C03_MR
69354	ZM_141_A2_C04		ZM_141_A2_C04_MR
69355	ZM_141_A2_C05		ZM_141_A2_C05_MR
69356	ZM_141_A2_C07		ZM_141_A2_C07_MR
69357	ZM_141_A2_C08		ZM_141_A2_C08_MR
69358	ZM_141_A2_C09		ZM_141_A2_C09_MR
69359	ZM_141_A2_C10		ZM_141_A2_C10_MR
69360	ZM_141_A2_C11		ZM_141_A2_C11_MR
69361	ZM_141_A2_C12		ZM_141_A2_C12_MR
69362	ZM_141_A2_D01		ZM_141_A2_D01_MR
69363	ZM_141_A2_D02		ZM_141_A2_D02_MR
69364	ZM_141_A2_D03		ZM_141_A2_D03_MR
69365	ZM_141_A2_D04		ZM_141_A2_D04_MR
69366	ZM_141_A2_D05		ZM_141_A2_D05_MR
69367	ZM_141_A2_D07		ZM_141_A2_D07_MR
69368	ZM_141_A2_D08		ZM_141_A2_D08_MR
69369	ZM_141_A2_D09		ZM_141_A2_D09_MR
69370	ZM_141_A2_D10		ZM_141_A2_D10_MR
69371	ZM_141_A2_D11		ZM_141_A2_D11_MR
69372	ZM_141_A2_D12		ZM_141_A2_D12_MR
69373	ZM_141_A2_E01		ZM_141_A2_E01_MR
69374	ZM_141_A2_E02		ZM_141_A2_E02_MR
69375	ZM_141_A2_E03		ZM_141_A2_E03_MR
69376	ZM_141_A2_E04		ZM_141_A2_E04_MR
69377	ZM_141_A2_E05		ZM_141_A2_E05_MR
69378	ZM_141_A2_E06		ZM_141_A2_E06_MR
69379	ZM_141_A2_E10		ZM_141_A2_E10_MR
69380	ZM_141_A2_E11		ZM_141_A2_E11_MR
69381	ZM_141_A2_F02		ZM_141_A2_F02_MR
69382	ZM_141_A2_F03		ZM_141_A2_F03_MR
69383	ZM_141_A2_F04		ZM_141_A2_F04_MR
69384	ZM_141_A2_F05		ZM_141_A2_F05_MR
69385	ZM_141_A2_F06		ZM_141_A2_F06_MR
69386	ZM_141_A2_F07		ZM_141_A2_F07_MR
69387	ZM_141_A2_F09		ZM_141_A2_F09_MR
69388	ZM_141_A2_F11		ZM_141_A2_F11_MR
69389	ZM_141_A2_F12		ZM_141_A2_F12_MR
69390	ZM_141_A2_G01		ZM_141_A2_G01_MR
69391	ZM_141_A2_G02		ZM_141_A2_G02_MR
69392	ZM_141_A2_G03		ZM_141_A2_G03_MR
69393	ZM_141_A2_G04		ZM_141_A2_G04_MR
69394	ZM_141_A2_G05		ZM_141_A2_G05_MR
69395	ZM_141_A2_G06		ZM_141_A2_G06_MR
69396	ZM_141_A2_G07		ZM_141_A2_G07_MR
69397	ZM_141_A2_G08		ZM_141_A2_G08_MR
69398	ZM_141_A2_G09		ZM_141_A2_G09_MR
69399	ZM_141_A2_G11		ZM_141_A2_G11_MR
69400	ZM_141_A2_G12		ZM_141_A2_G12_MR
69401	ZM_141_A2_H01		ZM_141_A2_H01_MR
69402	ZM_141_A2_H02		ZM_141_A2_H02_MR
69403	ZM_141_A2_H03		ZM_141_A2_H03_MR
69404	ZM_141_A2_H04		ZM_141_A2_H04_MR
69405	ZM_141_A2_H05		ZM_141_A2_H05_MR
69406	ZM_141_A2_H06		ZM_141_A2_H06_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69407	ZM_141_A2_H07		ZM_141_A2_H07_MR
69408	ZM_141_A2_H08		ZM_141_A2_H08_MR
69409	ZM_141_A2_H09		ZM_141_A2_H09_MR
69410	ZM_141_A2_H11		ZM_141_A2_H11_MR
69411	ZM_141_A2_H12		ZM_141_A2_H12_MR
69412	ZM_141_B1_A01		ZM_141_B1_A01_MR
69413	ZM_141_B1_A02		ZM_141_B1_A02_MR
69414	ZM_141_B1_A03		ZM_141_B1_A03_MR
69415	ZM_141_B1_A04		ZM_141_B1_A04_MR
69416	ZM_141_B1_A05		ZM_141_B1_A05_MR
69417	ZM_141_B1_A06		ZM_141_B1_A06_MR
69418	ZM_141_B1_A07		ZM_141_B1_A07_MR
69419	ZM_141_B1_A08		ZM_141_B1_A08_MR
69420	ZM_141_B1_A09		ZM_141_B1_A09_MR
69421	ZM_141_B1_A10		ZM_141_B1_A10_MR
69422	ZM_141_B1_A11		ZM_141_B1_A11_MR
69423	ZM_141_B1_A12		ZM_141_B1_A12_MR
69424	ZM_141_B1_B01		ZM_141_B1_B01_MR
69425	ZM_141_B1_B02		ZM_141_B1_B02_MR
69426	ZM_141_B1_B03		ZM_141_B1_B03_MR
69427	ZM_141_B1_B04		ZM_141_B1_B04_MR
69428	ZM_141_B1_B05		ZM_141_B1_B05_MR
69429	ZM_141_B1_B06		ZM_141_B1_B06_MR
69430	ZM_141_B1_B07		ZM_141_B1_B07_MR
69431	ZM_141_B1_B08		ZM_141_B1_B08_MR
69432	ZM_141_B1_B09		ZM_141_B1_B09_MR
69433	ZM_141_B1_B10		ZM_141_B1_B10_MR
69434	ZM_141_B1_B11		ZM_141_B1_B11_MR
69435	ZM_141_B1_B12		ZM_141_B1_B12_MR
69436	ZM_141_B1_C01		ZM_141_B1_C01_MR
69437	ZM_141_B1_C02		ZM_141_B1_C02_MR
69438	ZM_141_B1_C03		ZM_141_B1_C03_MR
69439	ZM_141_B1_C04		ZM_141_B1_C04_MR
69440	ZM_141_B1_C05		ZM_141_B1_C05_MR
69441	ZM_141_B1_C06		ZM_141_B1_C06_MR
69442	ZM_141_B1_C07		ZM_141_B1_C07_MR
69443	ZM_141_B1_C08		ZM_141_B1_C08_MR
69444	ZM_141_B1_C09		ZM_141_B1_C09_MR
69445	ZM_141_B1_C10		ZM_141_B1_C10_MR
69446	ZM_141_B1_C11		ZM_141_B1_C11_MR
69447	ZM_141_B1_C12		ZM_141_B1_C12_MR
69448	ZM_141_B1_D01		ZM_141_B1_D01_MR
69449	ZM_141_B1_D02		ZM_141_B1_D02_MR
69450	ZM_141_B1_D03		ZM_141_B1_D03_MR
69451	ZM_141_B1_D04		ZM_141_B1_D04_MR
69452	ZM_141_B1_D05		ZM_141_B1_D05_MR
69453	ZM_141_B1_D06		ZM_141_B1_D06_MR
69454	ZM_141_B1_D07		ZM_141_B1_D07_MR
69455	ZM_141_B1_D08		ZM_141_B1_D08_MR
69456	ZM_141_B1_D09		ZM_141_B1_D09_MR
69457	ZM_141_B1_D10		ZM_141_B1_D10_MR
69458	ZM_141_B1_D11		ZM_141_B1_D11_MR
69459	ZM_141_B1_D12		ZM_141_B1_D12_MR
69460	ZM_141_B1_E02		ZM_141_B1_E02_MR
69461	ZM_141_B1_E03		ZM_141_B1_E03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69462	ZM_141_B1_E04		ZM_141_B1_E04_MR
69463	ZM_141_B1_E05		ZM_141_B1_E05_MR
69464	ZM_141_B1_E06		ZM_141_B1_E06_MR
69465	ZM_141_B1_E07		ZM_141_B1_E07_MR
69466	ZM_141_B1_E08		ZM_141_B1_E08_MR
69467	ZM_141_B1_E09		ZM_141_B1_E09_MR
69468	ZM_141_B1_E10		ZM_141_B1_E10_MR
69469	ZM_141_B1_E11		ZM_141_B1_E11_MR
69470	ZM_141_B1_E12		ZM_141_B1_E12_MR
69471	ZM_141_B1_F01		ZM_141_B1_F01_MR
69472	ZM_141_B1_F02		ZM_141_B1_F02_MR
69473	ZM_141_B1_F03		ZM_141_B1_F03_MR
69474	ZM_141_B1_F04		ZM_141_B1_F04_MR
69475	ZM_141_B1_F05		ZM_141_B1_F05_MR
69476	ZM_141_B1_F06		ZM_141_B1_F06_MR
69477	ZM_141_B1_F07		ZM_141_B1_F07_MR
69478	ZM_141_B1_F08		ZM_141_B1_F08_MR
69479	ZM_141_B1_F09		ZM_141_B1_F09_MR
69480	ZM_141_B1_F10		ZM_141_B1_F10_MR
69481	ZM_141_B1_F11		ZM_141_B1_F11_MR
69482	ZM_141_B1_F12		ZM_141_B1_F12_MR
69483	ZM_141_B1_G01		ZM_141_B1_G01_MR
69484	ZM_141_B1_G02		ZM_141_B1_G02_MR
69485	ZM_141_B1_G03		ZM_141_B1_G03_MR
69486	ZM_141_B1_G04		ZM_141_B1_G04_MR
69487	ZM_141_B1_G05		ZM_141_B1_G05_MR
69488	ZM_141_B1_G06		ZM_141_B1_G06_MR
69489	ZM_141_B1_G08		ZM_141_B1_G08_MR
69490	ZM_141_B1_G09		ZM_141_B1_G09_MR
69491	ZM_141_B1_G10		ZM_141_B1_G10_MR
69492	ZM_141_B1_G11		ZM_141_B1_G11_MR
69493	ZM_141_B1_G12		ZM_141_B1_G12_MR
69494	ZM_141_B1_H01		ZM_141_B1_H01_MR
69495	ZM_141_B1_H02		ZM_141_B1_H02_MR
69496	ZM_141_B1_H03		ZM_141_B1_H03_MR
69497	ZM_141_B1_H04		ZM_141_B1_H04_MR
69498	ZM_141_B1_H05		ZM_141_B1_H05_MR
69499	ZM_141_B1_H06		ZM_141_B1_H06_MR
69500	ZM_141_B1_H07		ZM_141_B1_H07_MR
69501	ZM_141_B1_H08		ZM_141_B1_H08_MR
69502	ZM_141_B1_H10		ZM_141_B1_H10_MR
69503	ZM_141_B1_H11		ZM_141_B1_H11_MR
69504	ZM_141_B1_H12		ZM_141_B1_H12_MR
69505	ZM_141_B2_A02	ZM_141_B2_A02_T7C	
69506	ZM_141_B2_A02		ZM_141_B2_A02_MR
69507	ZM_141_B2_A03		ZM_141_B2_A03_MR
69508	ZM_141_B2_A04		ZM_141_B2_A04_MR
69509	ZM_141_B2_A05		ZM_141_B2_A05_MR
69510	ZM_141_B2_A06	ZM_141_B2_A06_T7C	
69511	ZM_141_B2_A06		ZM_141_B2_A06_MR
69512	ZM_141_B2_A07		ZM_141_B2_A07_MR
69513	ZM_141_B2_A08	ZM_141_B2_A08_T7C	
69514	ZM_141_B2_A09		ZM_141_B2_A09_MR
69515	ZM_141_B2_A10		ZM_141_B2_A10_MR
69516	ZM_141_B2_A11		ZM_141_B2_A11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69517	ZM_141_B2_A12		ZM_141_B2_A12_MR
69518	ZM_141_B2_B01	ZM_141_B2_B01_T7C	
69519	ZM_141_B2_B01		ZM_141_B2_B01_MR
69520	ZM_141_B2_B02		ZM_141_B2_B02_MR
69521	ZM_141_B2_B03		ZM_141_B2_B03_MR
69522	ZM_141_B2_B04		ZM_141_B2_B04_MR
69523	ZM_141_B2_B05		ZM_141_B2_B05_MR
69524	ZM_141_B2_B06		ZM_141_B2_B06_MR
69525	ZM_141_B2_B07	ZM_141_B2_B07_T7C	
69526	ZM_141_B2_B07		ZM_141_B2_B07_MR
69527	ZM_141_B2_B08	ZM_141_B2_B08_T7C	
69528	ZM_141_B2_B08		ZM_141_B2_B08_MR
69529	ZM_141_B2_B09	ZM_141_B2_B09_T7C	
69530	ZM_141_B2_B09		ZM_141_B2_B09_MR
69531	ZM_141_B2_B10	ZM_141_B2_B10_T7C	
69532	ZM_141_B2_B10		ZM_141_B2_B10_MR
69533	ZM_141_B2_B11	ZM_141_B2_B11_T7C	
69534	ZM_141_B2_B11		ZM_141_B2_B11_MR
69535	ZM_141_B2_B12		ZM_141_B2_B12_MR
69536	ZM_141_B2_C01	ZM_141_B2_C01_T7C	
69537	ZM_141_B2_C01		ZM_141_B2_C01_MR
69538	ZM_141_B2_C02	ZM_141_B2_C02_T7C	
69539	ZM_141_B2_C02		ZM_141_B2_C02_MR
69540	ZM_141_B2_C03		ZM_141_B2_C03_MR
69541	ZM_141_B2_C04	ZM_141_B2_C04_T7C	
69542	ZM_141_B2_C04		ZM_141_B2_C04_MR
69543	ZM_141_B2_C05		ZM_141_B2_C05_MR
69544	ZM_141_B2_C06	ZM_141_B2_C06_T7C	
69545	ZM_141_B2_C06		ZM_141_B2_C06_MR
69546	ZM_141_B2_C07	ZM_141_B2_C07_T7C	
69547	ZM_141_B2_C07		ZM_141_B2_C07_MR
69548	ZM_141_B2_C08		ZM_141_B2_C08_MR
69549	ZM_141_B2_C09		ZM_141_B2_C09_MR
69550	ZM_141_B2_C10		ZM_141_B2_C10_MR
69551	ZM_141_B2_C11		ZM_141_B2_C11_MR
69552	ZM_141_B2_C12		ZM_141_B2_C12_MR
69553	ZM_141_B2_D01		ZM_141_B2_D01_MR
69554	ZM_141_B2_D02		ZM_141_B2_D02_MR
69555	ZM_141_B2_D03		ZM_141_B2_D03_MR
69556	ZM_141_B2_D04		ZM_141_B2_D04_MR
69557	ZM_141_B2_D05	ZM_141_B2_D05_T7C	
69558	ZM_141_B2_D05		ZM_141_B2_D05_MR
69559	ZM_141_B2_D07		ZM_141_B2_D07_MR
69560	ZM_141_B2_D08	ZM_141_B2_D08_T7C	
69561	ZM_141_B2_D08		ZM_141_B2_D08_MR
69562	ZM_141_B2_D09	ZM_141_B2_D09_T7C	
69563	ZM_141_B2_D09		ZM_141_B2_D09_MR
69564	ZM_141_B2_D10	ZM_141_B2_D10_T7C	
69565	ZM_141_B2_D10		ZM_141_B2_D10_MR
69566	ZM_141_B2_D11	ZM_141_B2_D11_T7C	
69567	ZM_141_B2_D11		ZM_141_B2_D11_MR
69568	ZM_141_B2_D12	ZM_141_B2_D12_T7C	
69569	ZM_141_B2_D12		ZM_141_B2_D12_MR
69570	ZM_141_B2_E01	ZM_141_B2_E01_T7C	
69571	ZM_141_B2_E01		ZM_141_B2_E01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69572	ZM_141_B2_E02		ZM_141_B2_E02_MR
69573	ZM_141_B2_E03	ZM_141_B2_E03_T7C	
69574	ZM_141_B2_E03		ZM_141_B2_E03_MR
69575	ZM_141_B2_E04	ZM_141_B2_E04_T7C	
69576	ZM_141_B2_E04		ZM_141_B2_E04_MR
69577	ZM_141_B2_E05	ZM_141_B2_E05_T7C	
69578	ZM_141_B2_E05		ZM_141_B2_E05_MR
69579	ZM_141_B2_E06	ZM_141_B2_E06_T7C	
69580	ZM_141_B2_E06		ZM_141_B2_E06_MR
69581	ZM_141_B2_E07	ZM_141_B2_E07_T7C	
69582	ZM_141_B2_E07		ZM_141_B2_E07_MR
69583	ZM_141_B2_E08	ZM_141_B2_E08_T7C	
69584	ZM_141_B2_E08		ZM_141_B2_E08_MR
69585	ZM_141_B2_E09	ZM_141_B2_E09_T7C	
69586	ZM_141_B2_E09		ZM_141_B2_E09_MR
69587	ZM_141_B2_E10	ZM_141_B2_E10_T7C	
69588	ZM_141_B2_E10		ZM_141_B2_E10_MR
69589	ZM_141_B2_E11		ZM_141_B2_E11_MR
69590	ZM_141_B2_E12	ZM_141_B2_E12_T7C	
69591	ZM_141_B2_E12		ZM_141_B2_E12_MR
69592	ZM_141_B2_F01	ZM_141_B2_F01_T7C	
69593	ZM_141_B2_F01		ZM_141_B2_F01_MR
69594	ZM_141_B2_F02	ZM_141_B2_F02_T7C	
69595	ZM_141_B2_F02		ZM_141_B2_F02_MR
69596	ZM_141_B2_F03	ZM_141_B2_F03_T7C	
69597	ZM_141_B2_F03		ZM_141_B2_F03_MR
69598	ZM_141_B2_F04		ZM_141_B2_F04_MR
69599	ZM_141_B2_F05	ZM_141_B2_F05_T7C	
69600	ZM_141_B2_F05		ZM_141_B2_F05_MR
69601	ZM_141_B2_F06	ZM_141_B2_F06_T7C	
69602	ZM_141_B2_F06		ZM_141_B2_F06_MR
69603	ZM_141_B2_F07	ZM_141_B2_F07_T7C	
69604	ZM_141_B2_F07		ZM_141_B2_F07_MR
69605	ZM_141_B2_F08	ZM_141_B2_F08_T7C	
69606	ZM_141_B2_F08		ZM_141_B2_F08_MR
69607	ZM_141_B2_F09	ZM_141_B2_F09_T7C	
69608	ZM_141_B2_F09		ZM_141_B2_F09_MR
69609	ZM_141_B2_F10	ZM_141_B2_F10_T7C	
69610	ZM_141_B2_F10		ZM_141_B2_F10_MR
69611	ZM_141_B2_F11		ZM_141_B2_F11_MR
69612	ZM_141_B2_F12		ZM_141_B2_F12_MR
69613	ZM_141_B2_G01	ZM_141_B2_G01_T7C	
69614	ZM_141_B2_G01		ZM_141_B2_G01_MR
69615	ZM_141_B2_G02		ZM_141_B2_G02_MR
69616	ZM_141_B2_G03	ZM_141_B2_G03_T7C	
69617	ZM_141_B2_G03		ZM_141_B2_G03_MR
69618	ZM_141_B2_G04	ZM_141_B2_G04_T7C	
69619	ZM_141_B2_G04		ZM_141_B2_G04_MR
69620	ZM_141_B2_G05	ZM_141_B2_G05_T7C	
69621	ZM_141_B2_G05		ZM_141_B2_G05_MR
69622	ZM_141_B2_G06	ZM_141_B2_G06_T7C	
69623	ZM_141_B2_G06		ZM_141_B2_G06_MR
69624	ZM_141_B2_G07	ZM_141_B2_G07_T7C	
69625	ZM_141_B2_G07		ZM_141_B2_G07_MR
69626	ZM_141_B2_G08		ZM_141_B2_G08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69627	ZM_141_B2_G10	ZM_141_B2_G10_T7C	
69628	ZM_141_B2_G10		ZM_141_B2_G10_MR
69629	ZM_141_B2_G11	ZM_141_B2_G11_T7C	
69630	ZM_141_B2_G11		ZM_141_B2_G11_MR
69631	ZM_141_B2_G12	ZM_141_B2_G12_T7C	
69632	ZM_141_B2_G12		ZM_141_B2_G12_MR
69633	ZM_141_B2_H01	ZM_141_B2_H01_T7C	
69634	ZM_141_B2_H01		ZM_141_B2_H01_MR
69635	ZM_141_B2_H02		ZM_141_B2_H02_MR
69636	ZM_141_B2_H03		ZM_141_B2_H03_MR
69637	ZM_141_B2_H04		ZM_141_B2_H04_MR
69638	ZM_141_B2_H05	ZM_141_B2_H05_T7C	
69639	ZM_141_B2_H05		ZM_141_B2_H05_MR
69640	ZM_141_B2_H06	ZM_141_B2_H06_T7C	
69641	ZM_141_B2_H06		ZM_141_B2_H06_MR
69642	ZM_141_B2_H07	ZM_141_B2_H07_T7C	
69643	ZM_141_B2_H07		ZM_141_B2_H07_MR
69644	ZM_141_B2_H08	ZM_141_B2_H08_T7C	
69645	ZM_141_B2_H08		ZM_141_B2_H08_MR
69646	ZM_141_B2_H09	ZM_141_B2_H09_T7C	
69647	ZM_141_B2_H09		ZM_141_B2_H09_MR
69648	ZM_141_B2_H10	ZM_141_B2_H10_T7C	
69649	ZM_141_B2_H10		ZM_141_B2_H10_MR
69650	ZM_141_B2_H11	ZM_141_B2_H11_T7C	
69651	ZM_141_B2_H11		ZM_141_B2_H11_MR
69652	ZM_141_B2_H12	ZM_141_B2_H12_T7C	
69653	ZM_141_B2_H12		ZM_141_B2_H12_MR
69654	ZM_142_B1_A01		ZM_142_B1_A01_MR
69655	ZM_142_B1_A03		ZM_142_B1_A03_MR
69656	ZM_142_B1_A04	ZM_142_B1_A04_T7C	
69657	ZM_142_B1_A04		ZM_142_B1_A04_MR
69658	ZM_142_B1_A05	ZM_142_B1_A05_T7C	
69659	ZM_142_B1_A05		ZM_142_B1_A05_MR
69660	ZM_142_B1_A06	ZM_142_B1_A06_T7C	
69661	ZM_142_B1_A06		ZM_142_B1_A06_MR
69662	ZM_142_B1_A07		ZM_142_B1_A07_MR
69663	ZM_142_B1_A08		ZM_142_B1_A08_MR
69664	ZM_142_B1_A09	ZM_142_B1_A09_T7C	
69665	ZM_142_B1_A09		ZM_142_B1_A09_MR
69666	ZM_142_B1_A10		ZM_142_B1_A10_MR
69667	ZM_142_B1_A11		ZM_142_B1_A11_MR
69668	ZM_142_B1_A12	ZM_142_B1_A12_T7C	
69669	ZM_142_B1_A12		ZM_142_B1_A12_MR
69670	ZM_142_B1_B01	ZM_142_B1_B01_T7C	
69671	ZM_142_B1_B01		ZM_142_B1_B01_MR
69672	ZM_142_B1_B02	ZM_142_B1_B02_T7C	
69673	ZM_142_B1_B02		ZM_142_B1_B02_MR
69674	ZM_142_B1_B04	ZM_142_B1_B04_T7C	
69675	ZM_142_B1_B04		ZM_142_B1_B04_MR
69676	ZM_142_B1_B05	ZM_142_B1_B05_T7C	
69677	ZM_142_B1_B05		ZM_142_B1_B05_MR
69678	ZM_142_B1_B06		ZM_142_B1_B06_MR
69679	ZM_142_B1_B07	ZM_142_B1_B07_T7C	
69680	ZM_142_B1_B07		ZM_142_B1_B07_MR
69681	ZM_142_B1_B08	ZM_142_B1_B08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69682	ZM_142_B1_B09	ZM_142_B1_B09_T7C	
69683	ZM_142_B1_B09		ZM_142_B1_B09_MR
69684	ZM_142_B1_B10	ZM_142_B1_B10_T7C	
69685	ZM_142_B1_B10		ZM_142_B1_B10_MR
69686	ZM_142_B1_B11	ZM_142_B1_B11_T7C	
69687	ZM_142_B1_B11		ZM_142_B1_B11_MR
69688	ZM_142_B1_C01	ZM_142_B1_C01_T7C	
69689	ZM_142_B1_C01		ZM_142_B1_C01_MR
69690	ZM_142_B1_C02		ZM_142_B1_C02_MR
69691	ZM_142_B1_C03	ZM_142_B1_C03_T7C	
69692	ZM_142_B1_C03		ZM_142_B1_C03_MR
69693	ZM_142_B1_C04	ZM_142_B1_C04_T7C	
69694	ZM_142_B1_C04		ZM_142_B1_C04_MR
69695	ZM_142_B1_C05	ZM_142_B1_C05_T7C	
69696	ZM_142_B1_C05		ZM_142_B1_C05_MR
69697	ZM_142_B1_C06	ZM_142_B1_C06_T7C	
69698	ZM_142_B1_C06		ZM_142_B1_C06_MR
69699	ZM_142_B1_C07	ZM_142_B1_C07_T7C	
69700	ZM_142_B1_C07		ZM_142_B1_C07_MR
69701	ZM_142_B1_C08	ZM_142_B1_C08_T7C	
69702	ZM_142_B1_C08		ZM_142_B1_C08_MR
69703	ZM_142_B1_C09		ZM_142_B1_C09_MR
69704	ZM_142_B1_C10	ZM_142_B1_C10_T7C	
69705	ZM_142_B1_C10		ZM_142_B1_C10_MR
69706	ZM_142_B1_C11	ZM_142_B1_C11_T7C	
69707	ZM_142_B1_C11		ZM_142_B1_C11_MR
69708	ZM_142_B1_C12	ZM_142_B1_C12_T7C	
69709	ZM_142_B1_C12		ZM_142_B1_C12_MR
69710	ZM_142_B1_D01	ZM_142_B1_D01_T7C	
69711	ZM_142_B1_D01		ZM_142_B1_D01_MR
69712	ZM_142_B1_D02	ZM_142_B1_D02_T7C	
69713	ZM_142_B1_D02		ZM_142_B1_D02_MR
69714	ZM_142_B1_D03	ZM_142_B1_D03_T7C	
69715	ZM_142_B1_D03		ZM_142_B1_D03_MR
69716	ZM_142_B1_D04	ZM_142_B1_D04_T7C	
69717	ZM_142_B1_D04		ZM_142_B1_D04_MR
69718	ZM_142_B1_D05		ZM_142_B1_D05_MR
69719	ZM_142_B1_D06	ZM_142_B1_D06_T7C	
69720	ZM_142_B1_D06		ZM_142_B1_D06_MR
69721	ZM_142_B1_D08		ZM_142_B1_D08_MR
69722	ZM_142_B1_D09	ZM_142_B1_D09_T7C	
69723	ZM_142_B1_D09		ZM_142_B1_D09_MR
69724	ZM_142_B1_D10	ZM_142_B1_D10_T7C	
69725	ZM_142_B1_D10		ZM_142_B1_D10_MR
69726	ZM_142_B1_D11	ZM_142_B1_D11_T7C	
69727	ZM_142_B1_D11		ZM_142_B1_D11_MR
69728	ZM_142_B1_D12	ZM_142_B1_D12_T7C	
69729	ZM_142_B1_D12		ZM_142_B1_D12_MR
69730	ZM_142_B1_E01		ZM_142_B1_E01_MR
69731	ZM_142_B1_E02	ZM_142_B1_E02_T7C	
69732	ZM_142_B1_E02		ZM_142_B1_E02_MR
69733	ZM_142_B1_E03		ZM_142_B1_E03_MR
69734	ZM_142_B1_E04		ZM_142_B1_E04_MR
69735	ZM_142_B1_E05	ZM_142_B1_E05_T7C	
69736	ZM_142_B1_E05		ZM_142_B1_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69737	ZM_142_B1_E06	ZM_142_B1_E06_T7C	
69738	ZM_142_B1_E06		ZM_142_B1_E06_MR
69739	ZM_142_B1_E07	ZM_142_B1_E07_T7C	
69740	ZM_142_B1_E07		ZM_142_B1_E07_MR
69741	ZM_142_B1_E08	ZM_142_B1_E08_T7C	
69742	ZM_142_B1_E08		ZM_142_B1_E08_MR
69743	ZM_142_B1_E09		ZM_142_B1_E09_MR
69744	ZM_142_B1_E10	ZM_142_B1_E10_T7C	
69745	ZM_142_B1_E10		ZM_142_B1_E10_MR
69746	ZM_142_B1_E11		ZM_142_B1_E11_MR
69747	ZM_142_B1_E12	ZM_142_B1_E12_T7C	
69748	ZM_142_B1_E12		ZM_142_B1_E12_MR
69749	ZM_142_B1_F01	ZM_142_B1_F01_T7C	
69750	ZM_142_B1_F01		ZM_142_B1_F01_MR
69751	ZM_142_B1_F02		ZM_142_B1_F02_MR
69752	ZM_142_B1_F03		ZM_142_B1_F03_MR
69753	ZM_142_B1_F04		ZM_142_B1_F04_MR
69754	ZM_142_B1_F05		ZM_142_B1_F05_MR
69755	ZM_142_B1_F06		ZM_142_B1_F06_MR
69756	ZM_142_B1_F07	ZM_142_B1_F07_T7C	
69757	ZM_142_B1_F07		ZM_142_B1_F07_MR
69758	ZM_142_B1_F08		ZM_142_B1_F08_MR
69759	ZM_142_B1_F09	ZM_142_B1_F09_T7C	
69760	ZM_142_B1_F09		ZM_142_B1_F09_MR
69761	ZM_142_B1_F10	ZM_142_B1_F10_T7C	
69762	ZM_142_B1_F10		ZM_142_B1_F10_MR
69763	ZM_142_B1_F11	ZM_142_B1_F11_T7C	
69764	ZM_142_B1_F11		ZM_142_B1_F11_MR
69765	ZM_142_B1_F12	ZM_142_B1_F12_T7C	
69766	ZM_142_B1_F12		ZM_142_B1_F12_MR
69767	ZM_142_B1_G01	ZM_142_B1_G01_T7C	
69768	ZM_142_B1_G01		ZM_142_B1_G01_MR
69769	ZM_142_B1_G03	ZM_142_B1_G03_T7C	
69770	ZM_142_B1_G03		ZM_142_B1_G03_MR
69771	ZM_142_B1_G04		ZM_142_B1_G04_MR
69772	ZM_142_B1_G05		ZM_142_B1_G05_MR
69773	ZM_142_B1_G06	ZM_142_B1_G06_T7C	
69774	ZM_142_B1_G06		ZM_142_B1_G06_MR
69775	ZM_142_B1_G07	ZM_142_B1_G07_T7C	
69776	ZM_142_B1_G08	ZM_142_B1_G08_T7C	
69777	ZM_142_B1_G08		ZM_142_B1_G08_MR
69778	ZM_142_B1_G09	ZM_142_B1_G09_T7C	
69779	ZM_142_B1_G09		ZM_142_B1_G09_MR
69780	ZM_142_B1_G10		ZM_142_B1_G10_MR
69781	ZM_142_B1_G11	ZM_142_B1_G11_T7C	
69782	ZM_142_B1_G11		ZM_142_B1_G11_MR
69783	ZM_142_B1_G12	ZM_142_B1_G12_T7C	
69784	ZM_142_B1_G12		ZM_142_B1_G12_MR
69785	ZM_142_B1_H01	ZM_142_B1_H01_T7C	
69786	ZM_142_B1_H01		ZM_142_B1_H01_MR
69787	ZM_142_B1_H02	ZM_142_B1_H02_T7C	
69788	ZM_142_B1_H02		ZM_142_B1_H02_MR
69789	ZM_142_B1_H03		ZM_142_B1_H03_MR
69790	ZM_142_B1_H04	ZM_142_B1_H04_T7C	
69791	ZM_142_B1_H04		ZM_142_B1_H04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69792	ZM_142_B1_H05	ZM_142_B1_H05_T7C	
69793	ZM_142_B1_H05		ZM_142_B1_H05_MR
69794	ZM_142_B1_H06	ZM_142_B1_H06_T7C	
69795	ZM_142_B1_H06		ZM_142_B1_H06_MR
69796	ZM_142_B1_H07		ZM_142_B1_H07_MR
69797	ZM_142_B1_H08		ZM_142_B1_H08_MR
69798	ZM_142_B1_H09	ZM_142_B1_H09_T7C	
69799	ZM_142_B1_H09		ZM_142_B1_H09_MR
69800	ZM_142_B1_H11	ZM_142_B1_H11_T7C	
69801	ZM_142_B1_H11		ZM_142_B1_H11_MR
69802	ZM_142_B1_H12		ZM_142_B1_H12_MR
69803	ZM_142_B2_A01		ZM_142_B2_A01_MR
69804	ZM_142_B2_A02	ZM_142_B2_A02_T7C	
69805	ZM_142_B2_A02		ZM_142_B2_A02_MR
69806	ZM_142_B2_A03	ZM_142_B2_A03_T7C	
69807	ZM_142_B2_A04	ZM_142_B2_A04_T7C	
69808	ZM_142_B2_A04		ZM_142_B2_A04_MR
69809	ZM_142_B2_A05	ZM_142_B2_A05_T7C	
69810	ZM_142_B2_A05		ZM_142_B2_A05_MR
69811	ZM_142_B2_A06	ZM_142_B2_A06_T7C	
69812	ZM_142_B2_A06		ZM_142_B2_A06_MR
69813	ZM_142_B2_A08	ZM_142_B2_A08_T7C	
69814	ZM_142_B2_A08		ZM_142_B2_A08_MR
69815	ZM_142_B2_A09	ZM_142_B2_A09_T7C	
69816	ZM_142_B2_A09		ZM_142_B2_A09_MR
69817	ZM_142_B2_A10	ZM_142_B2_A10_T7C	
69818	ZM_142_B2_A10		ZM_142_B2_A10_MR
69819	ZM_142_B2_A11	ZM_142_B2_A11_T7C	
69820	ZM_142_B2_A11		ZM_142_B2_A11_MR
69821	ZM_142_B2_B01		ZM_142_B2_B01_MR
69822	ZM_142_B2_B02	ZM_142_B2_B02_T7C	
69823	ZM_142_B2_B02		ZM_142_B2_B02_MR
69824	ZM_142_B2_B03	ZM_142_B2_B03_T7C	
69825	ZM_142_B2_B03		ZM_142_B2_B03_MR
69826	ZM_142_B2_B04	ZM_142_B2_B04_T7C	
69827	ZM_142_B2_B04		ZM_142_B2_B04_MR
69828	ZM_142_B2_B05	ZM_142_B2_B05_T7C	
69829	ZM_142_B2_B05		ZM_142_B2_B05_MR
69830	ZM_142_B2_B06	ZM_142_B2_B06_T7C	
69831	ZM_142_B2_B06		ZM_142_B2_B06_MR
69832	ZM_142_B2_B07	ZM_142_B2_B07_T7C	
69833	ZM_142_B2_B07		ZM_142_B2_B07_MR
69834	ZM_142_B2_B08	ZM_142_B2_B08_T7C	
69835	ZM_142_B2_B08		ZM_142_B2_B08_MR
69836	ZM_142_B2_B09	ZM_142_B2_B09_T7C	
69837	ZM_142_B2_B09		ZM_142_B2_B09_MR
69838	ZM_142_B2_B10	ZM_142_B2_B10_T7C	
69839	ZM_142_B2_B10		ZM_142_B2_B10_MR
69840	ZM_142_B2_B11	ZM_142_B2_B11_T7C	
69841	ZM_142_B2_B11		ZM_142_B2_B11_MR
69842	ZM_142_B2_B12	ZM_142_B2_B12_T7C	
69843	ZM_142_B2_B12		ZM_142_B2_B12_MR
69844	ZM_142_B2_C01	ZM_142_B2_C01_T7C	
69845	ZM_142_B2_C02	ZM_142_B2_C02_T7C	
69846	ZM_142_B2_C03	ZM_142_B2_C03_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69847	ZM_142_B2_C03		ZM_142_B2_C03_MR
69848	ZM_142_B2_C04	ZM_142_B2_C04_T7C	
69849	ZM_142_B2_C04		ZM_142_B2_C04_MR
69850	ZM_142_B2_C05	ZM_142_B2_C05_T7C	
69851	ZM_142_B2_C05		ZM_142_B2_C05_MR
69852	ZM_142_B2_C06		ZM_142_B2_C06_MR
69853	ZM_142_B2_C07	ZM_142_B2_C07_T7C	
69854	ZM_142_B2_C07		ZM_142_B2_C07_MR
69855	ZM_142_B2_C08	ZM_142_B2_C08_T7C	
69856	ZM_142_B2_C08		ZM_142_B2_C08_MR
69857	ZM_142_B2_C09	ZM_142_B2_C09_T7C	
69858	ZM_142_B2_C09		ZM_142_B2_C09_MR
69859	ZM_142_B2_C10	ZM_142_B2_C10_T7C	
69860	ZM_142_B2_C10		ZM_142_B2_C10_MR
69861	ZM_142_B2_C11	ZM_142_B2_C11_T7C	
69862	ZM_142_B2_C11		ZM_142_B2_C11_MR
69863	ZM_142_B2_C12		ZM_142_B2_C12_MR
69864	ZM_142_B2_D01	ZM_142_B2_D01_T7C	
69865	ZM_142_B2_D02	ZM_142_B2_D02_T7C	
69866	ZM_142_B2_D02		ZM_142_B2_D02_MR
69867	ZM_142_B2_D03		ZM_142_B2_D03_MR
69868	ZM_142_B2_D04		ZM_142_B2_D04_MR
69869	ZM_142_B2_D05	ZM_142_B2_D05_T7C	
69870	ZM_142_B2_D05		ZM_142_B2_D05_MR
69871	ZM_142_B2_D06	ZM_142_B2_D06_T7C	
69872	ZM_142_B2_D06		ZM_142_B2_D06_MR
69873	ZM_142_B2_D07	ZM_142_B2_D07_T7C	
69874	ZM_142_B2_D08	ZM_142_B2_D08_T7C	
69875	ZM_142_B2_D08		ZM_142_B2_D08_MR
69876	ZM_142_B2_D09	ZM_142_B2_D09_T7C	
69877	ZM_142_B2_D09		ZM_142_B2_D09_MR
69878	ZM_142_B2_D10	ZM_142_B2_D10_T7C	
69879	ZM_142_B2_D10		ZM_142_B2_D10_MR
69880	ZM_142_B2_D11	ZM_142_B2_D11_T7C	
69881	ZM_142_B2_D11		ZM_142_B2_D11_MR
69882	ZM_142_B2_D12	ZM_142_B2_D12_T7C	
69883	ZM_142_B2_D12		ZM_142_B2_D12_MR
69884	ZM_142_B2_E01	ZM_142_B2_E01_T7C	
69885	ZM_142_B2_E02	ZM_142_B2_E02_T7C	
69886	ZM_142_B2_E02		ZM_142_B2_E02_MR
69887	ZM_142_B2_E04	ZM_142_B2_E04_T7C	
69888	ZM_142_B2_E04		ZM_142_B2_E04_MR
69889	ZM_142_B2_E05	ZM_142_B2_E05_T7C	
69890	ZM_142_B2_E05		ZM_142_B2_E05_MR
69891	ZM_142_B2_E06	ZM_142_B2_E06_T7C	
69892	ZM_142_B2_E06		ZM_142_B2_E06_MR
69893	ZM_142_B2_E07		ZM_142_B2_E07_MR
69894	ZM_142_B2_E08	ZM_142_B2_E08_T7C	
69895	ZM_142_B2_E08		ZM_142_B2_E08_MR
69896	ZM_142_B2_E09	ZM_142_B2_E09_T7C	
69897	ZM_142_B2_E09		ZM_142_B2_E09_MR
69898	ZM_142_B2_E10		ZM_142_B2_E10_MR
69899	ZM_142_B2_E11	ZM_142_B2_E11_T7C	
69900	ZM_142_B2_E11		ZM_142_B2_E11_MR
69901	ZM_142_B2_E12	ZM_142_B2_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69902	ZM_142_B2_E12		ZM_142_B2_E12_MR
69903	ZM_142_B2_F01	ZM_142_B2_F01_T7C	
69904	ZM_142_B2_F02	ZM_142_B2_F02_T7C	
69905	ZM_142_B2_F02		ZM_142_B2_F02_MR
69906	ZM_142_B2_F03	ZM_142_B2_F03_T7C	
69907	ZM_142_B2_F03		ZM_142_B2_F03_MR
69908	ZM_142_B2_F04	ZM_142_B2_F04_T7C	
69909	ZM_142_B2_F04		ZM_142_B2_F04_MR
69910	ZM_142_B2_F05	ZM_142_B2_F05_T7C	
69911	ZM_142_B2_F05		ZM_142_B2_F05_MR
69912	ZM_142_B2_F06	ZM_142_B2_F06_T7C	
69913	ZM_142_B2_F06		ZM_142_B2_F06_MR
69914	ZM_142_B2_F07		ZM_142_B2_F07_MR
69915	ZM_142_B2_F08		ZM_142_B2_F08_MR
69916	ZM_142_B2_F09	ZM_142_B2_F09_T7C	
69917	ZM_142_B2_F10	ZM_142_B2_F10_T7C	
69918	ZM_142_B2_F10		ZM_142_B2_F10_MR
69919	ZM_142_B2_F11	ZM_142_B2_F11_T7C	
69920	ZM_142_B2_G01	ZM_142_B2_G01_T7C	
69921	ZM_142_B2_G02	ZM_142_B2_G02_T7C	
69922	ZM_142_B2_G02		ZM_142_B2_G02_MR
69923	ZM_142_B2_G03	ZM_142_B2_G03_T7C	
69924	ZM_142_B2_G03		ZM_142_B2_G03_MR
69925	ZM_142_B2_G04	ZM_142_B2_G04_T7C	
69926	ZM_142_B2_G04		ZM_142_B2_G04_MR
69927	ZM_142_B2_G05	ZM_142_B2_G05_T7C	
69928	ZM_142_B2_G05		ZM_142_B2_G05_MR
69929	ZM_142_B2_G06	ZM_142_B2_G06_T7C	
69930	ZM_142_B2_G06		ZM_142_B2_G06_MR
69931	ZM_142_B2_G07	ZM_142_B2_G07_T7C	
69932	ZM_142_B2_G07		ZM_142_B2_G07_MR
69933	ZM_142_B2_G08		ZM_142_B2_G08_MR
69934	ZM_142_B2_G09	ZM_142_B2_G09_T7C	
69935	ZM_142_B2_G09		ZM_142_B2_G09_MR
69936	ZM_142_B2_G10	ZM_142_B2_G10_T7C	
69937	ZM_142_B2_G10		ZM_142_B2_G10_MR
69938	ZM_142_B2_G11	ZM_142_B2_G11_T7C	
69939	ZM_142_B2_G11		ZM_142_B2_G11_MR
69940	ZM_142_B2_G12	ZM_142_B2_G12_T7C	
69941	ZM_142_B2_G12		ZM_142_B2_G12_MR
69942	ZM_142_B2_H01	ZM_142_B2_H01_T7C	
69943	ZM_142_B2_H02	ZM_142_B2_H02_T7C	
69944	ZM_142_B2_H02		ZM_142_B2_H02_MR
69945	ZM_142_B2_H04	ZM_142_B2_H04_T7C	
69946	ZM_142_B2_H04		ZM_142_B2_H04_MR
69947	ZM_142_B2_H05	ZM_142_B2_H05_T7C	
69948	ZM_142_B2_H05		ZM_142_B2_H05_MR
69949	ZM_142_B2_H06		ZM_142_B2_H06_MR
69950	ZM_142_B2_H07	ZM_142_B2_H07_T7C	
69951	ZM_142_B2_H07		ZM_142_B2_H07_MR
69952	ZM_142_B2_H08	ZM_142_B2_H08_T7C	
69953	ZM_142_B2_H08		ZM_142_B2_H08_MR
69954	ZM_142_B2_H09	ZM_142_B2_H09_T7C	
69955	ZM_142_B2_H09		ZM_142_B2_H09_MR
69956	ZM_142_B2_H10	ZM_142_B2_H10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
69957	ZM_142_B2_H10		ZM_142_B2_H10_MR
69958	ZM_142_B2_H11	ZM_142_B2_H11_T7C	
69959	ZM_142_B2_H11		ZM_142_B2_H11_MR
69960	ZM_142_B2_H12	ZM_142_B2_H12_T7C	
69961	ZM_142_B2_H12		ZM_142_B2_H12_MR
69962	ZM_143_A2_A01		ZM_143_A2_A01_MR
69963	ZM_143_A2_A02		ZM_143_A2_A02_MR
69964	ZM_143_A2_A03		ZM_143_A2_A03_MR
69965	ZM_143_A2_A04		ZM_143_A2_A04_MR
69966	ZM_143_A2_A05		ZM_143_A2_A05_MR
69967	ZM_143_A2_A06		ZM_143_A2_A06_MR
69968	ZM_143_A2_A07		ZM_143_A2_A07_MR
69969	ZM_143_A2_A08		ZM_143_A2_A08_MR
69970	ZM_143_A2_A09		ZM_143_A2_A09_MR
69971	ZM_143_A2_A10		ZM_143_A2_A10_MR
69972	ZM_143_A2_A11		ZM_143_A2_A11_MR
69973	ZM_143_A2_A12		ZM_143_A2_A12_MR
69974	ZM_143_A2_B01		ZM_143_A2_B01_MR
69975	ZM_143_A2_B02		ZM_143_A2_B02_MR
69976	ZM_143_A2_B03		ZM_143_A2_B03_MR
69977	ZM_143_A2_B04		ZM_143_A2_B04_MR
69978	ZM_143_A2_B05		ZM_143_A2_B05_MR
69979	ZM_143_A2_B06		ZM_143_A2_B06_MR
69980	ZM_143_A2_B07		ZM_143_A2_B07_MR
69981	ZM_143_A2_B08		ZM_143_A2_B08_MR
69982	ZM_143_A2_B09		ZM_143_A2_B09_MR
69983	ZM_143_A2_B10		ZM_143_A2_B10_MR
69984	ZM_143_A2_B11		ZM_143_A2_B11_MR
69985	ZM_143_A2_B12		ZM_143_A2_B12_MR
69986	ZM_143_A2_C01		ZM_143_A2_C01_MR
69987	ZM_143_A2_C02		ZM_143_A2_C02_MR
69988	ZM_143_A2_C03		ZM_143_A2_C03_MR
69989	ZM_143_A2_C04		ZM_143_A2_C04_MR
69990	ZM_143_A2_C05		ZM_143_A2_C05_MR
69991	ZM_143_A2_C06		ZM_143_A2_C06_MR
69992	ZM_143_A2_C07		ZM_143_A2_C07_MR
69993	ZM_143_A2_C08		ZM_143_A2_C08_MR
69994	ZM_143_A2_C09		ZM_143_A2_C09_MR
69995	ZM_143_A2_C10		ZM_143_A2_C10_MR
69996	ZM_143_A2_C11		ZM_143_A2_C11_MR
69997	ZM_143_A2_C12		ZM_143_A2_C12_MR
69998	ZM_143_A2_D02		ZM_143_A2_D02_MR
69999	ZM_143_A2_D03		ZM_143_A2_D03_MR
70000	ZM_143_A2_D04		ZM_143_A2_D04_MR
70001	ZM_143_A2_D06		ZM_143_A2_D06_MR
70002	ZM_143_A2_D07		ZM_143_A2_D07_MR
70003	ZM_143_A2_D08		ZM_143_A2_D08_MR
70004	ZM_143_A2_D09		ZM_143_A2_D09_MR
70005	ZM_143_A2_D10		ZM_143_A2_D10_MR
70006	ZM_143_A2_D11		ZM_143_A2_D11_MR
70007	ZM_143_A2_D12		ZM_143_A2_D12_MR
70008	ZM_143_A2_E01		ZM_143_A2_E01_MR
70009	ZM_143_A2_E02		ZM_143_A2_E02_MR
70010	ZM_143_A2_E04		ZM_143_A2_E04_MR
70011	ZM_143_A2_E05		ZM_143_A2_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70012	ZM_143_A2_E06		ZM_143_A2_E06_MR
70013	ZM_143_A2_E07		ZM_143_A2_E07_MR
70014	ZM_143_A2_E09		ZM_143_A2_E09_MR
70015	ZM_143_A2_E10		ZM_143_A2_E10_MR
70016	ZM_143_A2_E11		ZM_143_A2_E11_MR
70017	ZM_143_A2_E12		ZM_143_A2_E12_MR
70018	ZM_143_A2_F01		ZM_143_A2_F01_MR
70019	ZM_143_A2_F02		ZM_143_A2_F02_MR
70020	ZM_143_A2_F03		ZM_143_A2_F03_MR
70021	ZM_143_A2_F04		ZM_143_A2_F04_MR
70022	ZM_143_A2_F05		ZM_143_A2_F05_MR
70023	ZM_143_A2_F07		ZM_143_A2_F07_MR
70024	ZM_143_A2_F08		ZM_143_A2_F08_MR
70025	ZM_143_A2_F09		ZM_143_A2_F09_MR
70026	ZM_143_A2_F12		ZM_143_A2_F12_MR
70027	ZM_143_A2_G01		ZM_143_A2_G01_MR
70028	ZM_143_A2_G02		ZM_143_A2_G02_MR
70029	ZM_143_A2_G03		ZM_143_A2_G03_MR
70030	ZM_143_A2_G04		ZM_143_A2_G04_MR
70031	ZM_143_A2_G05		ZM_143_A2_G05_MR
70032	ZM_143_A2_G07		ZM_143_A2_G07_MR
70033	ZM_143_A2_G09		ZM_143_A2_G09_MR
70034	ZM_143_A2_G10		ZM_143_A2_G10_MR
70035	ZM_143_A2_G11		ZM_143_A2_G11_MR
70036	ZM_143_A2_G12		ZM_143_A2_G12_MR
70037	ZM_143_A2_H01		ZM_143_A2_H01_MR
70038	ZM_143_A2_H02		ZM_143_A2_H02_MR
70039	ZM_143_A2_H03		ZM_143_A2_H03_MR
70040	ZM_143_A2_H04		ZM_143_A2_H04_MR
70041	ZM_143_A2_H05		ZM_143_A2_H05_MR
70042	ZM_143_A2_H06		ZM_143_A2_H06_MR
70043	ZM_143_A2_H07		ZM_143_A2_H07_MR
70044	ZM_143_A2_H08		ZM_143_A2_H08_MR
70045	ZM_143_A2_H09		ZM_143_A2_H09_MR
70046	ZM_143_A2_H10		ZM_143_A2_H10_MR
70047	ZM_143_A2_H11		ZM_143_A2_H11_MR
70048	ZM_143_A2_H12		ZM_143_A2_H12_MR
70049	ZM_144_A1_A01		ZM_144_A1_A01_MR
70050	ZM_144_A1_A02		ZM_144_A1_A02_MR
70051	ZM_144_A1_A03		ZM_144_A1_A03_MR
70052	ZM_144_A1_A04		ZM_144_A1_A04_MR
70053	ZM_144_A1_A05		ZM_144_A1_A05_MR
70054	ZM_144_A1_A06		ZM_144_A1_A06_MR
70055	ZM_144_A1_A07		ZM_144_A1_A07_MR
70056	ZM_144_A1_A08		ZM_144_A1_A08_MR
70057	ZM_144_A1_A09		ZM_144_A1_A09_MR
70058	ZM_144_A1_A10		ZM_144_A1_A10_MR
70059	ZM_144_A1_A11		ZM_144_A1_A11_MR
70060	ZM_144_A1_A12		ZM_144_A1_A12_MR
70061	ZM_144_A1_B01		ZM_144_A1_B01_MR
70062	ZM_144_A1_B02		ZM_144_A1_B02_MR
70063	ZM_144_A1_B03		ZM_144_A1_B03_MR
70064	ZM_144_A1_B04		ZM_144_A1_B04_MR
70065	ZM_144_A1_B05		ZM_144_A1_B05_MR
70066	ZM_144_A1_B06		ZM_144_A1_B06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70067	ZM_144_A1_B07		ZM_144_A1_B07_MR
70068	ZM_144_A1_B08		ZM_144_A1_B08_MR
70069	ZM_144_A1_B09		ZM_144_A1_B09_MR
70070	ZM_144_A1_B10		ZM_144_A1_B10_MR
70071	ZM_144_A1_B11		ZM_144_A1_B11_MR
70072	ZM_144_A1_B12		ZM_144_A1_B12_MR
70073	ZM_144_A1_C01		ZM_144_A1_C01_MR
70074	ZM_144_A1_C02		ZM_144_A1_C02_MR
70075	ZM_144_A1_C03		ZM_144_A1_C03_MR
70076	ZM_144_A1_C04		ZM_144_A1_C04_MR
70077	ZM_144_A1_C05		ZM_144_A1_C05_MR
70078	ZM_144_A1_C06		ZM_144_A1_C06_MR
70079	ZM_144_A1_C07		ZM_144_A1_C07_MR
70080	ZM_144_A1_C08		ZM_144_A1_C08_MR
70081	ZM_144_A1_C09		ZM_144_A1_C09_MR
70082	ZM_144_A1_C10		ZM_144_A1_C10_MR
70083	ZM_144_A1_C11		ZM_144_A1_C11_MR
70084	ZM_144_A1_D01		ZM_144_A1_D01_MR
70085	ZM_144_A1_D02		ZM_144_A1_D02_MR
70086	ZM_144_A1_D04		ZM_144_A1_D04_MR
70087	ZM_144_A1_D06		ZM_144_A1_D06_MR
70088	ZM_144_A1_D07		ZM_144_A1_D07_MR
70089	ZM_144_A1_D08		ZM_144_A1_D08_MR
70090	ZM_144_A1_D09		ZM_144_A1_D09_MR
70091	ZM_144_A1_D10		ZM_144_A1_D10_MR
70092	ZM_144_A1_D11		ZM_144_A1_D11_MR
70093	ZM_144_A1_D12		ZM_144_A1_D12_MR
70094	ZM_144_A1_E01		ZM_144_A1_E01_MR
70095	ZM_144_A1_E02		ZM_144_A1_E02_MR
70096	ZM_144_A1_E03		ZM_144_A1_E03_MR
70097	ZM_144_A1_E04		ZM_144_A1_E04_MR
70098	ZM_144_A1_E05		ZM_144_A1_E05_MR
70099	ZM_144_A1_E06		ZM_144_A1_E06_MR
70100	ZM_144_A1_E07		ZM_144_A1_E07_MR
70101	ZM_144_A1_F01		ZM_144_A1_F01_MR
70102	ZM_144_A1_F02		ZM_144_A1_F02_MR
70103	ZM_144_A1_F04		ZM_144_A1_F04_MR
70104	ZM_144_A1_F05		ZM_144_A1_F05_MR
70105	ZM_144_A1_F06		ZM_144_A1_F06_MR
70106	ZM_144_A1_F07		ZM_144_A1_F07_MR
70107	ZM_144_A1_F08		ZM_144_A1_F08_MR
70108	ZM_144_A1_F09		ZM_144_A1_F09_MR
70109	ZM_144_A1_F10		ZM_144_A1_F10_MR
70110	ZM_144_A1_F11		ZM_144_A1_F11_MR
70111	ZM_144_A1_F12		ZM_144_A1_F12_MR
70112	ZM_144_A1_G01		ZM_144_A1_G01_MR
70113	ZM_144_A1_G03		ZM_144_A1_G03_MR
70114	ZM_144_A1_G04		ZM_144_A1_G04_MR
70115	ZM_144_A1_G05		ZM_144_A1_G05_MR
70116	ZM_144_A1_G06		ZM_144_A1_G06_MR
70117	ZM_144_A1_G07		ZM_144_A1_G07_MR
70118	ZM_144_A1_G08		ZM_144_A1_G08_MR
70119	ZM_144_A1_G09		ZM_144_A1_G09_MR
70120	ZM_144_A1_G10		ZM_144_A1_G10_MR
70121	ZM_144_A1_G11		ZM_144_A1_G11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70122	ZM_144_A1_G12		ZM_144_A1_G12_MR
70123	ZM_144_A1_H01		ZM_144_A1_H01_MR
70124	ZM_144_A1_H02		ZM_144_A1_H02_MR
70125	ZM_144_A1_H03		ZM_144_A1_H03_MR
70126	ZM_144_A1_H04		ZM_144_A1_H04_MR
70127	ZM_144_A1_H06		ZM_144_A1_H06_MR
70128	ZM_144_A1_H07		ZM_144_A1_H07_MR
70129	ZM_144_A1_H08		ZM_144_A1_H08_MR
70130	ZM_144_A1_H09		ZM_144_A1_H09_MR
70131	ZM_144_A1_H10		ZM_144_A1_H10_MR
70132	ZM_144_A1_H11		ZM_144_A1_H11_MR
70133	ZM_144_A1_H12		ZM_144_A1_H12_MR
70134	ZM_145_A1_A01		ZM_145_A1_A01_MR
70135	ZM_145_A1_A03		ZM_145_A1_A03_MR
70136	ZM_145_A1_A04		ZM_145_A1_A04_MR
70137	ZM_145_A1_A05		ZM_145_A1_A05_MR
70138	ZM_145_A1_A06		ZM_145_A1_A06_MR
70139	ZM_145_A1_A07		ZM_145_A1_A07_MR
70140	ZM_145_A1_A08		ZM_145_A1_A08_MR
70141	ZM_145_A1_A09		ZM_145_A1_A09_MR
70142	ZM_145_A1_A11		ZM_145_A1_A11_MR
70143	ZM_145_A1_A12		ZM_145_A1_A12_MR
70144	ZM_145_A1_B01		ZM_145_A1_B01_MR
70145	ZM_145_A1_B02		ZM_145_A1_B02_MR
70146	ZM_145_A1_B03		ZM_145_A1_B03_MR
70147	ZM_145_A1_B04		ZM_145_A1_B04_MR
70148	ZM_145_A1_B05		ZM_145_A1_B05_MR
70149	ZM_145_A1_B06		ZM_145_A1_B06_MR
70150	ZM_145_A1_B07		ZM_145_A1_B07_MR
70151	ZM_145_A1_B09		ZM_145_A1_B09_MR
70152	ZM_145_A1_B11		ZM_145_A1_B11_MR
70153	ZM_145_A1_B12		ZM_145_A1_B12_MR
70154	ZM_145_A1_C01		ZM_145_A1_C01_MR
70155	ZM_145_A1_C02		ZM_145_A1_C02_MR
70156	ZM_145_A1_C03		ZM_145_A1_C03_MR
70157	ZM_145_A1_C04		ZM_145_A1_C04_MR
70158	ZM_145_A1_C05		ZM_145_A1_C05_MR
70159	ZM_145_A1_C06		ZM_145_A1_C06_MR
70160	ZM_145_A1_C07		ZM_145_A1_C07_MR
70161	ZM_145_A1_C08		ZM_145_A1_C08_MR
70162	ZM_145_A1_C09		ZM_145_A1_C09_MR
70163	ZM_145_A1_C10		ZM_145_A1_C10_MR
70164	ZM_145_A1_C11		ZM_145_A1_C11_MR
70165	ZM_145_A1_C12		ZM_145_A1_C12_MR
70166	ZM_145_A1_D01		ZM_145_A1_D01_MR
70167	ZM_145_A1_D02		ZM_145_A1_D02_MR
70168	ZM_145_A1_D03		ZM_145_A1_D03_MR
70169	ZM_145_A1_D04		ZM_145_A1_D04_MR
70170	ZM_145_A1_D05		ZM_145_A1_D05_MR
70171	ZM_145_A1_D06		ZM_145_A1_D06_MR
70172	ZM_145_A1_D07		ZM_145_A1_D07_MR
70173	ZM_145_A1_D08		ZM_145_A1_D08_MR
70174	ZM_145_A1_D09		ZM_145_A1_D09_MR
70175	ZM_145_A1_D10		ZM_145_A1_D10_MR
70176	ZM_145_A1_D11		ZM_145_A1_D11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70177	ZM_145_A1_E02		ZM_145_A1_E02_MR
70178	ZM_145_A1_E03		ZM_145_A1_E03_MR
70179	ZM_145_A1_E04		ZM_145_A1_E04_MR
70180	ZM_145_A1_E05		ZM_145_A1_E05_MR
70181	ZM_145_A1_E06		ZM_145_A1_E06_MR
70182	ZM_145_A1_E07		ZM_145_A1_E07_MR
70183	ZM_145_A1_E08		ZM_145_A1_E08_MR
70184	ZM_145_A1_E09		ZM_145_A1_E09_MR
70185	ZM_145_A1_E10		ZM_145_A1_E10_MR
70186	ZM_145_A1_E12		ZM_145_A1_E12_MR
70187	ZM_145_A1_F01		ZM_145_A1_F01_MR
70188	ZM_145_A1_F02		ZM_145_A1_F02_MR
70189	ZM_145_A1_F03		ZM_145_A1_F03_MR
70190	ZM_145_A1_F04		ZM_145_A1_F04_MR
70191	ZM_145_A1_F05		ZM_145_A1_F05_MR
70192	ZM_145_A1_F06		ZM_145_A1_F06_MR
70193	ZM_145_A1_F07		ZM_145_A1_F07_MR
70194	ZM_145_A1_F08		ZM_145_A1_F08_MR
70195	ZM_145_A1_F09		ZM_145_A1_F09_MR
70196	ZM_145_A1_F11		ZM_145_A1_F11_MR
70197	ZM_145_A1_F12		ZM_145_A1_F12_MR
70198	ZM_145_A1_G01		ZM_145_A1_G01_MR
70199	ZM_145_A1_G02		ZM_145_A1_G02_MR
70200	ZM_145_A1_G03		ZM_145_A1_G03_MR
70201	ZM_145_A1_G04		ZM_145_A1_G04_MR
70202	ZM_145_A1_G05		ZM_145_A1_G05_MR
70203	ZM_145_A1_G06		ZM_145_A1_G06_MR
70204	ZM_145_A1_G07		ZM_145_A1_G07_MR
70205	ZM_145_A1_G08		ZM_145_A1_G08_MR
70206	ZM_145_A1_G09		ZM_145_A1_G09_MR
70207	ZM_145_A1_G11		ZM_145_A1_G11_MR
70208	ZM_145_A1_H01		ZM_145_A1_H01_MR
70209	ZM_145_A1_H02		ZM_145_A1_H02_MR
70210	ZM_145_A1_H03		ZM_145_A1_H03_MR
70211	ZM_145_A1_H04		ZM_145_A1_H04_MR
70212	ZM_145_A1_H05		ZM_145_A1_H05_MR
70213	ZM_145_A1_H06		ZM_145_A1_H06_MR
70214	ZM_145_A1_H07		ZM_145_A1_H07_MR
70215	ZM_145_A1_H08		ZM_145_A1_H08_MR
70216	ZM_145_A1_H09		ZM_145_A1_H09_MR
70217	ZM_145_A1_H10		ZM_145_A1_H10_MR
70218	ZM_145_A1_H11		ZM_145_A1_H11_MR
70219	ZM_145_A1_H12		ZM_145_A1_H12_MR
70220	ZM_145_A2_A01		ZM_145_A2_A01_MR
70221	ZM_145_A2_A02		ZM_145_A2_A02_MR
70222	ZM_145_A2_A04		ZM_145_A2_A04_MR
70223	ZM_145_A2_A06		ZM_145_A2_A06_MR
70224	ZM_145_A2_A07		ZM_145_A2_A07_MR
70225	ZM_145_A2_A08		ZM_145_A2_A08_MR
70226	ZM_145_A2_A11		ZM_145_A2_A11_MR
70227	ZM_145_A2_A12		ZM_145_A2_A12_MR
70228	ZM_145_A2_B02		ZM_145_A2_B02_MR
70229	ZM_145_A2_B03		ZM_145_A2_B03_MR
70230	ZM_145_A2_B04		ZM_145_A2_B04_MR
70231	ZM_145_A2_B05		ZM_145_A2_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70232	ZM_145_A2_B06		ZM_145_A2_B06_MR
70233	ZM_145_A2_B07		ZM_145_A2_B07_MR
70234	ZM_145_A2_B08		ZM_145_A2_B08_MR
70235	ZM_145_A2_B11		ZM_145_A2_B11_MR
70236	ZM_145_A2_C02		ZM_145_A2_C02_MR
70237	ZM_145_A2_C04		ZM_145_A2_C04_MR
70238	ZM_145_A2_C06		ZM_145_A2_C06_MR
70239	ZM_145_A2_C07		ZM_145_A2_C07_MR
70240	ZM_145_A2_C08		ZM_145_A2_C08_MR
70241	ZM_145_A2_C09		ZM_145_A2_C09_MR
70242	ZM_145_A2_C10		ZM_145_A2_C10_MR
70243	ZM_145_A2_C11		ZM_145_A2_C11_MR
70244	ZM_145_A2_C12		ZM_145_A2_C12_MR
70245	ZM_145_A2_D02		ZM_145_A2_D02_MR
70246	ZM_145_A2_D03		ZM_145_A2_D03_MR
70247	ZM_145_A2_D04		ZM_145_A2_D04_MR
70248	ZM_145_A2_D05		ZM_145_A2_D05_MR
70249	ZM_145_A2_D06		ZM_145_A2_D06_MR
70250	ZM_145_A2_D08		ZM_145_A2_D08_MR
70251	ZM_145_A2_D09		ZM_145_A2_D09_MR
70252	ZM_145_A2_D11		ZM_145_A2_D11_MR
70253	ZM_145_A2_D12		ZM_145_A2_D12_MR
70254	ZM_145_A2_E01		ZM_145_A2_E01_MR
70255	ZM_145_A2_E02		ZM_145_A2_E02_MR
70256	ZM_145_A2_E03		ZM_145_A2_E03_MR
70257	ZM_145_A2_E04		ZM_145_A2_E04_MR
70258	ZM_145_A2_E05		ZM_145_A2_E05_MR
70259	ZM_145_A2_E06		ZM_145_A2_E06_MR
70260	ZM_145_A2_E07		ZM_145_A2_E07_MR
70261	ZM_145_A2_E08		ZM_145_A2_E08_MR
70262	ZM_145_A2_E09		ZM_145_A2_E09_MR
70263	ZM_145_A2_E10		ZM_145_A2_E10_MR
70264	ZM_145_A2_E11		ZM_145_A2_E11_MR
70265	ZM_145_A2_E12		ZM_145_A2_E12_MR
70266	ZM_145_A2_F01		ZM_145_A2_F01_MR
70267	ZM_145_A2_F02		ZM_145_A2_F02_MR
70268	ZM_145_A2_F03		ZM_145_A2_F03_MR
70269	ZM_145_A2_F04		ZM_145_A2_F04_MR
70270	ZM_145_A2_F05		ZM_145_A2_F05_MR
70271	ZM_145_A2_F06		ZM_145_A2_F06_MR
70272	ZM_145_A2_F07		ZM_145_A2_F07_MR
70273	ZM_145_A2_F08		ZM_145_A2_F08_MR
70274	ZM_145_A2_F10		ZM_145_A2_F10_MR
70275	ZM_145_A2_F11		ZM_145_A2_F11_MR
70276	ZM_145_A2_F12		ZM_145_A2_F12_MR
70277	ZM_145_A2_G01		ZM_145_A2_G01_MR
70278	ZM_145_A2_G02		ZM_145_A2_G02_MR
70279	ZM_145_A2_G03		ZM_145_A2_G03_MR
70280	ZM_145_A2_G04		ZM_145_A2_G04_MR
70281	ZM_145_A2_G05		ZM_145_A2_G05_MR
70282	ZM_145_A2_G06		ZM_145_A2_G06_MR
70283	ZM_145_A2_G07		ZM_145_A2_G07_MR
70284	ZM_145_A2_G08		ZM_145_A2_G08_MR
70285	ZM_145_A2_G09		ZM_145_A2_G09_MR
70286	ZM_145_A2_G10		ZM_145_A2_G10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70287	ZM_145_A2_G11		ZM_145_A2_G11_MR
70288	ZM_145_A2_G12		ZM_145_A2_G12_MR
70289	ZM_145_A2_H01		ZM_145_A2_H01_MR
70290	ZM_145_A2_H02		ZM_145_A2_H02_MR
70291	ZM_145_A2_H03		ZM_145_A2_H03_MR
70292	ZM_145_A2_H04		ZM_145_A2_H04_MR
70293	ZM_145_A2_H05		ZM_145_A2_H05_MR
70294	ZM_145_A2_H06		ZM_145_A2_H06_MR
70295	ZM_145_A2_H07		ZM_145_A2_H07_MR
70296	ZM_145_A2_H08		ZM_145_A2_H08_MR
70297	ZM_145_A2_H10		ZM_145_A2_H10_MR
70298	ZM_145_B1_A02		ZM_145_B1_A02_MR
70299	ZM_145_B1_A03		ZM_145_B1_A03_MR
70300	ZM_145_B1_A04	ZM_145_B1_A04_T7C	
70301	ZM_145_B1_A04		ZM_145_B1_A04_MR
70302	ZM_145_B1_A07		ZM_145_B1_A07_MR
70303	ZM_145_B1_A08		ZM_145_B1_A08_MR
70304	ZM_145_B1_A09	ZM_145_B1_A09_T7C	
70305	ZM_145_B1_A09		ZM_145_B1_A09_MR
70306	ZM_145_B1_A10	ZM_145_B1_A10_T7C	
70307	ZM_145_B1_A10		ZM_145_B1_A10_MR
70308	ZM_145_B1_A11		ZM_145_B1_A11_MR
70309	ZM_145_B1_A12		ZM_145_B1_A12_MR
70310	ZM_145_B1_B01	ZM_145_B1_B01_T7C	
70311	ZM_145_B1_B01		ZM_145_B1_B01_MR
70312	ZM_145_B1_B02		ZM_145_B1_B02_MR
70313	ZM_145_B1_B03		ZM_145_B1_B03_MR
70314	ZM_145_B1_B05		ZM_145_B1_B05_MR
70315	ZM_145_B1_B08		ZM_145_B1_B08_MR
70316	ZM_145_B1_B09		ZM_145_B1_B09_MR
70317	ZM_145_B1_B10	ZM_145_B1_B10_T7C	
70318	ZM_145_B1_B10		ZM_145_B1_B10_MR
70319	ZM_145_B1_B11		ZM_145_B1_B11_MR
70320	ZM_145_B1_B12		ZM_145_B1_B12_MR
70321	ZM_145_B1_C01		ZM_145_B1_C01_MR
70322	ZM_145_B1_C02		ZM_145_B1_C02_MR
70323	ZM_145_B1_C03	ZM_145_B1_C03_T7C	
70324	ZM_145_B1_C03		ZM_145_B1_C03_MR
70325	ZM_145_B1_C04		ZM_145_B1_C04_MR
70326	ZM_145_B1_C05		ZM_145_B1_C05_MR
70327	ZM_145_B1_C06	ZM_145_B1_C06_T7C	
70328	ZM_145_B1_C06		ZM_145_B1_C06_MR
70329	ZM_145_B1_C07	ZM_145_B1_C07_T7C	
70330	ZM_145_B1_C07		ZM_145_B1_C07_MR
70331	ZM_145_B1_C08		ZM_145_B1_C08_MR
70332	ZM_145_B1_C10		ZM_145_B1_C10_MR
70333	ZM_145_B1_C11		ZM_145_B1_C11_MR
70334	ZM_145_B1_D01	ZM_145_B1_D01_T7C	
70335	ZM_145_B1_D01		ZM_145_B1_D01_MR
70336	ZM_145_B1_D03		ZM_145_B1_D03_MR
70337	ZM_145_B1_D04		ZM_145_B1_D04_MR
70338	ZM_145_B1_D05		ZM_145_B1_D05_MR
70339	ZM_145_B1_D09	ZM_145_B1_D09_T7C	
70340	ZM_145_B1_D09		ZM_145_B1_D09_MR
70341	ZM_145_B1_D11	ZM_145_B1_D11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70342	ZM_145_B1_D11		ZM_145_B1_D11_MR
70343	ZM_145_B1_D12		ZM_145_B1_D12_MR
70344	ZM_145_B1_E01	ZM_145_B1_E01_T7C	
70345	ZM_145_B1_E03	ZM_145_B1_E03_T7C	
70346	ZM_145_B1_E03		ZM_145_B1_E03_MR
70347	ZM_145_B1_E04		ZM_145_B1_E04_MR
70348	ZM_145_B1_E05		ZM_145_B1_E05_MR
70349	ZM_145_B1_E06		ZM_145_B1_E06_MR
70350	ZM_145_B1_E07		ZM_145_B1_E07_MR
70351	ZM_145_B1_E08		ZM_145_B1_E08_MR
70352	ZM_145_B1_E09	ZM_145_B1_E09_T7C	
70353	ZM_145_B1_E10	ZM_145_B1_E10_T7C	
70354	ZM_145_B1_E10		ZM_145_B1_E10_MR
70355	ZM_145_B1_E12	ZM_145_B1_E12_T7C	
70356	ZM_145_B1_E12		ZM_145_B1_E12_MR
70357	ZM_145_B1_F01	ZM_145_B1_F01_T7C	
70358	ZM_145_B1_F01		ZM_145_B1_F01_MR
70359	ZM_145_B1_F03	ZM_145_B1_F03_T7C	
70360	ZM_145_B1_F03		ZM_145_B1_F03_MR
70361	ZM_145_B1_F04		ZM_145_B1_F04_MR
70362	ZM_145_B1_F05	ZM_145_B1_F05_T7C	
70363	ZM_145_B1_F06		ZM_145_B1_F06_MR
70364	ZM_145_B1_F07		ZM_145_B1_F07_MR
70365	ZM_145_B1_F08		ZM_145_B1_F08_MR
70366	ZM_145_B1_F09	ZM_145_B1_F09_T7C	
70367	ZM_145_B1_F09		ZM_145_B1_F09_MR
70368	ZM_145_B1_F11	ZM_145_B1_F11_T7C	
70369	ZM_145_B1_F11		ZM_145_B1_F11_MR
70370	ZM_145_B1_F12		ZM_145_B1_F12_MR
70371	ZM_145_B1_G01		ZM_145_B1_G01_MR
70372	ZM_145_B1_G02	ZM_145_B1_G02_T7C	
70373	ZM_145_B1_G02		ZM_145_B1_G02_MR
70374	ZM_145_B1_G03		ZM_145_B1_G03_MR
70375	ZM_145_B1_G04		ZM_145_B1_G04_MR
70376	ZM_145_B1_G05		ZM_145_B1_G05_MR
70377	ZM_145_B1_G06		ZM_145_B1_G06_MR
70378	ZM_145_B1_G08	ZM_145_B1_G08_T7C	
70379	ZM_145_B1_G09		ZM_145_B1_G09_MR
70380	ZM_145_B1_G10		ZM_145_B1_G10_MR
70381	ZM_145_B1_G11		ZM_145_B1_G11_MR
70382	ZM_145_B1_G12		ZM_145_B1_G12_MR
70383	ZM_145_B1_H01		ZM_145_B1_H01_MR
70384	ZM_145_B1_H02		ZM_145_B1_H02_MR
70385	ZM_145_B1_H04	ZM_145_B1_H04_T7C	
70386	ZM_145_B1_H04		ZM_145_B1_H04_MR
70387	ZM_145_B1_H05	ZM_145_B1_H05_T7C	
70388	ZM_145_B1_H06	ZM_145_B1_H06_T7C	
70389	ZM_145_B1_H06		ZM_145_B1_H06_MR
70390	ZM_145_B1_H07		ZM_145_B1_H07_MR
70391	ZM_145_B1_H08	ZM_145_B1_H08_T7C	
70392	ZM_145_B1_H08		ZM_145_B1_H08_MR
70393	ZM_145_B1_H10		ZM_145_B1_H10_MR
70394	ZM_145_B1_H11	ZM_145_B1_H11_T7C	
70395	ZM_145_B1_H11		ZM_145_B1_H11_MR
70396	ZM_145_B1_H12	ZM_145_B1_H12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70397	ZM_145_B1_H12		ZM_145_B1_H12_MR
70398	ZM_145_B2_A01		ZM_145_B2_A01_MR
70399	ZM_145_B2_A02		ZM_145_B2_A02_MR
70400	ZM_145_B2_A04		ZM_145_B2_A04_MR
70401	ZM_145_B2_A05		ZM_145_B2_A05_MR
70402	ZM_145_B2_A06		ZM_145_B2_A06_MR
70403	ZM_145_B2_A07		ZM_145_B2_A07_MR
70404	ZM_145_B2_A08		ZM_145_B2_A08_MR
70405	ZM_145_B2_A09		ZM_145_B2_A09_MR
70406	ZM_145_B2_A10		ZM_145_B2_A10_MR
70407	ZM_145_B2_A11		ZM_145_B2_A11_MR
70408	ZM_145_B2_A12		ZM_145_B2_A12_MR
70409	ZM_145_B2_B01		ZM_145_B2_B01_MR
70410	ZM_145_B2_B02		ZM_145_B2_B02_MR
70411	ZM_145_B2_B03		ZM_145_B2_B03_MR
70412	ZM_145_B2_B04		ZM_145_B2_B04_MR
70413	ZM_145_B2_B05		ZM_145_B2_B05_MR
70414	ZM_145_B2_B06		ZM_145_B2_B06_MR
70415	ZM_145_B2_B08		ZM_145_B2_B08_MR
70416	ZM_145_B2_B10		ZM_145_B2_B10_MR
70417	ZM_145_B2_B11		ZM_145_B2_B11_MR
70418	ZM_145_B2_B12		ZM_145_B2_B12_MR
70419	ZM_145_B2_C01		ZM_145_B2_C01_MR
70420	ZM_145_B2_C02		ZM_145_B2_C02_MR
70421	ZM_145_B2_C03		ZM_145_B2_C03_MR
70422	ZM_145_B2_C04		ZM_145_B2_C04_MR
70423	ZM_145_B2_C05		ZM_145_B2_C05_MR
70424	ZM_145_B2_C06		ZM_145_B2_C06_MR
70425	ZM_145_B2_C07		ZM_145_B2_C07_MR
70426	ZM_145_B2_C08		ZM_145_B2_C08_MR
70427	ZM_145_B2_C11		ZM_145_B2_C11_MR
70428	ZM_145_B2_C12		ZM_145_B2_C12_MR
70429	ZM_145_B2_D02		ZM_145_B2_D02_MR
70430	ZM_145_B2_D03		ZM_145_B2_D03_MR
70431	ZM_145_B2_D04		ZM_145_B2_D04_MR
70432	ZM_145_B2_D05		ZM_145_B2_D05_MR
70433	ZM_145_B2_D06		ZM_145_B2_D06_MR
70434	ZM_145_B2_D07		ZM_145_B2_D07_MR
70435	ZM_145_B2_D08		ZM_145_B2_D08_MR
70436	ZM_145_B2_D10		ZM_145_B2_D10_MR
70437	ZM_145_B2_D11		ZM_145_B2_D11_MR
70438	ZM_145_B2_D12		ZM_145_B2_D12_MR
70439	ZM_145_B2_E01		ZM_145_B2_E01_MR
70440	ZM_145_B2_E02		ZM_145_B2_E02_MR
70441	ZM_145_B2_E03		ZM_145_B2_E03_MR
70442	ZM_145_B2_E04		ZM_145_B2_E04_MR
70443	ZM_145_B2_E05		ZM_145_B2_E05_MR
70444	ZM_145_B2_E06		ZM_145_B2_E06_MR
70445	ZM_145_B2_E07		ZM_145_B2_E07_MR
70446	ZM_145_B2_E08		ZM_145_B2_E08_MR
70447	ZM_145_B2_E09		ZM_145_B2_E09_MR
70448	ZM_145_B2_E10		ZM_145_B2_E10_MR
70449	ZM_145_B2_E11		ZM_145_B2_E11_MR
70450	ZM_145_B2_E12		ZM_145_B2_E12_MR
70451	ZM_145_B2_F02		ZM_145_B2_F02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70452	ZM_145_B2_F03		ZM_145_B2_F03_MR
70453	ZM_145_B2_F04		ZM_145_B2_F04_MR
70454	ZM_145_B2_F05		ZM_145_B2_F05_MR
70455	ZM_145_B2_F06		ZM_145_B2_F06_MR
70456	ZM_145_B2_F07		ZM_145_B2_F07_MR
70457	ZM_145_B2_F09		ZM_145_B2_F09_MR
70458	ZM_145_B2_F10		ZM_145_B2_F10_MR
70459	ZM_145_B2_F11		ZM_145_B2_F11_MR
70460	ZM_145_B2_F12		ZM_145_B2_F12_MR
70461	ZM_145_B2_G01		ZM_145_B2_G01_MR
70462	ZM_145_B2_G02		ZM_145_B2_G02_MR
70463	ZM_145_B2_G03		ZM_145_B2_G03_MR
70464	ZM_145_B2_G04		ZM_145_B2_G04_MR
70465	ZM_145_B2_G05		ZM_145_B2_G05_MR
70466	ZM_145_B2_G08		ZM_145_B2_G08_MR
70467	ZM_145_B2_G09		ZM_145_B2_G09_MR
70468	ZM_145_B2_G12		ZM_145_B2_G12_MR
70469	ZM_145_B2_H01		ZM_145_B2_H01_MR
70470	ZM_145_B2_H02		ZM_145_B2_H02_MR
70471	ZM_145_B2_H03		ZM_145_B2_H03_MR
70472	ZM_145_B2_H04		ZM_145_B2_H04_MR
70473	ZM_145_B2_H05		ZM_145_B2_H05_MR
70474	ZM_145_B2_H06		ZM_145_B2_H06_MR
70475	ZM_145_B2_H07		ZM_145_B2_H07_MR
70476	ZM_145_B2_H08		ZM_145_B2_H08_MR
70477	ZM_145_B2_H10		ZM_145_B2_H10_MR
70478	ZM_145_B2_H11		ZM_145_B2_H11_MR
70479	ZM_145_B2_H12		ZM_145_B2_H12_MR
70480	ZM_146_A1_A01		ZM_146_A1_A01_MR
70481	ZM_146_A1_A02		ZM_146_A1_A02_MR
70482	ZM_146_A1_A03		ZM_146_A1_A03_MR
70483	ZM_146_A1_A04		ZM_146_A1_A04_MR
70484	ZM_146_A1_A05		ZM_146_A1_A05_MR
70485	ZM_146_A1_A06		ZM_146_A1_A06_MR
70486	ZM_146_A1_A07		ZM_146_A1_A07_MR
70487	ZM_146_A1_A08		ZM_146_A1_A08_MR
70488	ZM_146_A1_A09		ZM_146_A1_A09_MR
70489	ZM_146_A1_A10		ZM_146_A1_A10_MR
70490	ZM_146_A1_A11		ZM_146_A1_A11_MR
70491	ZM_146_A1_A12		ZM_146_A1_A12_MR
70492	ZM_146_A1_B01		ZM_146_A1_B01_MR
70493	ZM_146_A1_B02		ZM_146_A1_B02_MR
70494	ZM_146_A1_B03		ZM_146_A1_B03_MR
70495	ZM_146_A1_B04		ZM_146_A1_B04_MR
70496	ZM_146_A1_B05		ZM_146_A1_B05_MR
70497	ZM_146_A1_B06		ZM_146_A1_B06_MR
70498	ZM_146_A1_B07		ZM_146_A1_B07_MR
70499	ZM_146_A1_B08		ZM_146_A1_B08_MR
70500	ZM_146_A1_B09		ZM_146_A1_B09_MR
70501	ZM_146_A1_B10		ZM_146_A1_B10_MR
70502	ZM_146_A1_B11		ZM_146_A1_B11_MR
70503	ZM_146_A1_B12		ZM_146_A1_B12_MR
70504	ZM_146_A1_C01		ZM_146_A1_C01_MR
70505	ZM_146_A1_C02		ZM_146_A1_C02_MR
70506	ZM_146_A1_C03		ZM_146_A1_C03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70507	ZM_146_A1_C04		ZM_146_A1_C04_MR
70508	ZM_146_A1_C05		ZM_146_A1_C05_MR
70509	ZM_146_A1_C06		ZM_146_A1_C06_MR
70510	ZM_146_A1_C07		ZM_146_A1_C07_MR
70511	ZM_146_A1_C08		ZM_146_A1_C08_MR
70512	ZM_146_A1_C09		ZM_146_A1_C09_MR
70513	ZM_146_A1_C10		ZM_146_A1_C10_MR
70514	ZM_146_A1_C11		ZM_146_A1_C11_MR
70515	ZM_146_A1_C12		ZM_146_A1_C12_MR
70516	ZM_146_A1_D01		ZM_146_A1_D01_MR
70517	ZM_146_A1_D02		ZM_146_A1_D02_MR
70518	ZM_146_A1_D03		ZM_146_A1_D03_MR
70519	ZM_146_A1_D04		ZM_146_A1_D04_MR
70520	ZM_146_A1_D05		ZM_146_A1_D05_MR
70521	ZM_146_A1_D06		ZM_146_A1_D06_MR
70522	ZM_146_A1_D07		ZM_146_A1_D07_MR
70523	ZM_146_A1_D09		ZM_146_A1_D09_MR
70524	ZM_146_A1_D10		ZM_146_A1_D10_MR
70525	ZM_146_A1_D12		ZM_146_A1_D12_MR
70526	ZM_146_A1_E01		ZM_146_A1_E01_MR
70527	ZM_146_A1_E02		ZM_146_A1_E02_MR
70528	ZM_146_A1_E04		ZM_146_A1_E04_MR
70529	ZM_146_A1_E05		ZM_146_A1_E05_MR
70530	ZM_146_A1_E06		ZM_146_A1_E06_MR
70531	ZM_146_A1_E07		ZM_146_A1_E07_MR
70532	ZM_146_A1_E08		ZM_146_A1_E08_MR
70533	ZM_146_A1_E09		ZM_146_A1_E09_MR
70534	ZM_146_A1_E10		ZM_146_A1_E10_MR
70535	ZM_146_A1_E12		ZM_146_A1_E12_MR
70536	ZM_146_A1_F01		ZM_146_A1_F01_MR
70537	ZM_146_A1_F02		ZM_146_A1_F02_MR
70538	ZM_146_A1_F03		ZM_146_A1_F03_MR
70539	ZM_146_A1_F04		ZM_146_A1_F04_MR
70540	ZM_146_A1_F05		ZM_146_A1_F05_MR
70541	ZM_146_A1_F07		ZM_146_A1_F07_MR
70542	ZM_146_A1_F08		ZM_146_A1_F08_MR
70543	ZM_146_A1_F09		ZM_146_A1_F09_MR
70544	ZM_146_A1_F10		ZM_146_A1_F10_MR
70545	ZM_146_A1_F11		ZM_146_A1_F11_MR
70546	ZM_146_A1_F12		ZM_146_A1_F12_MR
70547	ZM_146_A1_G01		ZM_146_A1_G01_MR
70548	ZM_146_A1_G03		ZM_146_A1_G03_MR
70549	ZM_146_A1_G04		ZM_146_A1_G04_MR
70550	ZM_146_A1_G05		ZM_146_A1_G05_MR
70551	ZM_146_A1_G07		ZM_146_A1_G07_MR
70552	ZM_146_A1_G08		ZM_146_A1_G08_MR
70553	ZM_146_A1_G09		ZM_146_A1_G09_MR
70554	ZM_146_A1_G10		ZM_146_A1_G10_MR
70555	ZM_146_A1_G11		ZM_146_A1_G11_MR
70556	ZM_146_A1_G12		ZM_146_A1_G12_MR
70557	ZM_146_A1_H01		ZM_146_A1_H01_MR
70558	ZM_146_A1_H02		ZM_146_A1_H02_MR
70559	ZM_146_A1_H03		ZM_146_A1_H03_MR
70560	ZM_146_A1_H04		ZM_146_A1_H04_MR
70561	ZM_146_A1_H05		ZM_146_A1_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70562	ZM_146_A1_H06		ZM_146_A1_H06_MR
70563	ZM_146_A1_H07		ZM_146_A1_H07_MR
70564	ZM_146_A1_H08		ZM_146_A1_H08_MR
70565	ZM_146_A1_H09		ZM_146_A1_H09_MR
70566	ZM_146_A1_H10		ZM_146_A1_H10_MR
70567	ZM_146_A1_H11		ZM_146_A1_H11_MR
70568	ZM_146_A1_H12		ZM_146_A1_H12_MR
70569	ZM_146_A2_A02		ZM_146_A2_A02_MR
70570	ZM_146_A2_A03		ZM_146_A2_A03_MR
70571	ZM_146_A2_A04		ZM_146_A2_A04_MR
70572	ZM_146_A2_A05		ZM_146_A2_A05_MR
70573	ZM_146_A2_A08		ZM_146_A2_A08_MR
70574	ZM_146_A2_A09		ZM_146_A2_A09_MR
70575	ZM_146_A2_A10		ZM_146_A2_A10_MR
70576	ZM_146_A2_A12		ZM_146_A2_A12_MR
70577	ZM_146_A2_B01		ZM_146_A2_B01_MR
70578	ZM_146_A2_B02		ZM_146_A2_B02_MR
70579	ZM_146_A2_B03		ZM_146_A2_B03_MR
70580	ZM_146_A2_B04		ZM_146_A2_B04_MR
70581	ZM_146_A2_B05		ZM_146_A2_B05_MR
70582	ZM_146_A2_B07		ZM_146_A2_B07_MR
70583	ZM_146_A2_B08		ZM_146_A2_B08_MR
70584	ZM_146_A2_B09		ZM_146_A2_B09_MR
70585	ZM_146_A2_B10		ZM_146_A2_B10_MR
70586	ZM_146_A2_B12		ZM_146_A2_B12_MR
70587	ZM_146_A2_C01		ZM_146_A2_C01_MR
70588	ZM_146_A2_C02		ZM_146_A2_C02_MR
70589	ZM_146_A2_C03		ZM_146_A2_C03_MR
70590	ZM_146_A2_C04		ZM_146_A2_C04_MR
70591	ZM_146_A2_C05		ZM_146_A2_C05_MR
70592	ZM_146_A2_C07		ZM_146_A2_C07_MR
70593	ZM_146_A2_C09		ZM_146_A2_C09_MR
70594	ZM_146_A2_C10		ZM_146_A2_C10_MR
70595	ZM_146_A2_C12		ZM_146_A2_C12_MR
70596	ZM_146_A2_D01		ZM_146_A2_D01_MR
70597	ZM_146_A2_D02		ZM_146_A2_D02_MR
70598	ZM_146_A2_D03		ZM_146_A2_D03_MR
70599	ZM_146_A2_D04		ZM_146_A2_D04_MR
70600	ZM_146_A2_D05		ZM_146_A2_D05_MR
70601	ZM_146_A2_D07		ZM_146_A2_D07_MR
70602	ZM_146_A2_D08		ZM_146_A2_D08_MR
70603	ZM_146_A2_D09		ZM_146_A2_D09_MR
70604	ZM_146_A2_D10		ZM_146_A2_D10_MR
70605	ZM_146_A2_D11		ZM_146_A2_D11_MR
70606	ZM_146_A2_D12		ZM_146_A2_D12_MR
70607	ZM_146_A2_E01		ZM_146_A2_E01_MR
70608	ZM_146_A2_E02		ZM_146_A2_E02_MR
70609	ZM_146_A2_E04		ZM_146_A2_E04_MR
70610	ZM_146_A2_E05		ZM_146_A2_E05_MR
70611	ZM_146_A2_E08		ZM_146_A2_E08_MR
70612	ZM_146_A2_E10		ZM_146_A2_E10_MR
70613	ZM_146_A2_E11		ZM_146_A2_E11_MR
70614	ZM_146_A2_F01		ZM_146_A2_F01_MR
70615	ZM_146_A2_F04		ZM_146_A2_F04_MR
70616	ZM_146_A2_F05		ZM_146_A2_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70617	ZM_146_A2_F07		ZM_146_A2_F07_MR
70618	ZM_146_A2_F09		ZM_146_A2_F09_MR
70619	ZM_146_A2_F10		ZM_146_A2_F10_MR
70620	ZM_146_A2_F11		ZM_146_A2_F11_MR
70621	ZM_146_A2_F12		ZM_146_A2_F12_MR
70622	ZM_146_A2_G01		ZM_146_A2_G01_MR
70623	ZM_146_A2_G02		ZM_146_A2_G02_MR
70624	ZM_146_A2_G04		ZM_146_A2_G04_MR
70625	ZM_146_A2_G07		ZM_146_A2_G07_MR
70626	ZM_146_A2_G08		ZM_146_A2_G08_MR
70627	ZM_146_A2_G10		ZM_146_A2_G10_MR
70628	ZM_146_A2_G11		ZM_146_A2_G11_MR
70629	ZM_146_A2_G12		ZM_146_A2_G12_MR
70630	ZM_146_A2_H01		ZM_146_A2_H01_MR
70631	ZM_146_A2_H02		ZM_146_A2_H02_MR
70632	ZM_146_A2_H03		ZM_146_A2_H03_MR
70633	ZM_146_A2_H05		ZM_146_A2_H05_MR
70634	ZM_146_A2_H06		ZM_146_A2_H06_MR
70635	ZM_146_A2_H10		ZM_146_A2_H10_MR
70636	ZM_146_A2_H11		ZM_146_A2_H11_MR
70637	ZM_146_A2_H12		ZM_146_A2_H12_MR
70638	ZM_146_B1_A02		ZM_146_B1_A02_MR
70639	ZM_146_B1_A03		ZM_146_B1_A03_MR
70640	ZM_146_B1_A04		ZM_146_B1_A04_MR
70641	ZM_146_B1_A05		ZM_146_B1_A05_MR
70642	ZM_146_B1_A06		ZM_146_B1_A06_MR
70643	ZM_146_B1_A07		ZM_146_B1_A07_MR
70644	ZM_146_B1_A08		ZM_146_B1_A08_MR
70645	ZM_146_B1_A09		ZM_146_B1_A09_MR
70646	ZM_146_B1_A11		ZM_146_B1_A11_MR
70647	ZM_146_B1_A12		ZM_146_B1_A12_MR
70648	ZM_146_B1_B01		ZM_146_B1_B01_MR
70649	ZM_146_B1_B02		ZM_146_B1_B02_MR
70650	ZM_146_B1_B04		ZM_146_B1_B04_MR
70651	ZM_146_B1_B05		ZM_146_B1_B05_MR
70652	ZM_146_B1_B06		ZM_146_B1_B06_MR
70653	ZM_146_B1_B07		ZM_146_B1_B07_MR
70654	ZM_146_B1_B08		ZM_146_B1_B08_MR
70655	ZM_146_B1_B09		ZM_146_B1_B09_MR
70656	ZM_146_B1_B10		ZM_146_B1_B10_MR
70657	ZM_146_B1_B11		ZM_146_B1_B11_MR
70658	ZM_146_B1_C01		ZM_146_B1_C01_MR
70659	ZM_146_B1_C02		ZM_146_B1_C02_MR
70660	ZM_146_B1_C04		ZM_146_B1_C04_MR
70661	ZM_146_B1_C05		ZM_146_B1_C05_MR
70662	ZM_146_B1_C06		ZM_146_B1_C06_MR
70663	ZM_146_B1_C07		ZM_146_B1_C07_MR
70664	ZM_146_B1_C08		ZM_146_B1_C08_MR
70665	ZM_146_B1_C09		ZM_146_B1_C09_MR
70666	ZM_146_B1_C11		ZM_146_B1_C11_MR
70667	ZM_146_B1_D01		ZM_146_B1_D01_MR
70668	ZM_146_B1_D02		ZM_146_B1_D02_MR
70669	ZM_146_B1_D04		ZM_146_B1_D04_MR
70670	ZM_146_B1_D05		ZM_146_B1_D05_MR
70671	ZM_146_B1_D06		ZM_146_B1_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70672	ZM_146_B1_D08		ZM_146_B1_D08_MR
70673	ZM_146_B1_D09		ZM_146_B1_D09_MR
70674	ZM_146_B1_E05		ZM_146_B1_E05_MR
70675	ZM_146_B1_E06		ZM_146_B1_E06_MR
70676	ZM_146_B1_E07		ZM_146_B1_E07_MR
70677	ZM_146_B1_E08		ZM_146_B1_E08_MR
70678	ZM_146_B1_E10		ZM_146_B1_E10_MR
70679	ZM_146_B1_E12		ZM_146_B1_E12_MR
70680	ZM_146_B1_F02		ZM_146_B1_F02_MR
70681	ZM_146_B1_F04		ZM_146_B1_F04_MR
70682	ZM_146_B1_F05		ZM_146_B1_F05_MR
70683	ZM_146_B1_F06		ZM_146_B1_F06_MR
70684	ZM_146_B1_F07		ZM_146_B1_F07_MR
70685	ZM_146_B1_F08		ZM_146_B1_F08_MR
70686	ZM_146_B1_F09		ZM_146_B1_F09_MR
70687	ZM_146_B1_F11		ZM_146_B1_F11_MR
70688	ZM_146_B1_F12		ZM_146_B1_F12_MR
70689	ZM_146_B1_G01		ZM_146_B1_G01_MR
70690	ZM_146_B1_G02		ZM_146_B1_G02_MR
70691	ZM_146_B1_G04		ZM_146_B1_G04_MR
70692	ZM_146_B1_G05		ZM_146_B1_G05_MR
70693	ZM_146_B1_G06		ZM_146_B1_G06_MR
70694	ZM_146_B1_G07		ZM_146_B1_G07_MR
70695	ZM_146_B1_G08		ZM_146_B1_G08_MR
70696	ZM_146_B1_G09		ZM_146_B1_G09_MR
70697	ZM_146_B1_G10		ZM_146_B1_G10_MR
70698	ZM_146_B1_G11		ZM_146_B1_G11_MR
70699	ZM_146_B1_H01		ZM_146_B1_H01_MR
70700	ZM_146_B1_H02		ZM_146_B1_H02_MR
70701	ZM_146_B1_H05		ZM_146_B1_H05_MR
70702	ZM_146_B1_H06		ZM_146_B1_H06_MR
70703	ZM_146_B1_H07		ZM_146_B1_H07_MR
70704	ZM_146_B1_H08		ZM_146_B1_H08_MR
70705	ZM_146_B1_H09		ZM_146_B1_H09_MR
70706	ZM_146_B1_H11		ZM_146_B1_H11_MR
70707	ZM_146_B1_H12		ZM_146_B1_H12_MR
70708	ZM_146_B2_A01		ZM_146_B2_A01_MR
70709	ZM_146_B2_A02		ZM_146_B2_A02_MR
70710	ZM_146_B2_A03		ZM_146_B2_A03_MR
70711	ZM_146_B2_A04		ZM_146_B2_A04_MR
70712	ZM_146_B2_A05		ZM_146_B2_A05_MR
70713	ZM_146_B2_A06		ZM_146_B2_A06_MR
70714	ZM_146_B2_A07		ZM_146_B2_A07_MR
70715	ZM_146_B2_A08		ZM_146_B2_A08_MR
70716	ZM_146_B2_A09		ZM_146_B2_A09_MR
70717	ZM_146_B2_A10		ZM_146_B2_A10_MR
70718	ZM_146_B2_A11		ZM_146_B2_A11_MR
70719	ZM_146_B2_A12		ZM_146_B2_A12_MR
70720	ZM_146_B2_B01		ZM_146_B2_B01_MR
70721	ZM_146_B2_B02		ZM_146_B2_B02_MR
70722	ZM_146_B2_B03		ZM_146_B2_B03_MR
70723	ZM_146_B2_B04		ZM_146_B2_B04_MR
70724	ZM_146_B2_B05		ZM_146_B2_B05_MR
70725	ZM_146_B2_B06		ZM_146_B2_B06_MR
70726	ZM_146_B2_B07		ZM_146_B2_B07_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70727	ZM_146_B2_B08		ZM_146_B2_B08_MR
70728	ZM_146_B2_B09		ZM_146_B2_B09_MR
70729	ZM_146_B2_B10		ZM_146_B2_B10_MR
70730	ZM_146_B2_B11		ZM_146_B2_B11_MR
70731	ZM_146_B2_B12		ZM_146_B2_B12_MR
70732	ZM_146_B2_C01		ZM_146_B2_C01_MR
70733	ZM_146_B2_C02		ZM_146_B2_C02_MR
70734	ZM_146_B2_C03		ZM_146_B2_C03_MR
70735	ZM_146_B2_C04		ZM_146_B2_C04_MR
70736	ZM_146_B2_C05		ZM_146_B2_C05_MR
70737	ZM_146_B2_C06		ZM_146_B2_C06_MR
70738	ZM_146_B2_C07		ZM_146_B2_C07_MR
70739	ZM_146_B2_C08		ZM_146_B2_C08_MR
70740	ZM_146_B2_C09		ZM_146_B2_C09_MR
70741	ZM_146_B2_C11		ZM_146_B2_C11_MR
70742	ZM_146_B2_C12		ZM_146_B2_C12_MR
70743	ZM_146_B2_D01		ZM_146_B2_D01_MR
70744	ZM_146_B2_D02		ZM_146_B2_D02_MR
70745	ZM_146_B2_D03		ZM_146_B2_D03_MR
70746	ZM_146_B2_D04		ZM_146_B2_D04_MR
70747	ZM_146_B2_D05		ZM_146_B2_D05_MR
70748	ZM_146_B2_D07		ZM_146_B2_D07_MR
70749	ZM_146_B2_D08		ZM_146_B2_D08_MR
70750	ZM_146_B2_D09		ZM_146_B2_D09_MR
70751	ZM_146_B2_D10		ZM_146_B2_D10_MR
70752	ZM_146_B2_D11		ZM_146_B2_D11_MR
70753	ZM_146_B2_D12		ZM_146_B2_D12_MR
70754	ZM_146_B2_E01		ZM_146_B2_E01_MR
70755	ZM_146_B2_E02		ZM_146_B2_E02_MR
70756	ZM_146_B2_E03		ZM_146_B2_E03_MR
70757	ZM_146_B2_E04		ZM_146_B2_E04_MR
70758	ZM_146_B2_E05		ZM_146_B2_E05_MR
70759	ZM_146_B2_E06		ZM_146_B2_E06_MR
70760	ZM_146_B2_E07		ZM_146_B2_E07_MR
70761	ZM_146_B2_E08		ZM_146_B2_E08_MR
70762	ZM_146_B2_E09		ZM_146_B2_E09_MR
70763	ZM_146_B2_E10		ZM_146_B2_E10_MR
70764	ZM_146_B2_E11		ZM_146_B2_E11_MR
70765	ZM_146_B2_E12		ZM_146_B2_E12_MR
70766	ZM_146_B2_F01		ZM_146_B2_F01_MR
70767	ZM_146_B2_F02		ZM_146_B2_F02_MR
70768	ZM_146_B2_F03		ZM_146_B2_F03_MR
70769	ZM_146_B2_F04		ZM_146_B2_F04_MR
70770	ZM_146_B2_F05		ZM_146_B2_F05_MR
70771	ZM_146_B2_F06		ZM_146_B2_F06_MR
70772	ZM_146_B2_F07		ZM_146_B2_F07_MR
70773	ZM_146_B2_F08		ZM_146_B2_F08_MR
70774	ZM_146_B2_F09		ZM_146_B2_F09_MR
70775	ZM_146_B2_F10		ZM_146_B2_F10_MR
70776	ZM_146_B2_F11		ZM_146_B2_F11_MR
70777	ZM_146_B2_F12		ZM_146_B2_F12_MR
70778	ZM_146_B2_G01		ZM_146_B2_G01_MR
70779	ZM_146_B2_G02		ZM_146_B2_G02_MR
70780	ZM_146_B2_G03		ZM_146_B2_G03_MR
70781	ZM_146_B2_G04		ZM_146_B2_G04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70782	ZM_146_B2_G05		ZM_146_B2_G05_MR
70783	ZM_146_B2_G06		ZM_146_B2_G06_MR
70784	ZM_146_B2_G07		ZM_146_B2_G07_MR
70785	ZM_146_B2_G08		ZM_146_B2_G08_MR
70786	ZM_146_B2_G09		ZM_146_B2_G09_MR
70787	ZM_146_B2_G10		ZM_146_B2_G10_MR
70788	ZM_146_B2_G11		ZM_146_B2_G11_MR
70789	ZM_146_B2_G12		ZM_146_B2_G12_MR
70790	ZM_146_B2_H01		ZM_146_B2_H01_MR
70791	ZM_146_B2_H02		ZM_146_B2_H02_MR
70792	ZM_146_B2_H03		ZM_146_B2_H03_MR
70793	ZM_146_B2_H04		ZM_146_B2_H04_MR
70794	ZM_146_B2_H05		ZM_146_B2_H05_MR
70795	ZM_146_B2_H06		ZM_146_B2_H06_MR
70796	ZM_146_B2_H07		ZM_146_B2_H07_MR
70797	ZM_146_B2_H08		ZM_146_B2_H08_MR
70798	ZM_146_B2_H09		ZM_146_B2_H09_MR
70799	ZM_146_B2_H10		ZM_146_B2_H10_MR
70800	ZM_146_B2_H11		ZM_146_B2_H11_MR
70801	ZM_146_B2_H12		ZM_146_B2_H12_MR
70802	ZM_147_A1_A01		ZM_147_A1_A01_MR
70803	ZM_147_A1_A03		ZM_147_A1_A03_MR
70804	ZM_147_A1_A04		ZM_147_A1_A04_MR
70805	ZM_147_A1_A05		ZM_147_A1_A05_MR
70806	ZM_147_A1_A06		ZM_147_A1_A06_MR
70807	ZM_147_A1_A07		ZM_147_A1_A07_MR
70808	ZM_147_A1_A08		ZM_147_A1_A08_MR
70809	ZM_147_A1_A09		ZM_147_A1_A09_MR
70810	ZM_147_A1_A10		ZM_147_A1_A10_MR
70811	ZM_147_A1_A11		ZM_147_A1_A11_MR
70812	ZM_147_A1_A12		ZM_147_A1_A12_MR
70813	ZM_147_A1_B01		ZM_147_A1_B01_MR
70814	ZM_147_A1_B02		ZM_147_A1_B02_MR
70815	ZM_147_A1_B03		ZM_147_A1_B03_MR
70816	ZM_147_A1_B04		ZM_147_A1_B04_MR
70817	ZM_147_A1_B05		ZM_147_A1_B05_MR
70818	ZM_147_A1_B06		ZM_147_A1_B06_MR
70819	ZM_147_A1_B07		ZM_147_A1_B07_MR
70820	ZM_147_A1_B08		ZM_147_A1_B08_MR
70821	ZM_147_A1_B09		ZM_147_A1_B09_MR
70822	ZM_147_A1_B10		ZM_147_A1_B10_MR
70823	ZM_147_A1_B11		ZM_147_A1_B11_MR
70824	ZM_147_A1_B12		ZM_147_A1_B12_MR
70825	ZM_147_A1_C02		ZM_147_A1_C02_MR
70826	ZM_147_A1_C04		ZM_147_A1_C04_MR
70827	ZM_147_A1_C05		ZM_147_A1_C05_MR
70828	ZM_147_A1_C06		ZM_147_A1_C06_MR
70829	ZM_147_A1_C07		ZM_147_A1_C07_MR
70830	ZM_147_A1_C09		ZM_147_A1_C09_MR
70831	ZM_147_A1_C10		ZM_147_A1_C10_MR
70832	ZM_147_A1_D02		ZM_147_A1_D02_MR
70833	ZM_147_A1_D03		ZM_147_A1_D03_MR
70834	ZM_147_A1_D04		ZM_147_A1_D04_MR
70835	ZM_147_A1_D05		ZM_147_A1_D05_MR
70836	ZM_147_A1_D08		ZM_147_A1_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70837	ZM_147_A1_D10		ZM_147_A1_D10_MR
70838	ZM_147_A1_D11		ZM_147_A1_D11_MR
70839	ZM_147_A1_E02		ZM_147_A1_E02_MR
70840	ZM_147_A1_E03		ZM_147_A1_E03_MR
70841	ZM_147_A1_E04		ZM_147_A1_E04_MR
70842	ZM_147_A1_E06		ZM_147_A1_E06_MR
70843	ZM_147_A1_E07		ZM_147_A1_E07_MR
70844	ZM_147_A1_E08		ZM_147_A1_E08_MR
70845	ZM_147_A1_E09		ZM_147_A1_E09_MR
70846	ZM_147_A1_E10		ZM_147_A1_E10_MR
70847	ZM_147_A1_E11		ZM_147_A1_E11_MR
70848	ZM_147_A1_E12		ZM_147_A1_E12_MR
70849	ZM_147_A1_F01		ZM_147_A1_F01_MR
70850	ZM_147_A1_F04		ZM_147_A1_F04_MR
70851	ZM_147_A1_F05		ZM_147_A1_F05_MR
70852	ZM_147_A1_F06		ZM_147_A1_F06_MR
70853	ZM_147_A1_F07		ZM_147_A1_F07_MR
70854	ZM_147_A1_F08		ZM_147_A1_F08_MR
70855	ZM_147_A1_F10		ZM_147_A1_F10_MR
70856	ZM_147_A1_F12		ZM_147_A1_F12_MR
70857	ZM_147_A1_G03		ZM_147_A1_G03_MR
70858	ZM_147_A1_G04		ZM_147_A1_G04_MR
70859	ZM_147_A1_G05		ZM_147_A1_G05_MR
70860	ZM_147_A1_G06		ZM_147_A1_G06_MR
70861	ZM_147_A1_G07		ZM_147_A1_G07_MR
70862	ZM_147_A1_G08		ZM_147_A1_G08_MR
70863	ZM_147_A1_G09		ZM_147_A1_G09_MR
70864	ZM_147_A1_G10		ZM_147_A1_G10_MR
70865	ZM_147_A1_H02		ZM_147_A1_H02_MR
70866	ZM_147_A1_H03		ZM_147_A1_H03_MR
70867	ZM_147_A1_H04		ZM_147_A1_H04_MR
70868	ZM_147_A1_H05		ZM_147_A1_H05_MR
70869	ZM_147_A1_H06		ZM_147_A1_H06_MR
70870	ZM_147_A1_H08		ZM_147_A1_H08_MR
70871	ZM_147_A1_H09		ZM_147_A1_H09_MR
70872	ZM_147_A1_H10		ZM_147_A1_H10_MR
70873	ZM_147_A1_H11		ZM_147_A1_H11_MR
70874	ZM_147_B1_A01	ZM_147_B1_A01_T7C	
70875	ZM_147_B1_A01		ZM_147_B1_A01_MR
70876	ZM_147_B1_A02	ZM_147_B1_A02_T7C	
70877	ZM_147_B1_A02		ZM_147_B1_A02_MR
70878	ZM_147_B1_A03	ZM_147_B1_A03_T7C	
70879	ZM_147_B1_A03		ZM_147_B1_A03_MR
70880	ZM_147_B1_A04		ZM_147_B1_A04_MR
70881	ZM_147_B1_A05		ZM_147_B1_A05_MR
70882	ZM_147_B1_A06	ZM_147_B1_A06_T7C	
70883	ZM_147_B1_A06		ZM_147_B1_A06_MR
70884	ZM_147_B1_A07	ZM_147_B1_A07_T7C	
70885	ZM_147_B1_A07		ZM_147_B1_A07_MR
70886	ZM_147_B1_A10		ZM_147_B1_A10_MR
70887	ZM_147_B1_A11		ZM_147_B1_A11_MR
70888	ZM_147_B1_A12		ZM_147_B1_A12_MR
70889	ZM_147_B1_B01	ZM_147_B1_B01_T7C	
70890	ZM_147_B1_B01		ZM_147_B1_B01_MR
70891	ZM_147_B1_B02		ZM_147_B1_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70892	ZM_147_B1_B03		ZM_147_B1_B03_MR
70893	ZM_147_B1_B04	ZM_147_B1_B04_T7C	
70894	ZM_147_B1_B04		ZM_147_B1_B04_MR
70895	ZM_147_B1_B05		ZM_147_B1_B05_MR
70896	ZM_147_B1_B06		ZM_147_B1_B06_MR
70897	ZM_147_B1_B07	ZM_147_B1_B07_T7C	
70898	ZM_147_B1_B07		ZM_147_B1_B07_MR
70899	ZM_147_B1_B08		ZM_147_B1_B08_MR
70900	ZM_147_B1_B09		ZM_147_B1_B09_MR
70901	ZM_147_B1_B11		ZM_147_B1_B11_MR
70902	ZM_147_B1_C01	ZM_147_B1_C01_T7C	
70903	ZM_147_B1_C01		ZM_147_B1_C01_MR
70904	ZM_147_B1_C02	ZM_147_B1_C02_T7C	
70905	ZM_147_B1_C02		ZM_147_B1_C02_MR
70906	ZM_147_B1_C03		ZM_147_B1_C03_MR
70907	ZM_147_B1_C04	ZM_147_B1_C04_T7C	
70908	ZM_147_B1_C04		ZM_147_B1_C04_MR
70909	ZM_147_B1_C06	ZM_147_B1_C06_T7C	
70910	ZM_147_B1_C06		ZM_147_B1_C06_MR
70911	ZM_147_B1_C07		ZM_147_B1_C07_MR
70912	ZM_147_B1_C08	ZM_147_B1_C08_T7C	
70913	ZM_147_B1_C08		ZM_147_B1_C08_MR
70914	ZM_147_B1_C09	ZM_147_B1_C09_T7C	
70915	ZM_147_B1_C09		ZM_147_B1_C09_MR
70916	ZM_147_B1_C10		ZM_147_B1_C10_MR
70917	ZM_147_B1_C11	ZM_147_B1_C11_T7C	
70918	ZM_147_B1_C11		ZM_147_B1_C11_MR
70919	ZM_147_B1_C12	ZM_147_B1_C12_T7C	
70920	ZM_147_B1_C12		ZM_147_B1_C12_MR
70921	ZM_147_B1_D01		ZM_147_B1_D01_MR
70922	ZM_147_B1_D02		ZM_147_B1_D02_MR
70923	ZM_147_B1_D03		ZM_147_B1_D03_MR
70924	ZM_147_B1_D04		ZM_147_B1_D04_MR
70925	ZM_147_B1_D05		ZM_147_B1_D05_MR
70926	ZM_147_B1_D06		ZM_147_B1_D06_MR
70927	ZM_147_B1_D07		ZM_147_B1_D07_MR
70928	ZM_147_B1_D08		ZM_147_B1_D08_MR
70929	ZM_147_B1_D09	ZM_147_B1_D09_T7C	
70930	ZM_147_B1_D09		ZM_147_B1_D09_MR
70931	ZM_147_B1_D10		ZM_147_B1_D10_MR
70932	ZM_147_B1_D11		ZM_147_B1_D11_MR
70933	ZM_147_B1_D12	ZM_147_B1_D12_T7C	
70934	ZM_147_B1_D12		ZM_147_B1_D12_MR
70935	ZM_147_B1_E01		ZM_147_B1_E01_MR
70936	ZM_147_B1_E02		ZM_147_B1_E02_MR
70937	ZM_147_B1_E03	ZM_147_B1_E03_T7C	
70938	ZM_147_B1_E03		ZM_147_B1_E03_MR
70939	ZM_147_B1_E04		ZM_147_B1_E04_MR
70940	ZM_147_B1_E05		ZM_147_B1_E05_MR
70941	ZM_147_B1_E06		ZM_147_B1_E06_MR
70942	ZM_147_B1_E07		ZM_147_B1_E07_MR
70943	ZM_147_B1_E08	ZM_147_B1_E08_T7C	
70944	ZM_147_B1_E08		ZM_147_B1_E08_MR
70945	ZM_147_B1_E09		ZM_147_B1_E09_MR
70946	ZM_147_B1_E10		ZM_147_B1_E10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
70947	ZM_147_B1_E11	ZM_147_B1_E11_T7C	
70948	ZM_147_B1_E11		ZM_147_B1_E11_MR
70949	ZM_147_B1_E12	ZM_147_B1_E12_T7C	
70950	ZM_147_B1_E12		ZM_147_B1_E12_MR
70951	ZM_147_B1_F01		ZM_147_B1_F01_MR
70952	ZM_147_B1_F02	ZM_147_B1_F02_T7C	
70953	ZM_147_B1_F02		ZM_147_B1_F02_MR
70954	ZM_147_B1_F03		ZM_147_B1_F03_MR
70955	ZM_147_B1_F04		ZM_147_B1_F04_MR
70956	ZM_147_B1_F05		ZM_147_B1_F05_MR
70957	ZM_147_B1_F06		ZM_147_B1_F06_MR
70958	ZM_147_B1_F07		ZM_147_B1_F07_MR
70959	ZM_147_B1_F08	ZM_147_B1_F08_T7C	
70960	ZM_147_B1_F08		ZM_147_B1_F08_MR
70961	ZM_147_B1_F09		ZM_147_B1_F09_MR
70962	ZM_147_B1_F10		ZM_147_B1_F10_MR
70963	ZM_147_B1_F11	ZM_147_B1_F11_T7C	
70964	ZM_147_B1_F11		ZM_147_B1_F11_MR
70965	ZM_147_B1_F12	ZM_147_B1_F12_T7C	
70966	ZM_147_B1_F12		ZM_147_B1_F12_MR
70967	ZM_147_B1_G01	ZM_147_B1_G01_T7C	
70968	ZM_147_B1_G01		ZM_147_B1_G01_MR
70969	ZM_147_B1_G02		ZM_147_B1_G02_MR
70970	ZM_147_B1_G04		ZM_147_B1_G04_MR
70971	ZM_147_B1_G06		ZM_147_B1_G06_MR
70972	ZM_147_B1_G07		ZM_147_B1_G07_MR
70973	ZM_147_B1_G08	ZM_147_B1_G08_T7C	
70974	ZM_147_B1_G10	ZM_147_B1_G10_T7C	
70975	ZM_147_B1_G10		ZM_147_B1_G10_MR
70976	ZM_147_B1_G11	ZM_147_B1_G11_T7C	
70977	ZM_147_B1_G11		ZM_147_B1_G11_MR
70978	ZM_147_B1_H01		ZM_147_B1_H01_MR
70979	ZM_147_B1_H02		ZM_147_B1_H02_MR
70980	ZM_147_B1_H03		ZM_147_B1_H03_MR
70981	ZM_147_B1_H04		ZM_147_B1_H04_MR
70982	ZM_147_B1_H05	ZM_147_B1_H05_T7C	
70983	ZM_147_B1_H07		ZM_147_B1_H07_MR
70984	ZM_147_B1_H08		ZM_147_B1_H08_MR
70985	ZM_147_B1_H09		ZM_147_B1_H09_MR
70986	ZM_147_B1_H10		ZM_147_B1_H10_MR
70987	ZM_147_B1_H12	ZM_147_B1_H12_T7C	
70988	ZM_147_B1_H12		ZM_147_B1_H12_MR
70989	ZM_147_B2_A01	ZM_147_B2_A01_T7C	
70990	ZM_147_B2_A01		ZM_147_B2_A01_MR
70991	ZM_147_B2_A02	ZM_147_B2_A02_T7C	
70992	ZM_147_B2_A02		ZM_147_B2_A02_MR
70993	ZM_147_B2_A03	ZM_147_B2_A03_T7C	
70994	ZM_147_B2_A03		ZM_147_B2_A03_MR
70995	ZM_147_B2_A05	ZM_147_B2_A05_T7C	
70996	ZM_147_B2_A05		ZM_147_B2_A05_MR
70997	ZM_147_B2_A07	ZM_147_B2_A07_T7C	
70998	ZM_147_B2_A07		ZM_147_B2_A07_MR
70999	ZM_147_B2_A08	ZM_147_B2_A08_T7C	
71000	ZM_147_B2_A08		ZM_147_B2_A08_MR
71001	ZM_147_B2_A09	ZM_147_B2_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71002	ZM_147_B2_A09		ZM_147_B2_A09_MR
71003	ZM_147_B2_A10		ZM_147_B2_A10_MR
71004	ZM_147_B2_A11		ZM_147_B2_A11_MR
71005	ZM_147_B2_B01	ZM_147_B2_B01_T7C	
71006	ZM_147_B2_B01		ZM_147_B2_B01_MR
71007	ZM_147_B2_B02	ZM_147_B2_B02_T7C	
71008	ZM_147_B2_B02		ZM_147_B2_B02_MR
71009	ZM_147_B2_B03		ZM_147_B2_B03_MR
71010	ZM_147_B2_B04	ZM_147_B2_B04_T7C	
71011	ZM_147_B2_B04		ZM_147_B2_B04_MR
71012	ZM_147_B2_B05	ZM_147_B2_B05_T7C	
71013	ZM_147_B2_B05		ZM_147_B2_B05_MR
71014	ZM_147_B2_B06	ZM_147_B2_B06_T7C	
71015	ZM_147_B2_B06		ZM_147_B2_B06_MR
71016	ZM_147_B2_B07	ZM_147_B2_B07_T7C	
71017	ZM_147_B2_B07		ZM_147_B2_B07_MR
71018	ZM_147_B2_B08		ZM_147_B2_B08_MR
71019	ZM_147_B2_B09	ZM_147_B2_B09_T7C	
71020	ZM_147_B2_B09		ZM_147_B2_B09_MR
71021	ZM_147_B2_B10	ZM_147_B2_B10_T7C	
71022	ZM_147_B2_B10		ZM_147_B2_B10_MR
71023	ZM_147_B2_B11	ZM_147_B2_B11_T7C	
71024	ZM_147_B2_B11		ZM_147_B2_B11_MR
71025	ZM_147_B2_B12	ZM_147_B2_B12_T7C	
71026	ZM_147_B2_B12		ZM_147_B2_B12_MR
71027	ZM_147_B2_C01	ZM_147_B2_C01_T7C	
71028	ZM_147_B2_C01		ZM_147_B2_C01_MR
71029	ZM_147_B2_C02	ZM_147_B2_C02_T7C	
71030	ZM_147_B2_C02		ZM_147_B2_C02_MR
71031	ZM_147_B2_C03	ZM_147_B2_C03_T7C	
71032	ZM_147_B2_C04	ZM_147_B2_C04_T7C	
71033	ZM_147_B2_C04		ZM_147_B2_C04_MR
71034	ZM_147_B2_C05	ZM_147_B2_C05_T7C	
71035	ZM_147_B2_C05		ZM_147_B2_C05_MR
71036	ZM_147_B2_C06		ZM_147_B2_C06_MR
71037	ZM_147_B2_C07	ZM_147_B2_C07_T7C	
71038	ZM_147_B2_C07		ZM_147_B2_C07_MR
71039	ZM_147_B2_C08		ZM_147_B2_C08_MR
71040	ZM_147_B2_C09	ZM_147_B2_C09_T7C	
71041	ZM_147_B2_C09		ZM_147_B2_C09_MR
71042	ZM_147_B2_C10	ZM_147_B2_C10_T7C	
71043	ZM_147_B2_C10		ZM_147_B2_C10_MR
71044	ZM_147_B2_C11		ZM_147_B2_C11_MR
71045	ZM_147_B2_C12	ZM_147_B2_C12_T7C	
71046	ZM_147_B2_C12		ZM_147_B2_C12_MR
71047	ZM_147_B2_D01	ZM_147_B2_D01_T7C	
71048	ZM_147_B2_D01		ZM_147_B2_D01_MR
71049	ZM_147_B2_D02	ZM_147_B2_D02_T7C	
71050	ZM_147_B2_D02		ZM_147_B2_D02_MR
71051	ZM_147_B2_D03	ZM_147_B2_D03_T7C	
71052	ZM_147_B2_D03		ZM_147_B2_D03_MR
71053	ZM_147_B2_D04	ZM_147_B2_D04_T7C	
71054	ZM_147_B2_D04		ZM_147_B2_D04_MR
71055	ZM_147_B2_D05	ZM_147_B2_D05_T7C	
71056	ZM_147_B2_D05		ZM_147_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71057	ZM_147_B2_D06	ZM_147_B2_D06_T7C	
71058	ZM_147_B2_D06		ZM_147_B2_D06_MR
71059	ZM_147_B2_D07	ZM_147_B2_D07_T7C	
71060	ZM_147_B2_D07		ZM_147_B2_D07_MR
71061	ZM_147_B2_D08	ZM_147_B2_D08_T7C	
71062	ZM_147_B2_D08		ZM_147_B2_D08_MR
71063	ZM_147_B2_D09	ZM_147_B2_D09_T7C	
71064	ZM_147_B2_D09		ZM_147_B2_D09_MR
71065	ZM_147_B2_D10	ZM_147_B2_D10_T7C	
71066	ZM_147_B2_D10		ZM_147_B2_D10_MR
71067	ZM_147_B2_D11	ZM_147_B2_D11_T7C	
71068	ZM_147_B2_D11		ZM_147_B2_D11_MR
71069	ZM_147_B2_D12	ZM_147_B2_D12_T7C	
71070	ZM_147_B2_D12		ZM_147_B2_D12_MR
71071	ZM_147_B2_E01	ZM_147_B2_E01_T7C	
71072	ZM_147_B2_E01		ZM_147_B2_E01_MR
71073	ZM_147_B2_E02	ZM_147_B2_E02_T7C	
71074	ZM_147_B2_E02		ZM_147_B2_E02_MR
71075	ZM_147_B2_E03	ZM_147_B2_E03_T7C	
71076	ZM_147_B2_E03		ZM_147_B2_E03_MR
71077	ZM_147_B2_E04		ZM_147_B2_E04_MR
71078	ZM_147_B2_E05	ZM_147_B2_E05_T7C	
71079	ZM_147_B2_E05		ZM_147_B2_E05_MR
71080	ZM_147_B2_E06	ZM_147_B2_E06_T7C	
71081	ZM_147_B2_E06		ZM_147_B2_E06_MR
71082	ZM_147_B2_E07	ZM_147_B2_E07_T7C	
71083	ZM_147_B2_E08	ZM_147_B2_E08_T7C	
71084	ZM_147_B2_E08		ZM_147_B2_E08_MR
71085	ZM_147_B2_E09	ZM_147_B2_E09_T7C	
71086	ZM_147_B2_E09		ZM_147_B2_E09_MR
71087	ZM_147_B2_E10	ZM_147_B2_E10_T7C	
71088	ZM_147_B2_E10		ZM_147_B2_E10_MR
71089	ZM_147_B2_E11	ZM_147_B2_E11_T7C	
71090	ZM_147_B2_E11		ZM_147_B2_E11_MR
71091	ZM_147_B2_E12		ZM_147_B2_E12_MR
71092	ZM_147_B2_F01	ZM_147_B2_F01_T7C	
71093	ZM_147_B2_F01		ZM_147_B2_F01_MR
71094	ZM_147_B2_F02	ZM_147_B2_F02_T7C	
71095	ZM_147_B2_F02		ZM_147_B2_F02_MR
71096	ZM_147_B2_F03	ZM_147_B2_F03_T7C	
71097	ZM_147_B2_F03		ZM_147_B2_F03_MR
71098	ZM_147_B2_F04	ZM_147_B2_F04_T7C	
71099	ZM_147_B2_F04		ZM_147_B2_F04_MR
71100	ZM_147_B2_F05		ZM_147_B2_F05_MR
71101	ZM_147_B2_F06	ZM_147_B2_F06_T7C	
71102	ZM_147_B2_F06		ZM_147_B2_F06_MR
71103	ZM_147_B2_F07	ZM_147_B2_F07_T7C	
71104	ZM_147_B2_F07		ZM_147_B2_F07_MR
71105	ZM_147_B2_F08	ZM_147_B2_F08_T7C	
71106	ZM_147_B2_F08		ZM_147_B2_F08_MR
71107	ZM_147_B2_F09		ZM_147_B2_F09_MR
71108	ZM_147_B2_F10	ZM_147_B2_F10_T7C	
71109	ZM_147_B2_F10		ZM_147_B2_F10_MR
71110	ZM_147_B2_F11	ZM_147_B2_F11_T7C	
71111	ZM_147_B2_F11		ZM_147_B2_F11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71112	ZM_147_B2_F12	ZM_147_B2_F12_T7C	
71113	ZM_147_B2_F12		ZM_147_B2_F12_MR
71114	ZM_147_B2_G01	ZM_147_B2_G01_T7C	
71115	ZM_147_B2_G01		ZM_147_B2_G01_MR
71116	ZM_147_B2_G02	ZM_147_B2_G02_T7C	
71117	ZM_147_B2_G02		ZM_147_B2_G02_MR
71118	ZM_147_B2_G03	ZM_147_B2_G03_T7C	
71119	ZM_147_B2_G03		ZM_147_B2_G03_MR
71120	ZM_147_B2_G05	ZM_147_B2_G05_T7C	
71121	ZM_147_B2_G05		ZM_147_B2_G05_MR
71122	ZM_147_B2_G06	ZM_147_B2_G06_T7C	
71123	ZM_147_B2_G06		ZM_147_B2_G06_MR
71124	ZM_147_B2_G07	ZM_147_B2_G07_T7C	
71125	ZM_147_B2_G07		ZM_147_B2_G07_MR
71126	ZM_147_B2_G08	ZM_147_B2_G08_T7C	
71127	ZM_147_B2_G08		ZM_147_B2_G08_MR
71128	ZM_147_B2_G09	ZM_147_B2_G09_T7C	
71129	ZM_147_B2_G09		ZM_147_B2_G09_MR
71130	ZM_147_B2_G10	ZM_147_B2_G10_T7C	
71131	ZM_147_B2_G10		ZM_147_B2_G10_MR
71132	ZM_147_B2_G11	ZM_147_B2_G11_T7C	
71133	ZM_147_B2_G11		ZM_147_B2_G11_MR
71134	ZM_147_B2_G12	ZM_147_B2_G12_T7C	
71135	ZM_147_B2_G12		ZM_147_B2_G12_MR
71136	ZM_147_B2_H01	ZM_147_B2_H01_T7C	
71137	ZM_147_B2_H01		ZM_147_B2_H01_MR
71138	ZM_147_B2_H02	ZM_147_B2_H02_T7C	
71139	ZM_147_B2_H02		ZM_147_B2_H02_MR
71140	ZM_147_B2_H03	ZM_147_B2_H03_T7C	
71141	ZM_147_B2_H03		ZM_147_B2_H03_MR
71142	ZM_147_B2_H04		ZM_147_B2_H04_MR
71143	ZM_147_B2_H05	ZM_147_B2_H05_T7C	
71144	ZM_147_B2_H05		ZM_147_B2_H05_MR
71145	ZM_147_B2_H06	ZM_147_B2_H06_T7C	
71146	ZM_147_B2_H06		ZM_147_B2_H06_MR
71147	ZM_147_B2_H07	ZM_147_B2_H07_T7C	
71148	ZM_147_B2_H07		ZM_147_B2_H07_MR
71149	ZM_147_B2_H08	ZM_147_B2_H08_T7C	
71150	ZM_147_B2_H08		ZM_147_B2_H08_MR
71151	ZM_147_B2_H09	ZM_147_B2_H09_T7C	
71152	ZM_147_B2_H09		ZM_147_B2_H09_MR
71153	ZM_147_B2_H10	ZM_147_B2_H10_T7C	
71154	ZM_147_B2_H10		ZM_147_B2_H10_MR
71155	ZM_147_B2_H11	ZM_147_B2_H11_T7C	
71156	ZM_147_B2_H11		ZM_147_B2_H11_MR
71157	ZM_147_B2_H12	ZM_147_B2_H12_T7C	
71158	ZM_147_B2_H12		ZM_147_B2_H12_MR
71159	ZM_148_A1_A02		ZM_148_A1_A02_MR
71160	ZM_148_A1_A04		ZM_148_A1_A04_MR
71161	ZM_148_A1_A05		ZM_148_A1_A05_MR
71162	ZM_148_A1_A07		ZM_148_A1_A07_MR
71163	ZM_148_A1_A08		ZM_148_A1_A08_MR
71164	ZM_148_A1_A11		ZM_148_A1_A11_MR
71165	ZM_148_A1_A12		ZM_148_A1_A12_MR
71166	ZM_148_A1_B01		ZM_148_A1_B01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71167	ZM_148_A1_B02		ZM_148_A1_B02_MR
71168	ZM_148_A1_B03		ZM_148_A1_B03_MR
71169	ZM_148_A1_B04		ZM_148_A1_B04_MR
71170	ZM_148_A1_B05		ZM_148_A1_B05_MR
71171	ZM_148_A1_B06		ZM_148_A1_B06_MR
71172	ZM_148_A1_B07		ZM_148_A1_B07_MR
71173	ZM_148_A1_B08		ZM_148_A1_B08_MR
71174	ZM_148_A1_B09		ZM_148_A1_B09_MR
71175	ZM_148_A1_B10		ZM_148_A1_B10_MR
71176	ZM_148_A1_B12		ZM_148_A1_B12_MR
71177	ZM_148_A1_C01		ZM_148_A1_C01_MR
71178	ZM_148_A1_C02		ZM_148_A1_C02_MR
71179	ZM_148_A1_C03		ZM_148_A1_C03_MR
71180	ZM_148_A1_C04		ZM_148_A1_C04_MR
71181	ZM_148_A1_C05		ZM_148_A1_C05_MR
71182	ZM_148_A1_C06		ZM_148_A1_C06_MR
71183	ZM_148_A1_C07		ZM_148_A1_C07_MR
71184	ZM_148_A1_C08		ZM_148_A1_C08_MR
71185	ZM_148_A1_C09		ZM_148_A1_C09_MR
71186	ZM_148_A1_C11		ZM_148_A1_C11_MR
71187	ZM_148_A1_C12		ZM_148_A1_C12_MR
71188	ZM_148_A1_D01		ZM_148_A1_D01_MR
71189	ZM_148_A1_D02		ZM_148_A1_D02_MR
71190	ZM_148_A1_D03		ZM_148_A1_D03_MR
71191	ZM_148_A1_D04		ZM_148_A1_D04_MR
71192	ZM_148_A1_D05		ZM_148_A1_D05_MR
71193	ZM_148_A1_D06		ZM_148_A1_D06_MR
71194	ZM_148_A1_D07		ZM_148_A1_D07_MR
71195	ZM_148_A1_D08		ZM_148_A1_D08_MR
71196	ZM_148_A1_D09		ZM_148_A1_D09_MR
71197	ZM_148_A1_D10		ZM_148_A1_D10_MR
71198	ZM_148_A1_D11		ZM_148_A1_D11_MR
71199	ZM_148_A1_D12		ZM_148_A1_D12_MR
71200	ZM_148_A1_E02		ZM_148_A1_E02_MR
71201	ZM_148_A1_E04		ZM_148_A1_E04_MR
71202	ZM_148_A1_E05		ZM_148_A1_E05_MR
71203	ZM_148_A1_E06		ZM_148_A1_E06_MR
71204	ZM_148_A1_E07		ZM_148_A1_E07_MR
71205	ZM_148_A1_E08		ZM_148_A1_E08_MR
71206	ZM_148_A1_E09		ZM_148_A1_E09_MR
71207	ZM_148_A1_E10		ZM_148_A1_E10_MR
71208	ZM_148_A1_E11		ZM_148_A1_E11_MR
71209	ZM_148_A1_E12		ZM_148_A1_E12_MR
71210	ZM_148_A1_F01		ZM_148_A1_F01_MR
71211	ZM_148_A1_F02		ZM_148_A1_F02_MR
71212	ZM_148_A1_F03		ZM_148_A1_F03_MR
71213	ZM_148_A1_F04		ZM_148_A1_F04_MR
71214	ZM_148_A1_F05		ZM_148_A1_F05_MR
71215	ZM_148_A1_F06		ZM_148_A1_F06_MR
71216	ZM_148_A1_F07		ZM_148_A1_F07_MR
71217	ZM_148_A1_F08		ZM_148_A1_F08_MR
71218	ZM_148_A1_F09		ZM_148_A1_F09_MR
71219	ZM_148_A1_F10		ZM_148_A1_F10_MR
71220	ZM_148_A1_F11		ZM_148_A1_F11_MR
71221	ZM_148_A1_F12		ZM_148_A1_F12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71222	ZM_148_A1_G01		ZM_148_A1_G01_MR
71223	ZM_148_A1_G02		ZM_148_A1_G02_MR
71224	ZM_148_A1_G03		ZM_148_A1_G03_MR
71225	ZM_148_A1_G04		ZM_148_A1_G04_MR
71226	ZM_148_A1_G06		ZM_148_A1_G06_MR
71227	ZM_148_A1_G07		ZM_148_A1_G07_MR
71228	ZM_148_A1_G08		ZM_148_A1_G08_MR
71229	ZM_148_A1_G09		ZM_148_A1_G09_MR
71230	ZM_148_A1_G10		ZM_148_A1_G10_MR
71231	ZM_148_A1_G11		ZM_148_A1_G11_MR
71232	ZM_148_A1_G12		ZM_148_A1_G12_MR
71233	ZM_148_A1_H01		ZM_148_A1_H01_MR
71234	ZM_148_A1_H02		ZM_148_A1_H02_MR
71235	ZM_148_A1_H03		ZM_148_A1_H03_MR
71236	ZM_148_A1_H04		ZM_148_A1_H04_MR
71237	ZM_148_A1_H05		ZM_148_A1_H05_MR
71238	ZM_148_A1_H06		ZM_148_A1_H06_MR
71239	ZM_148_A1_H07		ZM_148_A1_H07_MR
71240	ZM_148_A1_H08		ZM_148_A1_H08_MR
71241	ZM_148_A1_H09		ZM_148_A1_H09_MR
71242	ZM_148_A1_H10		ZM_148_A1_H10_MR
71243	ZM_148_A1_H11		ZM_148_A1_H11_MR
71244	ZM_148_A1_H12		ZM_148_A1_H12_MR
71245	ZM_148_A2_A01		ZM_148_A2_A01_MR
71246	ZM_148_A2_A02	ZM_148_A2_A02_T7C	
71247	ZM_148_A2_A02		ZM_148_A2_A02_MR
71248	ZM_148_A2_A03		ZM_148_A2_A03_MR
71249	ZM_148_A2_A04		ZM_148_A2_A04_MR
71250	ZM_148_A2_A05		ZM_148_A2_A05_MR
71251	ZM_148_A2_A06		ZM_148_A2_A06_MR
71252	ZM_148_A2_A07		ZM_148_A2_A07_MR
71253	ZM_148_A2_A08		ZM_148_A2_A08_MR
71254	ZM_148_A2_A09		ZM_148_A2_A09_MR
71255	ZM_148_A2_A10	ZM_148_A2_A10_T7C	
71256	ZM_148_A2_A10		ZM_148_A2_A10_MR
71257	ZM_148_A2_A11	ZM_148_A2_A11_T7C	
71258	ZM_148_A2_A11		ZM_148_A2_A11_MR
71259	ZM_148_A2_A12		ZM_148_A2_A12_MR
71260	ZM_148_A2_B01	ZM_148_A2_B01_T7C	
71261	ZM_148_A2_B01		ZM_148_A2_B01_MR
71262	ZM_148_A2_B02		ZM_148_A2_B02_MR
71263	ZM_148_A2_B03		ZM_148_A2_B03_MR
71264	ZM_148_A2_B04		ZM_148_A2_B04_MR
71265	ZM_148_A2_B05	ZM_148_A2_B05_T7C	
71266	ZM_148_A2_B05		ZM_148_A2_B05_MR
71267	ZM_148_A2_B06	ZM_148_A2_B06_T7C	
71268	ZM_148_A2_B06		ZM_148_A2_B06_MR
71269	ZM_148_A2_B07		ZM_148_A2_B07_MR
71270	ZM_148_A2_B08		ZM_148_A2_B08_MR
71271	ZM_148_A2_B09	ZM_148_A2_B09_T7C	
71272	ZM_148_A2_B09		ZM_148_A2_B09_MR
71273	ZM_148_A2_B11	ZM_148_A2_B11_T7C	
71274	ZM_148_A2_B11		ZM_148_A2_B11_MR
71275	ZM_148_A2_C01		ZM_148_A2_C01_MR
71276	ZM_148_A2_C02	ZM_148_A2_C02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71277	ZM_148_A2_C02		ZM_148_A2_C02_MR
71278	ZM_148_A2_C03	ZM_148_A2_C03_T7C	
71279	ZM_148_A2_C03		ZM_148_A2_C03_MR
71280	ZM_148_A2_C04	ZM_148_A2_C04_T7C	
71281	ZM_148_A2_C04		ZM_148_A2_C04_MR
71282	ZM_148_A2_C05		ZM_148_A2_C05_MR
71283	ZM_148_A2_C06		ZM_148_A2_C06_MR
71284	ZM_148_A2_C07		ZM_148_A2_C07_MR
71285	ZM_148_A2_C08	ZM_148_A2_C08_T7C	
71286	ZM_148_A2_C08		ZM_148_A2_C08_MR
71287	ZM_148_A2_C09	ZM_148_A2_C09_T7C	
71288	ZM_148_A2_C09		ZM_148_A2_C09_MR
71289	ZM_148_A2_C10		ZM_148_A2_C10_MR
71290	ZM_148_A2_C11	ZM_148_A2_C11_T7C	
71291	ZM_148_A2_C11		ZM_148_A2_C11_MR
71292	ZM_148_A2_D01		ZM_148_A2_D01_MR
71293	ZM_148_A2_D03	ZM_148_A2_D03_T7C	
71294	ZM_148_A2_D03		ZM_148_A2_D03_MR
71295	ZM_148_A2_D04		ZM_148_A2_D04_MR
71296	ZM_148_A2_D05		ZM_148_A2_D05_MR
71297	ZM_148_A2_D06		ZM_148_A2_D06_MR
71298	ZM_148_A2_D07		ZM_148_A2_D07_MR
71299	ZM_148_A2_D08		ZM_148_A2_D08_MR
71300	ZM_148_A2_D09	ZM_148_A2_D09_T7C	
71301	ZM_148_A2_D09		ZM_148_A2_D09_MR
71302	ZM_148_A2_D10		ZM_148_A2_D10_MR
71303	ZM_148_A2_D11		ZM_148_A2_D11_MR
71304	ZM_148_A2_D12	ZM_148_A2_D12_T7C	
71305	ZM_148_A2_D12		ZM_148_A2_D12_MR
71306	ZM_148_A2_E02		ZM_148_A2_E02_MR
71307	ZM_148_A2_E03		ZM_148_A2_E03_MR
71308	ZM_148_A2_E04		ZM_148_A2_E04_MR
71309	ZM_148_A2_E05		ZM_148_A2_E05_MR
71310	ZM_148_A2_E06		ZM_148_A2_E06_MR
71311	ZM_148_A2_E07	ZM_148_A2_E07_T7C	
71312	ZM_148_A2_E07		ZM_148_A2_E07_MR
71313	ZM_148_A2_E08		ZM_148_A2_E08_MR
71314	ZM_148_A2_E09	ZM_148_A2_E09_T7C	
71315	ZM_148_A2_E09		ZM_148_A2_E09_MR
71316	ZM_148_A2_E10	ZM_148_A2_E10_T7C	
71317	ZM_148_A2_E10		ZM_148_A2_E10_MR
71318	ZM_148_A2_E11	ZM_148_A2_E11_T7C	
71319	ZM_148_A2_E11		ZM_148_A2_E11_MR
71320	ZM_148_A2_E12	ZM_148_A2_E12_T7C	
71321	ZM_148_A2_E12		ZM_148_A2_E12_MR
71322	ZM_148_A2_F01		ZM_148_A2_F01_MR
71323	ZM_148_A2_F02		ZM_148_A2_F02_MR
71324	ZM_148_A2_F03	ZM_148_A2_F03_T7C	
71325	ZM_148_A2_F03		ZM_148_A2_F03_MR
71326	ZM_148_A2_F04		ZM_148_A2_F04_MR
71327	ZM_148_A2_F05		ZM_148_A2_F05_MR
71328	ZM_148_A2_F06		ZM_148_A2_F06_MR
71329	ZM_148_A2_F07		ZM_148_A2_F07_MR
71330	ZM_148_A2_F08		ZM_148_A2_F08_MR
71331	ZM_148_A2_F09		ZM_148_A2_F09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71332	ZM_148_A2_F10		ZM_148_A2_F10_MR
71333	ZM_148_A2_G01		ZM_148_A2_G01_MR
71334	ZM_148_A2_G02	ZM_148_A2_G02_T7C	
71335	ZM_148_A2_G02		ZM_148_A2_G02_MR
71336	ZM_148_A2_G03		ZM_148_A2_G03_MR
71337	ZM_148_A2_G04		ZM_148_A2_G04_MR
71338	ZM_148_A2_G05		ZM_148_A2_G05_MR
71339	ZM_148_A2_G06		ZM_148_A2_G06_MR
71340	ZM_148_A2_G08	ZM_148_A2_G08_T7C	
71341	ZM_148_A2_G08		ZM_148_A2_G08_MR
71342	ZM_148_A2_G09		ZM_148_A2_G09_MR
71343	ZM_148_A2_G10		ZM_148_A2_G10_MR
71344	ZM_148_A2_G11		ZM_148_A2_G11_MR
71345	ZM_148_A2_G12		ZM_148_A2_G12_MR
71346	ZM_148_A2_H01	ZM_148_A2_H01_T7C	
71347	ZM_148_A2_H01		ZM_148_A2_H01_MR
71348	ZM_148_A2_H02	ZM_148_A2_H02_T7C	
71349	ZM_148_A2_H02		ZM_148_A2_H02_MR
71350	ZM_148_A2_H03		ZM_148_A2_H03_MR
71351	ZM_148_A2_H04		ZM_148_A2_H04_MR
71352	ZM_148_A2_H06		ZM_148_A2_H06_MR
71353	ZM_148_A2_H07		ZM_148_A2_H07_MR
71354	ZM_148_A2_H08		ZM_148_A2_H08_MR
71355	ZM_148_A2_H09		ZM_148_A2_H09_MR
71356	ZM_148_B1_A01		ZM_148_B1_A01_MR
71357	ZM_148_B1_A02		ZM_148_B1_A02_MR
71358	ZM_148_B1_A03		ZM_148_B1_A03_MR
71359	ZM_148_B1_A04		ZM_148_B1_A04_MR
71360	ZM_148_B1_A05		ZM_148_B1_A05_MR
71361	ZM_148_B1_A06		ZM_148_B1_A06_MR
71362	ZM_148_B1_A07		ZM_148_B1_A07_MR
71363	ZM_148_B1_A08		ZM_148_B1_A08_MR
71364	ZM_148_B1_A09		ZM_148_B1_A09_MR
71365	ZM_148_B1_A10		ZM_148_B1_A10_MR
71366	ZM_148_B1_A11		ZM_148_B1_A11_MR
71367	ZM_148_B1_A12		ZM_148_B1_A12_MR
71368	ZM_148_B1_B01		ZM_148_B1_B01_MR
71369	ZM_148_B1_B02		ZM_148_B1_B02_MR
71370	ZM_148_B1_B03		ZM_148_B1_B03_MR
71371	ZM_148_B1_B04		ZM_148_B1_B04_MR
71372	ZM_148_B1_B05		ZM_148_B1_B05_MR
71373	ZM_148_B1_B06		ZM_148_B1_B06_MR
71374	ZM_148_B1_B07		ZM_148_B1_B07_MR
71375	ZM_148_B1_B08		ZM_148_B1_B08_MR
71376	ZM_148_B1_B09		ZM_148_B1_B09_MR
71377	ZM_148_B1_B10		ZM_148_B1_B10_MR
71378	ZM_148_B1_B11		ZM_148_B1_B11_MR
71379	ZM_148_B1_B12		ZM_148_B1_B12_MR
71380	ZM_148_B1_C01		ZM_148_B1_C01_MR
71381	ZM_148_B1_C02		ZM_148_B1_C02_MR
71382	ZM_148_B1_C03		ZM_148_B1_C03_MR
71383	ZM_148_B1_C04		ZM_148_B1_C04_MR
71384	ZM_148_B1_C05		ZM_148_B1_C05_MR
71385	ZM_148_B1_C06		ZM_148_B1_C06_MR
71386	ZM_148_B1_C07		ZM_148_B1_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71387	ZM_148_B1_C08		ZM_148_B1_C08_MR
71388	ZM_148_B1_C09		ZM_148_B1_C09_MR
71389	ZM_148_B1_C10		ZM_148_B1_C10_MR
71390	ZM_148_B1_C11		ZM_148_B1_C11_MR
71391	ZM_148_B1_C12		ZM_148_B1_C12_MR
71392	ZM_148_B1_D01		ZM_148_B1_D01_MR
71393	ZM_148_B1_D02		ZM_148_B1_D02_MR
71394	ZM_148_B1_D03		ZM_148_B1_D03_MR
71395	ZM_148_B1_D04		ZM_148_B1_D04_MR
71396	ZM_148_B1_D05		ZM_148_B1_D05_MR
71397	ZM_148_B1_D06		ZM_148_B1_D06_MR
71398	ZM_148_B1_D07		ZM_148_B1_D07_MR
71399	ZM_148_B1_D08		ZM_148_B1_D08_MR
71400	ZM_148_B1_D09		ZM_148_B1_D09_MR
71401	ZM_148_B1_D10		ZM_148_B1_D10_MR
71402	ZM_148_B1_D11		ZM_148_B1_D11_MR
71403	ZM_148_B1_D12		ZM_148_B1_D12_MR
71404	ZM_148_B1_E01		ZM_148_B1_E01_MR
71405	ZM_148_B1_E02		ZM_148_B1_E02_MR
71406	ZM_148_B1_E03		ZM_148_B1_E03_MR
71407	ZM_148_B1_E04		ZM_148_B1_E04_MR
71408	ZM_148_B1_E05		ZM_148_B1_E05_MR
71409	ZM_148_B1_E06		ZM_148_B1_E06_MR
71410	ZM_148_B1_E07		ZM_148_B1_E07_MR
71411	ZM_148_B1_E08		ZM_148_B1_E08_MR
71412	ZM_148_B1_E09		ZM_148_B1_E09_MR
71413	ZM_148_B1_E10		ZM_148_B1_E10_MR
71414	ZM_148_B1_E11		ZM_148_B1_E11_MR
71415	ZM_148_B1_E12		ZM_148_B1_E12_MR
71416	ZM_148_B1_F01		ZM_148_B1_F01_MR
71417	ZM_148_B1_F02		ZM_148_B1_F02_MR
71418	ZM_148_B1_F03		ZM_148_B1_F03_MR
71419	ZM_148_B1_F04		ZM_148_B1_F04_MR
71420	ZM_148_B1_F05		ZM_148_B1_F05_MR
71421	ZM_148_B1_F06		ZM_148_B1_F06_MR
71422	ZM_148_B1_F07		ZM_148_B1_F07_MR
71423	ZM_148_B1_F08		ZM_148_B1_F08_MR
71424	ZM_148_B1_F09		ZM_148_B1_F09_MR
71425	ZM_148_B1_F10		ZM_148_B1_F10_MR
71426	ZM_148_B1_F11		ZM_148_B1_F11_MR
71427	ZM_148_B1_F12		ZM_148_B1_F12_MR
71428	ZM_148_B1_G01		ZM_148_B1_G01_MR
71429	ZM_148_B1_G02		ZM_148_B1_G02_MR
71430	ZM_148_B1_G03		ZM_148_B1_G03_MR
71431	ZM_148_B1_G04		ZM_148_B1_G04_MR
71432	ZM_148_B1_G05		ZM_148_B1_G05_MR
71433	ZM_148_B1_G06		ZM_148_B1_G06_MR
71434	ZM_148_B1_G07		ZM_148_B1_G07_MR
71435	ZM_148_B1_G08		ZM_148_B1_G08_MR
71436	ZM_148_B1_G10		ZM_148_B1_G10_MR
71437	ZM_148_B1_G11		ZM_148_B1_G11_MR
71438	ZM_148_B1_G12		ZM_148_B1_G12_MR
71439	ZM_148_B1_H02		ZM_148_B1_H02_MR
71440	ZM_148_B1_H03		ZM_148_B1_H03_MR
71441	ZM_148_B1_H04		ZM_148_B1_H04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71442	ZM_148_B1_H05		ZM_148_B1_H05_MR
71443	ZM_148_B1_H06		ZM_148_B1_H06_MR
71444	ZM_148_B1_H07		ZM_148_B1_H07_MR
71445	ZM_148_B1_H08		ZM_148_B1_H08_MR
71446	ZM_148_B1_H09		ZM_148_B1_H09_MR
71447	ZM_148_B1_H10		ZM_148_B1_H10_MR
71448	ZM_148_B1_H11		ZM_148_B1_H11_MR
71449	ZM_148_B1_H12		ZM_148_B1_H12_MR
71450	ZM_148_B2_A01		ZM_148_B2_A01_MR
71451	ZM_148_B2_A03		ZM_148_B2_A03_MR
71452	ZM_148_B2_A04		ZM_148_B2_A04_MR
71453	ZM_148_B2_A05		ZM_148_B2_A05_MR
71454	ZM_148_B2_A06		ZM_148_B2_A06_MR
71455	ZM_148_B2_A07		ZM_148_B2_A07_MR
71456	ZM_148_B2_A08		ZM_148_B2_A08_MR
71457	ZM_148_B2_A09		ZM_148_B2_A09_MR
71458	ZM_148_B2_A10		ZM_148_B2_A10_MR
71459	ZM_148_B2_A11		ZM_148_B2_A11_MR
71460	ZM_148_B2_B01		ZM_148_B2_B01_MR
71461	ZM_148_B2_B02		ZM_148_B2_B02_MR
71462	ZM_148_B2_B03		ZM_148_B2_B03_MR
71463	ZM_148_B2_B04		ZM_148_B2_B04_MR
71464	ZM_148_B2_B05		ZM_148_B2_B05_MR
71465	ZM_148_B2_B06		ZM_148_B2_B06_MR
71466	ZM_148_B2_B07		ZM_148_B2_B07_MR
71467	ZM_148_B2_B08		ZM_148_B2_B08_MR
71468	ZM_148_B2_B09		ZM_148_B2_B09_MR
71469	ZM_148_B2_B10		ZM_148_B2_B10_MR
71470	ZM_148_B2_B12		ZM_148_B2_B12_MR
71471	ZM_148_B2_C01		ZM_148_B2_C01_MR
71472	ZM_148_B2_C02		ZM_148_B2_C02_MR
71473	ZM_148_B2_C03		ZM_148_B2_C03_MR
71474	ZM_148_B2_C04		ZM_148_B2_C04_MR
71475	ZM_148_B2_C05		ZM_148_B2_C05_MR
71476	ZM_148_B2_C06		ZM_148_B2_C06_MR
71477	ZM_148_B2_C07		ZM_148_B2_C07_MR
71478	ZM_148_B2_C08		ZM_148_B2_C08_MR
71479	ZM_148_B2_C09		ZM_148_B2_C09_MR
71480	ZM_148_B2_C10		ZM_148_B2_C10_MR
71481	ZM_148_B2_C11		ZM_148_B2_C11_MR
71482	ZM_148_B2_C12		ZM_148_B2_C12_MR
71483	ZM_148_B2_D01		ZM_148_B2_D01_MR
71484	ZM_148_B2_D02		ZM_148_B2_D02_MR
71485	ZM_148_B2_D03		ZM_148_B2_D03_MR
71486	ZM_148_B2_D04		ZM_148_B2_D04_MR
71487	ZM_148_B2_D05		ZM_148_B2_D05_MR
71488	ZM_148_B2_D06		ZM_148_B2_D06_MR
71489	ZM_148_B2_D07		ZM_148_B2_D07_MR
71490	ZM_148_B2_D08		ZM_148_B2_D08_MR
71491	ZM_148_B2_D09		ZM_148_B2_D09_MR
71492	ZM_148_B2_D10		ZM_148_B2_D10_MR
71493	ZM_148_B2_D11		ZM_148_B2_D11_MR
71494	ZM_148_B2_E01		ZM_148_B2_E01_MR
71495	ZM_148_B2_E02		ZM_148_B2_E02_MR
71496	ZM_148_B2_E03		ZM_148_B2_E03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71497	ZM_148_B2_E04		ZM_148_B2_E04_MR
71498	ZM_148_B2_E05		ZM_148_B2_E05_MR
71499	ZM_148_B2_E06		ZM_148_B2_E06_MR
71500	ZM_148_B2_E07		ZM_148_B2_E07_MR
71501	ZM_148_B2_E08		ZM_148_B2_E08_MR
71502	ZM_148_B2_E09		ZM_148_B2_E09_MR
71503	ZM_148_B2_E11		ZM_148_B2_E11_MR
71504	ZM_148_B2_E12		ZM_148_B2_E12_MR
71505	ZM_148_B2_F01		ZM_148_B2_F01_MR
71506	ZM_148_B2_F03		ZM_148_B2_F03_MR
71507	ZM_148_B2_F04		ZM_148_B2_F04_MR
71508	ZM_148_B2_F05		ZM_148_B2_F05_MR
71509	ZM_148_B2_F06		ZM_148_B2_F06_MR
71510	ZM_148_B2_F07		ZM_148_B2_F07_MR
71511	ZM_148_B2_F09		ZM_148_B2_F09_MR
71512	ZM_148_B2_F11		ZM_148_B2_F11_MR
71513	ZM_148_B2_F12		ZM_148_B2_F12_MR
71514	ZM_148_B2_G01		ZM_148_B2_G01_MR
71515	ZM_148_B2_G02		ZM_148_B2_G02_MR
71516	ZM_148_B2_G03		ZM_148_B2_G03_MR
71517	ZM_148_B2_G04		ZM_148_B2_G04_MR
71518	ZM_148_B2_G05		ZM_148_B2_G05_MR
71519	ZM_148_B2_G06		ZM_148_B2_G06_MR
71520	ZM_148_B2_G07		ZM_148_B2_G07_MR
71521	ZM_148_B2_G08		ZM_148_B2_G08_MR
71522	ZM_148_B2_G09		ZM_148_B2_G09_MR
71523	ZM_148_B2_G11		ZM_148_B2_G11_MR
71524	ZM_148_B2_H01		ZM_148_B2_H01_MR
71525	ZM_148_B2_H02		ZM_148_B2_H02_MR
71526	ZM_148_B2_H03		ZM_148_B2_H03_MR
71527	ZM_148_B2_H04		ZM_148_B2_H04_MR
71528	ZM_148_B2_H05		ZM_148_B2_H05_MR
71529	ZM_148_B2_H06		ZM_148_B2_H06_MR
71530	ZM_148_B2_H07		ZM_148_B2_H07_MR
71531	ZM_148_B2_H08		ZM_148_B2_H08_MR
71532	ZM_148_B2_H09		ZM_148_B2_H09_MR
71533	ZM_148_B2_H10		ZM_148_B2_H10_MR
71534	ZM_148_B2_H11		ZM_148_B2_H11_MR
71535	ZM_148_B2_H12		ZM_148_B2_H12_MR
71536	ZM_149_B1_A01		ZM_149_B1_A01_MR
71537	ZM_149_B1_A02		ZM_149_B1_A02_MR
71538	ZM_149_B1_A03		ZM_149_B1_A03_MR
71539	ZM_149_B1_A04		ZM_149_B1_A04_MR
71540	ZM_149_B1_A05		ZM_149_B1_A05_MR
71541	ZM_149_B1_A06		ZM_149_B1_A06_MR
71542	ZM_149_B1_A07		ZM_149_B1_A07_MR
71543	ZM_149_B1_A08		ZM_149_B1_A08_MR
71544	ZM_149_B1_A09		ZM_149_B1_A09_MR
71545	ZM_149_B1_A10		ZM_149_B1_A10_MR
71546	ZM_149_B1_A11		ZM_149_B1_A11_MR
71547	ZM_149_B1_A12		ZM_149_B1_A12_MR
71548	ZM_149_B1_B01		ZM_149_B1_B01_MR
71549	ZM_149_B1_B02		ZM_149_B1_B02_MR
71550	ZM_149_B1_B03		ZM_149_B1_B03_MR
71551	ZM_149_B1_B04		ZM_149_B1_B04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71552	ZM_149_B1_B05		ZM_149_B1_B05_MR
71553	ZM_149_B1_B06		ZM_149_B1_B06_MR
71554	ZM_149_B1_B07		ZM_149_B1_B07_MR
71555	ZM_149_B1_B08		ZM_149_B1_B08_MR
71556	ZM_149_B1_B09		ZM_149_B1_B09_MR
71557	ZM_149_B1_B10		ZM_149_B1_B10_MR
71558	ZM_149_B1_B11		ZM_149_B1_B11_MR
71559	ZM_149_B1_B12		ZM_149_B1_B12_MR
71560	ZM_149_B1_C02		ZM_149_B1_C02_MR
71561	ZM_149_B1_C03		ZM_149_B1_C03_MR
71562	ZM_149_B1_C04		ZM_149_B1_C04_MR
71563	ZM_149_B1_C05		ZM_149_B1_C05_MR
71564	ZM_149_B1_C06		ZM_149_B1_C06_MR
71565	ZM_149_B1_C07		ZM_149_B1_C07_MR
71566	ZM_149_B1_C09		ZM_149_B1_C09_MR
71567	ZM_149_B1_C10		ZM_149_B1_C10_MR
71568	ZM_149_B1_C11		ZM_149_B1_C11_MR
71569	ZM_149_B1_C12		ZM_149_B1_C12_MR
71570	ZM_149_B1_D01		ZM_149_B1_D01_MR
71571	ZM_149_B1_D03		ZM_149_B1_D03_MR
71572	ZM_149_B1_D04		ZM_149_B1_D04_MR
71573	ZM_149_B1_D05		ZM_149_B1_D05_MR
71574	ZM_149_B1_D06		ZM_149_B1_D06_MR
71575	ZM_149_B1_D07		ZM_149_B1_D07_MR
71576	ZM_149_B1_D08		ZM_149_B1_D08_MR
71577	ZM_149_B1_D09		ZM_149_B1_D09_MR
71578	ZM_149_B1_D11		ZM_149_B1_D11_MR
71579	ZM_149_B1_D12		ZM_149_B1_D12_MR
71580	ZM_149_B1_E01		ZM_149_B1_E01_MR
71581	ZM_149_B1_E02		ZM_149_B1_E02_MR
71582	ZM_149_B1_E03		ZM_149_B1_E03_MR
71583	ZM_149_B1_E04		ZM_149_B1_E04_MR
71584	ZM_149_B1_E05		ZM_149_B1_E05_MR
71585	ZM_149_B1_E06		ZM_149_B1_E06_MR
71586	ZM_149_B1_E07		ZM_149_B1_E07_MR
71587	ZM_149_B1_E08		ZM_149_B1_E08_MR
71588	ZM_149_B1_E09		ZM_149_B1_E09_MR
71589	ZM_149_B1_E10		ZM_149_B1_E10_MR
71590	ZM_149_B1_E11		ZM_149_B1_E11_MR
71591	ZM_149_B1_E12		ZM_149_B1_E12_MR
71592	ZM_149_B1_F01		ZM_149_B1_F01_MR
71593	ZM_149_B1_F02		ZM_149_B1_F02_MR
71594	ZM_149_B1_F03		ZM_149_B1_F03_MR
71595	ZM_149_B1_F04		ZM_149_B1_F04_MR
71596	ZM_149_B1_F05		ZM_149_B1_F05_MR
71597	ZM_149_B1_F06		ZM_149_B1_F06_MR
71598	ZM_149_B1_F07		ZM_149_B1_F07_MR
71599	ZM_149_B1_F08		ZM_149_B1_F08_MR
71600	ZM_149_B1_F09		ZM_149_B1_F09_MR
71601	ZM_149_B1_F10		ZM_149_B1_F10_MR
71602	ZM_149_B1_F11		ZM_149_B1_F11_MR
71603	ZM_149_B1_F12		ZM_149_B1_F12_MR
71604	ZM_149_B1_G01		ZM_149_B1_G01_MR
71605	ZM_149_B1_G02		ZM_149_B1_G02_MR
71606	ZM_149_B1_G03		ZM_149_B1_G03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71607	ZM_149_B1_G04		ZM_149_B1_G04_MR
71608	ZM_149_B1_G05		ZM_149_B1_G05_MR
71609	ZM_149_B1_G06		ZM_149_B1_G06_MR
71610	ZM_149_B1_G07		ZM_149_B1_G07_MR
71611	ZM_149_B1_G08		ZM_149_B1_G08_MR
71612	ZM_149_B1_G09		ZM_149_B1_G09_MR
71613	ZM_149_B1_G10		ZM_149_B1_G10_MR
71614	ZM_149_B1_G11		ZM_149_B1_G11_MR
71615	ZM_149_B1_G12		ZM_149_B1_G12_MR
71616	ZM_149_B1_H01		ZM_149_B1_H01_MR
71617	ZM_149_B1_H02		ZM_149_B1_H02_MR
71618	ZM_149_B1_H03		ZM_149_B1_H03_MR
71619	ZM_149_B1_H04		ZM_149_B1_H04_MR
71620	ZM_149_B1_H07		ZM_149_B1_H07_MR
71621	ZM_149_B1_H08		ZM_149_B1_H08_MR
71622	ZM_149_B1_H09		ZM_149_B1_H09_MR
71623	ZM_149_B1_H10		ZM_149_B1_H10_MR
71624	ZM_149_B1_H11		ZM_149_B1_H11_MR
71625	ZM_149_B1_H12		ZM_149_B1_H12_MR
71626	ZM_149_B2_A01		ZM_149_B2_A01_MR
71627	ZM_149_B2_A02		ZM_149_B2_A02_MR
71628	ZM_149_B2_A03		ZM_149_B2_A03_MR
71629	ZM_149_B2_A05		ZM_149_B2_A05_MR
71630	ZM_149_B2_A06		ZM_149_B2_A06_MR
71631	ZM_149_B2_A07		ZM_149_B2_A07_MR
71632	ZM_149_B2_A08		ZM_149_B2_A08_MR
71633	ZM_149_B2_A09		ZM_149_B2_A09_MR
71634	ZM_149_B2_A10		ZM_149_B2_A10_MR
71635	ZM_149_B2_A11		ZM_149_B2_A11_MR
71636	ZM_149_B2_B01		ZM_149_B2_B01_MR
71637	ZM_149_B2_B02		ZM_149_B2_B02_MR
71638	ZM_149_B2_B05		ZM_149_B2_B05_MR
71639	ZM_149_B2_B06		ZM_149_B2_B06_MR
71640	ZM_149_B2_B08		ZM_149_B2_B08_MR
71641	ZM_149_B2_B09		ZM_149_B2_B09_MR
71642	ZM_149_B2_B10		ZM_149_B2_B10_MR
71643	ZM_149_B2_B12		ZM_149_B2_B12_MR
71644	ZM_149_B2_C01		ZM_149_B2_C01_MR
71645	ZM_149_B2_C02		ZM_149_B2_C02_MR
71646	ZM_149_B2_C03		ZM_149_B2_C03_MR
71647	ZM_149_B2_C04		ZM_149_B2_C04_MR
71648	ZM_149_B2_C05		ZM_149_B2_C05_MR
71649	ZM_149_B2_C08		ZM_149_B2_C08_MR
71650	ZM_149_B2_C09		ZM_149_B2_C09_MR
71651	ZM_149_B2_C10		ZM_149_B2_C10_MR
71652	ZM_149_B2_C11		ZM_149_B2_C11_MR
71653	ZM_149_B2_C12		ZM_149_B2_C12_MR
71654	ZM_149_B2_D01		ZM_149_B2_D01_MR
71655	ZM_149_B2_D02		ZM_149_B2_D02_MR
71656	ZM_149_B2_D03		ZM_149_B2_D03_MR
71657	ZM_149_B2_D04		ZM_149_B2_D04_MR
71658	ZM_149_B2_D05		ZM_149_B2_D05_MR
71659	ZM_149_B2_D06		ZM_149_B2_D06_MR
71660	ZM_149_B2_D07		ZM_149_B2_D07_MR
71661	ZM_149_B2_D08		ZM_149_B2_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71662	ZM_149_B2_D09		ZM_149_B2_D09_MR
71663	ZM_149_B2_D10		ZM_149_B2_D10_MR
71664	ZM_149_B2_D11		ZM_149_B2_D11_MR
71665	ZM_149_B2_D12		ZM_149_B2_D12_MR
71666	ZM_149_B2_E01		ZM_149_B2_E01_MR
71667	ZM_149_B2_E04		ZM_149_B2_E04_MR
71668	ZM_149_B2_E05		ZM_149_B2_E05_MR
71669	ZM_149_B2_E06		ZM_149_B2_E06_MR
71670	ZM_149_B2_E08		ZM_149_B2_E08_MR
71671	ZM_149_B2_E09		ZM_149_B2_E09_MR
71672	ZM_149_B2_E10		ZM_149_B2_E10_MR
71673	ZM_149_B2_E11		ZM_149_B2_E11_MR
71674	ZM_149_B2_E12		ZM_149_B2_E12_MR
71675	ZM_149_B2_F01		ZM_149_B2_F01_MR
71676	ZM_149_B2_F03		ZM_149_B2_F03_MR
71677	ZM_149_B2_F04		ZM_149_B2_F04_MR
71678	ZM_149_B2_F05		ZM_149_B2_F05_MR
71679	ZM_149_B2_F06		ZM_149_B2_F06_MR
71680	ZM_149_B2_F07		ZM_149_B2_F07_MR
71681	ZM_149_B2_F08		ZM_149_B2_F08_MR
71682	ZM_149_B2_F09		ZM_149_B2_F09_MR
71683	ZM_149_B2_F10		ZM_149_B2_F10_MR
71684	ZM_149_B2_F11		ZM_149_B2_F11_MR
71685	ZM_149_B2_F12		ZM_149_B2_F12_MR
71686	ZM_149_B2_G01		ZM_149_B2_G01_MR
71687	ZM_149_B2_G02		ZM_149_B2_G02_MR
71688	ZM_149_B2_G03		ZM_149_B2_G03_MR
71689	ZM_149_B2_G04		ZM_149_B2_G04_MR
71690	ZM_149_B2_G05		ZM_149_B2_G05_MR
71691	ZM_149_B2_G06		ZM_149_B2_G06_MR
71692	ZM_149_B2_G07		ZM_149_B2_G07_MR
71693	ZM_149_B2_G08		ZM_149_B2_G08_MR
71694	ZM_149_B2_G10		ZM_149_B2_G10_MR
71695	ZM_149_B2_G11		ZM_149_B2_G11_MR
71696	ZM_149_B2_G12		ZM_149_B2_G12_MR
71697	ZM_149_B2_H01		ZM_149_B2_H01_MR
71698	ZM_149_B2_H02		ZM_149_B2_H02_MR
71699	ZM_149_B2_H03		ZM_149_B2_H03_MR
71700	ZM_149_B2_H04		ZM_149_B2_H04_MR
71701	ZM_149_B2_H06		ZM_149_B2_H06_MR
71702	ZM_149_B2_H07		ZM_149_B2_H07_MR
71703	ZM_149_B2_H08		ZM_149_B2_H08_MR
71704	ZM_149_B2_H09		ZM_149_B2_H09_MR
71705	ZM_149_B2_H12		ZM_149_B2_H12_MR
71706	ZM_150_B1_A01		ZM_150_B1_A01_MR
71707	ZM_150_B1_A02		ZM_150_B1_A02_MR
71708	ZM_150_B1_A03		ZM_150_B1_A03_MR
71709	ZM_150_B1_A05		ZM_150_B1_A05_MR
71710	ZM_150_B1_A06		ZM_150_B1_A06_MR
71711	ZM_150_B1_A07		ZM_150_B1_A07_MR
71712	ZM_150_B1_A08		ZM_150_B1_A08_MR
71713	ZM_150_B1_A09		ZM_150_B1_A09_MR
71714	ZM_150_B1_A10		ZM_150_B1_A10_MR
71715	ZM_150_B1_A11		ZM_150_B1_A11_MR
71716	ZM_150_B1_A12		ZM_150_B1_A12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71717	ZM_150_B1_B01		ZM_150_B1_B01_MR
71718	ZM_150_B1_B02		ZM_150_B1_B02_MR
71719	ZM_150_B1_B03		ZM_150_B1_B03_MR
71720	ZM_150_B1_B05		ZM_150_B1_B05_MR
71721	ZM_150_B1_B06		ZM_150_B1_B06_MR
71722	ZM_150_B1_B07		ZM_150_B1_B07_MR
71723	ZM_150_B1_B08		ZM_150_B1_B08_MR
71724	ZM_150_B1_B09		ZM_150_B1_B09_MR
71725	ZM_150_B1_B10		ZM_150_B1_B10_MR
71726	ZM_150_B1_B11		ZM_150_B1_B11_MR
71727	ZM_150_B1_B12		ZM_150_B1_B12_MR
71728	ZM_150_B1_C01		ZM_150_B1_C01_MR
71729	ZM_150_B1_C02		ZM_150_B1_C02_MR
71730	ZM_150_B1_C03		ZM_150_B1_C03_MR
71731	ZM_150_B1_C04		ZM_150_B1_C04_MR
71732	ZM_150_B1_C05		ZM_150_B1_C05_MR
71733	ZM_150_B1_C06		ZM_150_B1_C06_MR
71734	ZM_150_B1_C07		ZM_150_B1_C07_MR
71735	ZM_150_B1_C08		ZM_150_B1_C08_MR
71736	ZM_150_B1_C09		ZM_150_B1_C09_MR
71737	ZM_150_B1_C10		ZM_150_B1_C10_MR
71738	ZM_150_B1_C11		ZM_150_B1_C11_MR
71739	ZM_150_B1_C12		ZM_150_B1_C12_MR
71740	ZM_150_B1_D01		ZM_150_B1_D01_MR
71741	ZM_150_B1_D02		ZM_150_B1_D02_MR
71742	ZM_150_B1_D03		ZM_150_B1_D03_MR
71743	ZM_150_B1_D05		ZM_150_B1_D05_MR
71744	ZM_150_B1_D06		ZM_150_B1_D06_MR
71745	ZM_150_B1_D07		ZM_150_B1_D07_MR
71746	ZM_150_B1_D08		ZM_150_B1_D08_MR
71747	ZM_150_B1_D09		ZM_150_B1_D09_MR
71748	ZM_150_B1_D10		ZM_150_B1_D10_MR
71749	ZM_150_B1_D11		ZM_150_B1_D11_MR
71750	ZM_150_B1_D12		ZM_150_B1_D12_MR
71751	ZM_150_B1_E01		ZM_150_B1_E01_MR
71752	ZM_150_B1_E02		ZM_150_B1_E02_MR
71753	ZM_150_B1_E03		ZM_150_B1_E03_MR
71754	ZM_150_B1_E04		ZM_150_B1_E04_MR
71755	ZM_150_B1_E05		ZM_150_B1_E05_MR
71756	ZM_150_B1_E06		ZM_150_B1_E06_MR
71757	ZM_150_B1_E07		ZM_150_B1_E07_MR
71758	ZM_150_B1_E08		ZM_150_B1_E08_MR
71759	ZM_150_B1_E09		ZM_150_B1_E09_MR
71760	ZM_150_B1_E10		ZM_150_B1_E10_MR
71761	ZM_150_B1_E11		ZM_150_B1_E11_MR
71762	ZM_150_B1_E12		ZM_150_B1_E12_MR
71763	ZM_150_B1_F01		ZM_150_B1_F01_MR
71764	ZM_150_B1_F02		ZM_150_B1_F02_MR
71765	ZM_150_B1_F03		ZM_150_B1_F03_MR
71766	ZM_150_B1_F04		ZM_150_B1_F04_MR
71767	ZM_150_B1_F05		ZM_150_B1_F05_MR
71768	ZM_150_B1_F06		ZM_150_B1_F06_MR
71769	ZM_150_B1_F07		ZM_150_B1_F07_MR
71770	ZM_150_B1_F08		ZM_150_B1_F08_MR
71771	ZM_150_B1_F09		ZM_150_B1_F09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71772	ZM_150_B1_F10		ZM_150_B1_F10_MR
71773	ZM_150_B1_F11		ZM_150_B1_F11_MR
71774	ZM_150_B1_F12		ZM_150_B1_F12_MR
71775	ZM_150_B1_G01		ZM_150_B1_G01_MR
71776	ZM_150_B1_G02		ZM_150_B1_G02_MR
71777	ZM_150_B1_G03		ZM_150_B1_G03_MR
71778	ZM_150_B1_G04		ZM_150_B1_G04_MR
71779	ZM_150_B1_G05		ZM_150_B1_G05_MR
71780	ZM_150_B1_G06		ZM_150_B1_G06_MR
71781	ZM_150_B1_G07		ZM_150_B1_G07_MR
71782	ZM_150_B1_G08		ZM_150_B1_G08_MR
71783	ZM_150_B1_G09		ZM_150_B1_G09_MR
71784	ZM_150_B1_G10		ZM_150_B1_G10_MR
71785	ZM_150_B1_G11		ZM_150_B1_G11_MR
71786	ZM_150_B1_G12		ZM_150_B1_G12_MR
71787	ZM_150_B1_H01		ZM_150_B1_H01_MR
71788	ZM_150_B1_H02		ZM_150_B1_H02_MR
71789	ZM_150_B1_H03		ZM_150_B1_H03_MR
71790	ZM_150_B1_H04		ZM_150_B1_H04_MR
71791	ZM_150_B1_H05		ZM_150_B1_H05_MR
71792	ZM_150_B1_H06		ZM_150_B1_H06_MR
71793	ZM_150_B1_H07		ZM_150_B1_H07_MR
71794	ZM_150_B1_H09		ZM_150_B1_H09_MR
71795	ZM_150_B1_H10		ZM_150_B1_H10_MR
71796	ZM_150_B1_H11		ZM_150_B1_H11_MR
71797	ZM_150_B1_H12		ZM_150_B1_H12_MR
71798	ZM_150_B2_A01		ZM_150_B2_A01_MR
71799	ZM_150_B2_A02		ZM_150_B2_A02_MR
71800	ZM_150_B2_A03		ZM_150_B2_A03_MR
71801	ZM_150_B2_A04		ZM_150_B2_A04_MR
71802	ZM_150_B2_A05		ZM_150_B2_A05_MR
71803	ZM_150_B2_A06		ZM_150_B2_A06_MR
71804	ZM_150_B2_A08		ZM_150_B2_A08_MR
71805	ZM_150_B2_A09		ZM_150_B2_A09_MR
71806	ZM_150_B2_A10		ZM_150_B2_A10_MR
71807	ZM_150_B2_A11		ZM_150_B2_A11_MR
71808	ZM_150_B2_A12		ZM_150_B2_A12_MR
71809	ZM_150_B2_B01		ZM_150_B2_B01_MR
71810	ZM_150_B2_B03		ZM_150_B2_B03_MR
71811	ZM_150_B2_B04		ZM_150_B2_B04_MR
71812	ZM_150_B2_B05		ZM_150_B2_B05_MR
71813	ZM_150_B2_B07		ZM_150_B2_B07_MR
71814	ZM_150_B2_B08		ZM_150_B2_B08_MR
71815	ZM_150_B2_B09		ZM_150_B2_B09_MR
71816	ZM_150_B2_B10		ZM_150_B2_B10_MR
71817	ZM_150_B2_B12		ZM_150_B2_B12_MR
71818	ZM_150_B2_C01		ZM_150_B2_C01_MR
71819	ZM_150_B2_C02		ZM_150_B2_C02_MR
71820	ZM_150_B2_C03		ZM_150_B2_C03_MR
71821	ZM_150_B2_C04		ZM_150_B2_C04_MR
71822	ZM_150_B2_C05		ZM_150_B2_C05_MR
71823	ZM_150_B2_C06		ZM_150_B2_C06_MR
71824	ZM_150_B2_C07		ZM_150_B2_C07_MR
71825	ZM_150_B2_C08		ZM_150_B2_C08_MR
71826	ZM_150_B2_C09		ZM_150_B2_C09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71827	ZM_150_B2_C10		ZM_150_B2_C10_MR
71828	ZM_150_B2_C11		ZM_150_B2_C11_MR
71829	ZM_150_B2_C12		ZM_150_B2_C12_MR
71830	ZM_150_B2_D01		ZM_150_B2_D01_MR
71831	ZM_150_B2_D02		ZM_150_B2_D02_MR
71832	ZM_150_B2_D03		ZM_150_B2_D03_MR
71833	ZM_150_B2_D04		ZM_150_B2_D04_MR
71834	ZM_150_B2_D06		ZM_150_B2_D06_MR
71835	ZM_150_B2_D07		ZM_150_B2_D07_MR
71836	ZM_150_B2_D08		ZM_150_B2_D08_MR
71837	ZM_150_B2_D09		ZM_150_B2_D09_MR
71838	ZM_150_B2_D10		ZM_150_B2_D10_MR
71839	ZM_150_B2_D11		ZM_150_B2_D11_MR
71840	ZM_150_B2_D12		ZM_150_B2_D12_MR
71841	ZM_150_B2_E01		ZM_150_B2_E01_MR
71842	ZM_150_B2_E02		ZM_150_B2_E02_MR
71843	ZM_150_B2_E03		ZM_150_B2_E03_MR
71844	ZM_150_B2_E04		ZM_150_B2_E04_MR
71845	ZM_150_B2_E07		ZM_150_B2_E07_MR
71846	ZM_150_B2_E08		ZM_150_B2_E08_MR
71847	ZM_150_B2_E09		ZM_150_B2_E09_MR
71848	ZM_150_B2_E10		ZM_150_B2_E10_MR
71849	ZM_150_B2_E11		ZM_150_B2_E11_MR
71850	ZM_150_B2_E12		ZM_150_B2_E12_MR
71851	ZM_150_B2_F01		ZM_150_B2_F01_MR
71852	ZM_150_B2_F02		ZM_150_B2_F02_MR
71853	ZM_150_B2_F03		ZM_150_B2_F03_MR
71854	ZM_150_B2_F04		ZM_150_B2_F04_MR
71855	ZM_150_B2_F05		ZM_150_B2_F05_MR
71856	ZM_150_B2_F06		ZM_150_B2_F06_MR
71857	ZM_150_B2_F07		ZM_150_B2_F07_MR
71858	ZM_150_B2_F08		ZM_150_B2_F08_MR
71859	ZM_150_B2_F09		ZM_150_B2_F09_MR
71860	ZM_150_B2_F10		ZM_150_B2_F10_MR
71861	ZM_150_B2_F11		ZM_150_B2_F11_MR
71862	ZM_150_B2_F12		ZM_150_B2_F12_MR
71863	ZM_150_B2_G01		ZM_150_B2_G01_MR
71864	ZM_150_B2_G02		ZM_150_B2_G02_MR
71865	ZM_150_B2_G03		ZM_150_B2_G03_MR
71866	ZM_150_B2_G04		ZM_150_B2_G04_MR
71867	ZM_150_B2_G05		ZM_150_B2_G05_MR
71868	ZM_150_B2_G06		ZM_150_B2_G06_MR
71869	ZM_150_B2_G07		ZM_150_B2_G07_MR
71870	ZM_150_B2_G08		ZM_150_B2_G08_MR
71871	ZM_150_B2_G09		ZM_150_B2_G09_MR
71872	ZM_150_B2_G10		ZM_150_B2_G10_MR
71873	ZM_150_B2_G11		ZM_150_B2_G11_MR
71874	ZM_150_B2_G12		ZM_150_B2_G12_MR
71875	ZM_150_B2_H01		ZM_150_B2_H01_MR
71876	ZM_150_B2_H02		ZM_150_B2_H02_MR
71877	ZM_150_B2_H03		ZM_150_B2_H03_MR
71878	ZM_150_B2_H04		ZM_150_B2_H04_MR
71879	ZM_150_B2_H05		ZM_150_B2_H05_MR
71880	ZM_150_B2_H06		ZM_150_B2_H06_MR
71881	ZM_150_B2_H07		ZM_150_B2_H07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71882	ZM_150_B2_H08		ZM_150_B2_H08_MR
71883	ZM_150_B2_H09		ZM_150_B2_H09_MR
71884	ZM_150_B2_H10		ZM_150_B2_H10_MR
71885	ZM_150_B2_H11		ZM_150_B2_H11_MR
71886	ZM_150_B2_H12		ZM_150_B2_H12_MR
71887	ZM_151_B1_A01		ZM_151_B1_A01_MR
71888	ZM_151_B1_A02		ZM_151_B1_A02_MR
71889	ZM_151_B1_A03		ZM_151_B1_A03_MR
71890	ZM_151_B1_A04		ZM_151_B1_A04_MR
71891	ZM_151_B1_A05		ZM_151_B1_A05_MR
71892	ZM_151_B1_A06		ZM_151_B1_A06_MR
71893	ZM_151_B1_A07		ZM_151_B1_A07_MR
71894	ZM_151_B1_A08		ZM_151_B1_A08_MR
71895	ZM_151_B1_A09		ZM_151_B1_A09_MR
71896	ZM_151_B1_A10		ZM_151_B1_A10_MR
71897	ZM_151_B1_A11		ZM_151_B1_A11_MR
71898	ZM_151_B1_A12		ZM_151_B1_A12_MR
71899	ZM_151_B1_B01		ZM_151_B1_B01_MR
71900	ZM_151_B1_B02		ZM_151_B1_B02_MR
71901	ZM_151_B1_B03		ZM_151_B1_B03_MR
71902	ZM_151_B1_B04		ZM_151_B1_B04_MR
71903	ZM_151_B1_B05		ZM_151_B1_B05_MR
71904	ZM_151_B1_B06		ZM_151_B1_B06_MR
71905	ZM_151_B1_B07		ZM_151_B1_B07_MR
71906	ZM_151_B1_B08		ZM_151_B1_B08_MR
71907	ZM_151_B1_B09		ZM_151_B1_B09_MR
71908	ZM_151_B1_B10		ZM_151_B1_B10_MR
71909	ZM_151_B1_B11		ZM_151_B1_B11_MR
71910	ZM_151_B1_B12		ZM_151_B1_B12_MR
71911	ZM_151_B1_C01		ZM_151_B1_C01_MR
71912	ZM_151_B1_C02		ZM_151_B1_C02_MR
71913	ZM_151_B1_C03		ZM_151_B1_C03_MR
71914	ZM_151_B1_C04		ZM_151_B1_C04_MR
71915	ZM_151_B1_C05		ZM_151_B1_C05_MR
71916	ZM_151_B1_C06		ZM_151_B1_C06_MR
71917	ZM_151_B1_C07		ZM_151_B1_C07_MR
71918	ZM_151_B1_C08		ZM_151_B1_C08_MR
71919	ZM_151_B1_C09		ZM_151_B1_C09_MR
71920	ZM_151_B1_C10		ZM_151_B1_C10_MR
71921	ZM_151_B1_C11		ZM_151_B1_C11_MR
71922	ZM_151_B1_D01		ZM_151_B1_D01_MR
71923	ZM_151_B1_D02		ZM_151_B1_D02_MR
71924	ZM_151_B1_D03		ZM_151_B1_D03_MR
71925	ZM_151_B1_D04		ZM_151_B1_D04_MR
71926	ZM_151_B1_D05		ZM_151_B1_D05_MR
71927	ZM_151_B1_D06		ZM_151_B1_D06_MR
71928	ZM_151_B1_D08		ZM_151_B1_D08_MR
71929	ZM_151_B1_D10		ZM_151_B1_D10_MR
71930	ZM_151_B1_D12		ZM_151_B1_D12_MR
71931	ZM_151_B1_E01		ZM_151_B1_E01_MR
71932	ZM_151_B1_E02		ZM_151_B1_E02_MR
71933	ZM_151_B1_E03		ZM_151_B1_E03_MR
71934	ZM_151_B1_E04		ZM_151_B1_E04_MR
71935	ZM_151_B1_E05		ZM_151_B1_E05_MR
71936	ZM_151_B1_E06		ZM_151_B1_E06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71937	ZM_151_B1_E07		ZM_151_B1_E07_MR
71938	ZM_151_B1_E08		ZM_151_B1_E08_MR
71939	ZM_151_B1_E09		ZM_151_B1_E09_MR
71940	ZM_151_B1_E10		ZM_151_B1_E10_MR
71941	ZM_151_B1_E11		ZM_151_B1_E11_MR
71942	ZM_151_B1_E12		ZM_151_B1_E12_MR
71943	ZM_151_B1_F01		ZM_151_B1_F01_MR
71944	ZM_151_B1_F02		ZM_151_B1_F02_MR
71945	ZM_151_B1_F03		ZM_151_B1_F03_MR
71946	ZM_151_B1_F04		ZM_151_B1_F04_MR
71947	ZM_151_B1_F05		ZM_151_B1_F05_MR
71948	ZM_151_B1_F06		ZM_151_B1_F06_MR
71949	ZM_151_B1_F08		ZM_151_B1_F08_MR
71950	ZM_151_B1_F09		ZM_151_B1_F09_MR
71951	ZM_151_B1_F10		ZM_151_B1_F10_MR
71952	ZM_151_B1_F11		ZM_151_B1_F11_MR
71953	ZM_151_B1_F12		ZM_151_B1_F12_MR
71954	ZM_151_B1_G01		ZM_151_B1_G01_MR
71955	ZM_151_B1_G02		ZM_151_B1_G02_MR
71956	ZM_151_B1_G03		ZM_151_B1_G03_MR
71957	ZM_151_B1_G04		ZM_151_B1_G04_MR
71958	ZM_151_B1_G05		ZM_151_B1_G05_MR
71959	ZM_151_B1_G06		ZM_151_B1_G06_MR
71960	ZM_151_B1_G07		ZM_151_B1_G07_MR
71961	ZM_151_B1_G08		ZM_151_B1_G08_MR
71962	ZM_151_B1_G09		ZM_151_B1_G09_MR
71963	ZM_151_B1_G10		ZM_151_B1_G10_MR
71964	ZM_151_B1_G11		ZM_151_B1_G11_MR
71965	ZM_151_B1_G12		ZM_151_B1_G12_MR
71966	ZM_151_B1_H01		ZM_151_B1_H01_MR
71967	ZM_151_B1_H02		ZM_151_B1_H02_MR
71968	ZM_151_B1_H03		ZM_151_B1_H03_MR
71969	ZM_151_B1_H04		ZM_151_B1_H04_MR
71970	ZM_151_B1_H05		ZM_151_B1_H05_MR
71971	ZM_151_B1_H06		ZM_151_B1_H06_MR
71972	ZM_151_B1_H07		ZM_151_B1_H07_MR
71973	ZM_151_B1_H08		ZM_151_B1_H08_MR
71974	ZM_151_B1_H09		ZM_151_B1_H09_MR
71975	ZM_151_B1_H10		ZM_151_B1_H10_MR
71976	ZM_151_B1_H11		ZM_151_B1_H11_MR
71977	ZM_151_B1_H12		ZM_151_B1_H12_MR
71978	ZM_151_B2_B02	ZM_151_B2_B02_T7C	
71979	ZM_151_B2_B03	ZM_151_B2_B03_T7C	
71980	ZM_151_B2_B07	ZM_151_B2_B07_T7C	
71981	ZM_151_B2_B09	ZM_151_B2_B09_T7C	
71982	ZM_151_B2_B10	ZM_151_B2_B10_T7C	
71983	ZM_151_B2_B12	ZM_151_B2_B12_T7C	
71984	ZM_151_B2_C02	ZM_151_B2_C02_T7C	
71985	ZM_151_B2_C04	ZM_151_B2_C04_T7C	
71986	ZM_151_B2_C05	ZM_151_B2_C05_T7C	
71987	ZM_151_B2_C06	ZM_151_B2_C06_T7C	
71988	ZM_151_B2_C09	ZM_151_B2_C09_T7C	
71989	ZM_151_B2_C10	ZM_151_B2_C10_T7C	
71990	ZM_151_B2_G02	ZM_151_B2_G02_T7C	
71991	ZM_151_B2_G04	ZM_151_B2_G04_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
71992	ZM_151_B2_G05	ZM_151_B2_G05_T7C	
71993	ZM_151_B2_G06	ZM_151_B2_G06_T7C	
71994	ZM_151_B2_G09	ZM_151_B2_G09_T7C	
71995	ZM_151_B2_G10	ZM_151_B2_G10_T7C	
71996	ZM_151_B2_G11	ZM_151_B2_G11_T7C	
71997	ZM_151_B2_G12	ZM_151_B2_G12_T7C	
71998	ZM_151_B2_H01	ZM_151_B2_H01_T7C	
71999	ZM_151_B2_H09	ZM_151_B2_H09_T7C	
72000	ZM_151_B2_H10	ZM_151_B2_H10_T7C	
72001	ZM_151_B2_H11	ZM_151_B2_H11_T7C	
72002	ZM_152_B2_A02		ZM_152_B2_A02_MR
72003	ZM_152_B2_A03		ZM_152_B2_A03_MR
72004	ZM_152_B2_A04		ZM_152_B2_A04_MR
72005	ZM_152_B2_A05		ZM_152_B2_A05_MR
72006	ZM_152_B2_A06		ZM_152_B2_A06_MR
72007	ZM_152_B2_A07		ZM_152_B2_A07_MR
72008	ZM_152_B2_A08		ZM_152_B2_A08_MR
72009	ZM_152_B2_A09		ZM_152_B2_A09_MR
72010	ZM_152_B2_A10		ZM_152_B2_A10_MR
72011	ZM_152_B2_A11		ZM_152_B2_A11_MR
72012	ZM_152_B2_A12		ZM_152_B2_A12_MR
72013	ZM_152_B2_B01		ZM_152_B2_B01_MR
72014	ZM_152_B2_B02		ZM_152_B2_B02_MR
72015	ZM_152_B2_B03		ZM_152_B2_B03_MR
72016	ZM_152_B2_B04		ZM_152_B2_B04_MR
72017	ZM_152_B2_B05		ZM_152_B2_B05_MR
72018	ZM_152_B2_B06		ZM_152_B2_B06_MR
72019	ZM_152_B2_B07		ZM_152_B2_B07_MR
72020	ZM_152_B2_B08		ZM_152_B2_B08_MR
72021	ZM_152_B2_B09		ZM_152_B2_B09_MR
72022	ZM_152_B2_B10		ZM_152_B2_B10_MR
72023	ZM_152_B2_B11		ZM_152_B2_B11_MR
72024	ZM_152_B2_B12		ZM_152_B2_B12_MR
72025	ZM_152_B2_C01		ZM_152_B2_C01_MR
72026	ZM_152_B2_C02		ZM_152_B2_C02_MR
72027	ZM_152_B2_C03		ZM_152_B2_C03_MR
72028	ZM_152_B2_C04		ZM_152_B2_C04_MR
72029	ZM_152_B2_C05		ZM_152_B2_C05_MR
72030	ZM_152_B2_C06		ZM_152_B2_C06_MR
72031	ZM_152_B2_C07		ZM_152_B2_C07_MR
72032	ZM_152_B2_C08		ZM_152_B2_C08_MR
72033	ZM_152_B2_C09		ZM_152_B2_C09_MR
72034	ZM_152_B2_C10		ZM_152_B2_C10_MR
72035	ZM_152_B2_C11		ZM_152_B2_C11_MR
72036	ZM_152_B2_C12		ZM_152_B2_C12_MR
72037	ZM_152_B2_D01		ZM_152_B2_D01_MR
72038	ZM_152_B2_D02		ZM_152_B2_D02_MR
72039	ZM_152_B2_D03		ZM_152_B2_D03_MR
72040	ZM_152_B2_D04		ZM_152_B2_D04_MR
72041	ZM_152_B2_D05		ZM_152_B2_D05_MR
72042	ZM_152_B2_D06		ZM_152_B2_D06_MR
72043	ZM_152_B2_D07		ZM_152_B2_D07_MR
72044	ZM_152_B2_D08		ZM_152_B2_D08_MR
72045	ZM_152_B2_D09		ZM_152_B2_D09_MR
72046	ZM_152_B2_D10		ZM_152_B2_D10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72047	ZM_152_B2_D11		ZM_152_B2_D11_MR
72048	ZM_152_B2_D12		ZM_152_B2_D12_MR
72049	ZM_152_B2_E01		ZM_152_B2_E01_MR
72050	ZM_152_B2_E02		ZM_152_B2_E02_MR
72051	ZM_152_B2_E03		ZM_152_B2_E03_MR
72052	ZM_152_B2_E04		ZM_152_B2_E04_MR
72053	ZM_152_B2_E05		ZM_152_B2_E05_MR
72054	ZM_152_B2_E06		ZM_152_B2_E06_MR
72055	ZM_152_B2_E07		ZM_152_B2_E07_MR
72056	ZM_152_B2_E08		ZM_152_B2_E08_MR
72057	ZM_152_B2_E09		ZM_152_B2_E09_MR
72058	ZM_152_B2_E10		ZM_152_B2_E10_MR
72059	ZM_152_B2_E11		ZM_152_B2_E11_MR
72060	ZM_152_B2_E12		ZM_152_B2_E12_MR
72061	ZM_152_B2_F01		ZM_152_B2_F01_MR
72062	ZM_152_B2_F02		ZM_152_B2_F02_MR
72063	ZM_152_B2_F03		ZM_152_B2_F03_MR
72064	ZM_152_B2_F04		ZM_152_B2_F04_MR
72065	ZM_152_B2_F05		ZM_152_B2_F05_MR
72066	ZM_152_B2_F06		ZM_152_B2_F06_MR
72067	ZM_152_B2_F07		ZM_152_B2_F07_MR
72068	ZM_152_B2_F08		ZM_152_B2_F08_MR
72069	ZM_152_B2_F09		ZM_152_B2_F09_MR
72070	ZM_152_B2_F10		ZM_152_B2_F10_MR
72071	ZM_152_B2_F11		ZM_152_B2_F11_MR
72072	ZM_152_B2_F12		ZM_152_B2_F12_MR
72073	ZM_152_B2_G01		ZM_152_B2_G01_MR
72074	ZM_152_B2_G02		ZM_152_B2_G02_MR
72075	ZM_152_B2_G03		ZM_152_B2_G03_MR
72076	ZM_152_B2_G04		ZM_152_B2_G04_MR
72077	ZM_152_B2_G05		ZM_152_B2_G05_MR
72078	ZM_152_B2_G06		ZM_152_B2_G06_MR
72079	ZM_152_B2_G07		ZM_152_B2_G07_MR
72080	ZM_152_B2_G08		ZM_152_B2_G08_MR
72081	ZM_152_B2_G09		ZM_152_B2_G09_MR
72082	ZM_152_B2_G10		ZM_152_B2_G10_MR
72083	ZM_152_B2_G11		ZM_152_B2_G11_MR
72084	ZM_152_B2_G12		ZM_152_B2_G12_MR
72085	ZM_152_B2_H01		ZM_152_B2_H01_MR
72086	ZM_152_B2_H02		ZM_152_B2_H02_MR
72087	ZM_152_B2_H03		ZM_152_B2_H03_MR
72088	ZM_152_B2_H04		ZM_152_B2_H04_MR
72089	ZM_152_B2_H05		ZM_152_B2_H05_MR
72090	ZM_152_B2_H06		ZM_152_B2_H06_MR
72091	ZM_152_B2_H07		ZM_152_B2_H07_MR
72092	ZM_152_B2_H08		ZM_152_B2_H08_MR
72093	ZM_152_B2_H09		ZM_152_B2_H09_MR
72094	ZM_152_B2_H10		ZM_152_B2_H10_MR
72095	ZM_152_B2_H11		ZM_152_B2_H11_MR
72096	ZM_152_B2_H12		ZM_152_B2_H12_MR
72097	ZM_153_B1_A01		ZM_153_B1_A01_MR
72098	ZM_153_B1_A03		ZM_153_B1_A03_MR
72099	ZM_153_B1_A04		ZM_153_B1_A04_MR
72100	ZM_153_B1_A05		ZM_153_B1_A05_MR
72101	ZM_153_B1_A06		ZM_153_B1_A06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72102	ZM_153_B1_A07		ZM_153_B1_A07_MR
72103	ZM_153_B1_A08		ZM_153_B1_A08_MR
72104	ZM_153_B1_A09		ZM_153_B1_A09_MR
72105	ZM_153_B1_A10		ZM_153_B1_A10_MR
72106	ZM_153_B1_A11		ZM_153_B1_A11_MR
72107	ZM_153_B1_A12		ZM_153_B1_A12_MR
72108	ZM_153_B1_B01		ZM_153_B1_B01_MR
72109	ZM_153_B1_B02		ZM_153_B1_B02_MR
72110	ZM_153_B1_B03		ZM_153_B1_B03_MR
72111	ZM_153_B1_B05		ZM_153_B1_B05_MR
72112	ZM_153_B1_B06		ZM_153_B1_B06_MR
72113	ZM_153_B1_B07		ZM_153_B1_B07_MR
72114	ZM_153_B1_B08		ZM_153_B1_B08_MR
72115	ZM_153_B1_B09		ZM_153_B1_B09_MR
72116	ZM_153_B1_B11		ZM_153_B1_B11_MR
72117	ZM_153_B1_B12		ZM_153_B1_B12_MR
72118	ZM_153_B1_C01		ZM_153_B1_C01_MR
72119	ZM_153_B1_C02		ZM_153_B1_C02_MR
72120	ZM_153_B1_C03		ZM_153_B1_C03_MR
72121	ZM_153_B1_C04		ZM_153_B1_C04_MR
72122	ZM_153_B1_C05		ZM_153_B1_C05_MR
72123	ZM_153_B1_C06		ZM_153_B1_C06_MR
72124	ZM_153_B1_C07		ZM_153_B1_C07_MR
72125	ZM_153_B1_C08		ZM_153_B1_C08_MR
72126	ZM_153_B1_C09		ZM_153_B1_C09_MR
72127	ZM_153_B1_C10		ZM_153_B1_C10_MR
72128	ZM_153_B1_C11		ZM_153_B1_C11_MR
72129	ZM_153_B1_C12		ZM_153_B1_C12_MR
72130	ZM_153_B1_D01		ZM_153_B1_D01_MR
72131	ZM_153_B1_D02		ZM_153_B1_D02_MR
72132	ZM_153_B1_D03		ZM_153_B1_D03_MR
72133	ZM_153_B1_D04		ZM_153_B1_D04_MR
72134	ZM_153_B1_D05		ZM_153_B1_D05_MR
72135	ZM_153_B1_D06		ZM_153_B1_D06_MR
72136	ZM_153_B1_D07		ZM_153_B1_D07_MR
72137	ZM_153_B1_D09		ZM_153_B1_D09_MR
72138	ZM_153_B1_D10		ZM_153_B1_D10_MR
72139	ZM_153_B1_D11		ZM_153_B1_D11_MR
72140	ZM_153_B1_D12		ZM_153_B1_D12_MR
72141	ZM_153_B1_E02		ZM_153_B1_E02_MR
72142	ZM_153_B1_E03		ZM_153_B1_E03_MR
72143	ZM_153_B1_E04		ZM_153_B1_E04_MR
72144	ZM_153_B1_E05		ZM_153_B1_E05_MR
72145	ZM_153_B1_E06		ZM_153_B1_E06_MR
72146	ZM_153_B1_E07		ZM_153_B1_E07_MR
72147	ZM_153_B1_E08		ZM_153_B1_E08_MR
72148	ZM_153_B1_E09		ZM_153_B1_E09_MR
72149	ZM_153_B1_E10		ZM_153_B1_E10_MR
72150	ZM_153_B1_E11		ZM_153_B1_E11_MR
72151	ZM_153_B1_E12		ZM_153_B1_E12_MR
72152	ZM_153_B1_F01		ZM_153_B1_F01_MR
72153	ZM_153_B1_F02		ZM_153_B1_F02_MR
72154	ZM_153_B1_F03		ZM_153_B1_F03_MR
72155	ZM_153_B1_F04		ZM_153_B1_F04_MR
72156	ZM_153_B1_F05		ZM_153_B1_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72157	ZM_153_B1_F06		ZM_153_B1_F06_MR
72158	ZM_153_B1_F07		ZM_153_B1_F07_MR
72159	ZM_153_B1_F08		ZM_153_B1_F08_MR
72160	ZM_153_B1_F09		ZM_153_B1_F09_MR
72161	ZM_153_B1_F10		ZM_153_B1_F10_MR
72162	ZM_153_B1_F11		ZM_153_B1_F11_MR
72163	ZM_153_B1_G01		ZM_153_B1_G01_MR
72164	ZM_153_B1_G02		ZM_153_B1_G02_MR
72165	ZM_153_B1_G03		ZM_153_B1_G03_MR
72166	ZM_153_B1_G04		ZM_153_B1_G04_MR
72167	ZM_153_B1_G05		ZM_153_B1_G05_MR
72168	ZM_153_B1_G06		ZM_153_B1_G06_MR
72169	ZM_153_B1_G07		ZM_153_B1_G07_MR
72170	ZM_153_B1_G08		ZM_153_B1_G08_MR
72171	ZM_153_B1_G09		ZM_153_B1_G09_MR
72172	ZM_153_B1_G10		ZM_153_B1_G10_MR
72173	ZM_153_B1_G11		ZM_153_B1_G11_MR
72174	ZM_153_B1_G12		ZM_153_B1_G12_MR
72175	ZM_153_B1_H01		ZM_153_B1_H01_MR
72176	ZM_153_B1_H02		ZM_153_B1_H02_MR
72177	ZM_153_B1_H03		ZM_153_B1_H03_MR
72178	ZM_153_B1_H04		ZM_153_B1_H04_MR
72179	ZM_153_B1_H05		ZM_153_B1_H05_MR
72180	ZM_153_B1_H06		ZM_153_B1_H06_MR
72181	ZM_153_B1_H07		ZM_153_B1_H07_MR
72182	ZM_153_B1_H08		ZM_153_B1_H08_MR
72183	ZM_153_B1_H09		ZM_153_B1_H09_MR
72184	ZM_153_B1_H10		ZM_153_B1_H10_MR
72185	ZM_153_B1_H11		ZM_153_B1_H11_MR
72186	ZM_153_B1_H12		ZM_153_B1_H12_MR
72187	ZM_153_B2_A01		ZM_153_B2_A01_MR
72188	ZM_153_B2_A02		ZM_153_B2_A02_MR
72189	ZM_153_B2_A03		ZM_153_B2_A03_MR
72190	ZM_153_B2_A04		ZM_153_B2_A04_MR
72191	ZM_153_B2_A05		ZM_153_B2_A05_MR
72192	ZM_153_B2_A06		ZM_153_B2_A06_MR
72193	ZM_153_B2_A07		ZM_153_B2_A07_MR
72194	ZM_153_B2_A08		ZM_153_B2_A08_MR
72195	ZM_153_B2_A09		ZM_153_B2_A09_MR
72196	ZM_153_B2_A10		ZM_153_B2_A10_MR
72197	ZM_153_B2_A11		ZM_153_B2_A11_MR
72198	ZM_153_B2_A12		ZM_153_B2_A12_MR
72199	ZM_153_B2_B01		ZM_153_B2_B01_MR
72200	ZM_153_B2_B02		ZM_153_B2_B02_MR
72201	ZM_153_B2_B03		ZM_153_B2_B03_MR
72202	ZM_153_B2_B04		ZM_153_B2_B04_MR
72203	ZM_153_B2_B05		ZM_153_B2_B05_MR
72204	ZM_153_B2_B06		ZM_153_B2_B06_MR
72205	ZM_153_B2_B07		ZM_153_B2_B07_MR
72206	ZM_153_B2_B08		ZM_153_B2_B08_MR
72207	ZM_153_B2_B09		ZM_153_B2_B09_MR
72208	ZM_153_B2_B10		ZM_153_B2_B10_MR
72209	ZM_153_B2_B11		ZM_153_B2_B11_MR
72210	ZM_153_B2_B12		ZM_153_B2_B12_MR
72211	ZM_153_B2_C01		ZM_153_B2_C01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72212	ZM_153_B2_C04		ZM_153_B2_C04_MR
72213	ZM_153_B2_C05		ZM_153_B2_C05_MR
72214	ZM_153_B2_C06		ZM_153_B2_C06_MR
72215	ZM_153_B2_C08		ZM_153_B2_C08_MR
72216	ZM_153_B2_C09		ZM_153_B2_C09_MR
72217	ZM_153_B2_C10		ZM_153_B2_C10_MR
72218	ZM_153_B2_C11		ZM_153_B2_C11_MR
72219	ZM_153_B2_C12		ZM_153_B2_C12_MR
72220	ZM_153_B2_D02		ZM_153_B2_D02_MR
72221	ZM_153_B2_D03		ZM_153_B2_D03_MR
72222	ZM_153_B2_D04		ZM_153_B2_D04_MR
72223	ZM_153_B2_D05		ZM_153_B2_D05_MR
72224	ZM_153_B2_D06		ZM_153_B2_D06_MR
72225	ZM_153_B2_D07		ZM_153_B2_D07_MR
72226	ZM_153_B2_D08		ZM_153_B2_D08_MR
72227	ZM_153_B2_D09		ZM_153_B2_D09_MR
72228	ZM_153_B2_D10		ZM_153_B2_D10_MR
72229	ZM_153_B2_D11		ZM_153_B2_D11_MR
72230	ZM_153_B2_D12		ZM_153_B2_D12_MR
72231	ZM_153_B2_E01		ZM_153_B2_E01_MR
72232	ZM_153_B2_E02		ZM_153_B2_E02_MR
72233	ZM_153_B2_E03		ZM_153_B2_E03_MR
72234	ZM_153_B2_E04		ZM_153_B2_E04_MR
72235	ZM_153_B2_E05		ZM_153_B2_E05_MR
72236	ZM_153_B2_E06		ZM_153_B2_E06_MR
72237	ZM_153_B2_E07		ZM_153_B2_E07_MR
72238	ZM_153_B2_E08		ZM_153_B2_E08_MR
72239	ZM_153_B2_E11		ZM_153_B2_E11_MR
72240	ZM_153_B2_E12		ZM_153_B2_E12_MR
72241	ZM_153_B2_F01		ZM_153_B2_F01_MR
72242	ZM_153_B2_F02		ZM_153_B2_F02_MR
72243	ZM_153_B2_F03		ZM_153_B2_F03_MR
72244	ZM_153_B2_F04		ZM_153_B2_F04_MR
72245	ZM_153_B2_F05		ZM_153_B2_F05_MR
72246	ZM_153_B2_F06		ZM_153_B2_F06_MR
72247	ZM_153_B2_F07		ZM_153_B2_F07_MR
72248	ZM_153_B2_F08		ZM_153_B2_F08_MR
72249	ZM_153_B2_F09		ZM_153_B2_F09_MR
72250	ZM_153_B2_F10		ZM_153_B2_F10_MR
72251	ZM_153_B2_F11		ZM_153_B2_F11_MR
72252	ZM_153_B2_F12		ZM_153_B2_F12_MR
72253	ZM_153_B2_G01		ZM_153_B2_G01_MR
72254	ZM_153_B2_G02		ZM_153_B2_G02_MR
72255	ZM_153_B2_G03		ZM_153_B2_G03_MR
72256	ZM_153_B2_G04		ZM_153_B2_G04_MR
72257	ZM_153_B2_G05		ZM_153_B2_G05_MR
72258	ZM_153_B2_G06		ZM_153_B2_G06_MR
72259	ZM_153_B2_G07		ZM_153_B2_G07_MR
72260	ZM_153_B2_G08		ZM_153_B2_G08_MR
72261	ZM_153_B2_G09		ZM_153_B2_G09_MR
72262	ZM_153_B2_G10		ZM_153_B2_G10_MR
72263	ZM_153_B2_G11		ZM_153_B2_G11_MR
72264	ZM_153_B2_G12		ZM_153_B2_G12_MR
72265	ZM_153_B2_H01		ZM_153_B2_H01_MR
72266	ZM_153_B2_H02		ZM_153_B2_H02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72267	ZM_153_B2_H03		ZM_153_B2_H03_MR
72268	ZM_153_B2_H04		ZM_153_B2_H04_MR
72269	ZM_153_B2_H05		ZM_153_B2_H05_MR
72270	ZM_153_B2_H06		ZM_153_B2_H06_MR
72271	ZM_153_B2_H07		ZM_153_B2_H07_MR
72272	ZM_153_B2_H08		ZM_153_B2_H08_MR
72273	ZM_153_B2_H09		ZM_153_B2_H09_MR
72274	ZM_153_B2_H10		ZM_153_B2_H10_MR
72275	ZM_153_B2_H11		ZM_153_B2_H11_MR
72276	ZM_153_B2_H12		ZM_153_B2_H12_MR
72277	ZM_154_B1_A02		ZM_154_B1_A02_MR
72278	ZM_154_B1_A03		ZM_154_B1_A03_MR
72279	ZM_154_B1_A04		ZM_154_B1_A04_MR
72280	ZM_154_B1_A06		ZM_154_B1_A06_MR
72281	ZM_154_B1_A07		ZM_154_B1_A07_MR
72282	ZM_154_B1_A08		ZM_154_B1_A08_MR
72283	ZM_154_B1_A10		ZM_154_B1_A10_MR
72284	ZM_154_B1_A11		ZM_154_B1_A11_MR
72285	ZM_154_B1_B01		ZM_154_B1_B01_MR
72286	ZM_154_B1_B02		ZM_154_B1_B02_MR
72287	ZM_154_B1_B03		ZM_154_B1_B03_MR
72288	ZM_154_B1_B06		ZM_154_B1_B06_MR
72289	ZM_154_B1_B07		ZM_154_B1_B07_MR
72290	ZM_154_B1_B08		ZM_154_B1_B08_MR
72291	ZM_154_B1_B10		ZM_154_B1_B10_MR
72292	ZM_154_B1_B11		ZM_154_B1_B11_MR
72293	ZM_154_B1_B12		ZM_154_B1_B12_MR
72294	ZM_154_B1_C02		ZM_154_B1_C02_MR
72295	ZM_154_B1_C03		ZM_154_B1_C03_MR
72296	ZM_154_B1_C04		ZM_154_B1_C04_MR
72297	ZM_154_B1_C05		ZM_154_B1_C05_MR
72298	ZM_154_B1_C06		ZM_154_B1_C06_MR
72299	ZM_154_B1_C07		ZM_154_B1_C07_MR
72300	ZM_154_B1_C09		ZM_154_B1_C09_MR
72301	ZM_154_B1_C10		ZM_154_B1_C10_MR
72302	ZM_154_B1_C11		ZM_154_B1_C11_MR
72303	ZM_154_B1_C12		ZM_154_B1_C12_MR
72304	ZM_154_B1_D01		ZM_154_B1_D01_MR
72305	ZM_154_B1_D02		ZM_154_B1_D02_MR
72306	ZM_154_B1_D03		ZM_154_B1_D03_MR
72307	ZM_154_B1_D04		ZM_154_B1_D04_MR
72308	ZM_154_B1_D06		ZM_154_B1_D06_MR
72309	ZM_154_B1_D08		ZM_154_B1_D08_MR
72310	ZM_154_B1_D09		ZM_154_B1_D09_MR
72311	ZM_154_B1_D10		ZM_154_B1_D10_MR
72312	ZM_154_B1_D12		ZM_154_B1_D12_MR
72313	ZM_154_B1_E02		ZM_154_B1_E02_MR
72314	ZM_154_B1_E04		ZM_154_B1_E04_MR
72315	ZM_154_B1_E06		ZM_154_B1_E06_MR
72316	ZM_154_B1_E07		ZM_154_B1_E07_MR
72317	ZM_154_B1_E08		ZM_154_B1_E08_MR
72318	ZM_154_B1_E09		ZM_154_B1_E09_MR
72319	ZM_154_B1_E10		ZM_154_B1_E10_MR
72320	ZM_154_B1_E11		ZM_154_B1_E11_MR
72321	ZM_154_B1_F01		ZM_154_B1_F01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72322	ZM_154_B1_F03		ZM_154_B1_F03_MR
72323	ZM_154_B1_F04		ZM_154_B1_F04_MR
72324	ZM_154_B1_F05		ZM_154_B1_F05_MR
72325	ZM_154_B1_F06		ZM_154_B1_F06_MR
72326	ZM_154_B1_F07		ZM_154_B1_F07_MR
72327	ZM_154_B1_F08		ZM_154_B1_F08_MR
72328	ZM_154_B1_F12		ZM_154_B1_F12_MR
72329	ZM_154_B1_G01		ZM_154_B1_G01_MR
72330	ZM_154_B1_G05		ZM_154_B1_G05_MR
72331	ZM_154_B1_G06		ZM_154_B1_G06_MR
72332	ZM_154_B1_G07		ZM_154_B1_G07_MR
72333	ZM_154_B1_G08		ZM_154_B1_G08_MR
72334	ZM_154_B1_G09		ZM_154_B1_G09_MR
72335	ZM_154_B1_G10		ZM_154_B1_G10_MR
72336	ZM_154_B1_G12		ZM_154_B1_G12_MR
72337	ZM_154_B1_H01		ZM_154_B1_H01_MR
72338	ZM_154_B1_H02		ZM_154_B1_H02_MR
72339	ZM_154_B1_H05		ZM_154_B1_H05_MR
72340	ZM_154_B1_H07		ZM_154_B1_H07_MR
72341	ZM_154_B1_H08		ZM_154_B1_H08_MR
72342	ZM_154_B1_H09		ZM_154_B1_H09_MR
72343	ZM_154_B1_H10		ZM_154_B1_H10_MR
72344	ZM_154_B1_H11		ZM_154_B1_H11_MR
72345	ZM_154_B1_H12		ZM_154_B1_H12_MR
72346	ZM_154_B2_A02		ZM_154_B2_A02_MR
72347	ZM_154_B2_A03		ZM_154_B2_A03_MR
72348	ZM_154_B2_A04		ZM_154_B2_A04_MR
72349	ZM_154_B2_A05		ZM_154_B2_A05_MR
72350	ZM_154_B2_A06		ZM_154_B2_A06_MR
72351	ZM_154_B2_A07		ZM_154_B2_A07_MR
72352	ZM_154_B2_A08		ZM_154_B2_A08_MR
72353	ZM_154_B2_A09		ZM_154_B2_A09_MR
72354	ZM_154_B2_A10		ZM_154_B2_A10_MR
72355	ZM_154_B2_A11		ZM_154_B2_A11_MR
72356	ZM_154_B2_A12		ZM_154_B2_A12_MR
72357	ZM_154_B2_B01		ZM_154_B2_B01_MR
72358	ZM_154_B2_B02		ZM_154_B2_B02_MR
72359	ZM_154_B2_B03		ZM_154_B2_B03_MR
72360	ZM_154_B2_B04		ZM_154_B2_B04_MR
72361	ZM_154_B2_B05		ZM_154_B2_B05_MR
72362	ZM_154_B2_B06		ZM_154_B2_B06_MR
72363	ZM_154_B2_B07		ZM_154_B2_B07_MR
72364	ZM_154_B2_B08		ZM_154_B2_B08_MR
72365	ZM_154_B2_B09		ZM_154_B2_B09_MR
72366	ZM_154_B2_B11		ZM_154_B2_B11_MR
72367	ZM_154_B2_B12		ZM_154_B2_B12_MR
72368	ZM_154_B2_C02		ZM_154_B2_C02_MR
72369	ZM_154_B2_C03		ZM_154_B2_C03_MR
72370	ZM_154_B2_C04		ZM_154_B2_C04_MR
72371	ZM_154_B2_C05		ZM_154_B2_C05_MR
72372	ZM_154_B2_C06		ZM_154_B2_C06_MR
72373	ZM_154_B2_C07		ZM_154_B2_C07_MR
72374	ZM_154_B2_C08		ZM_154_B2_C08_MR
72375	ZM_154_B2_C09		ZM_154_B2_C09_MR
72376	ZM_154_B2_C10		ZM_154_B2_C10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72377	ZM_154_B2_C11		ZM_154_B2_C11_MR
72378	ZM_154_B2_D01		ZM_154_B2_D01_MR
72379	ZM_154_B2_D02		ZM_154_B2_D02_MR
72380	ZM_154_B2_D03		ZM_154_B2_D03_MR
72381	ZM_154_B2_D04		ZM_154_B2_D04_MR
72382	ZM_154_B2_D06		ZM_154_B2_D06_MR
72383	ZM_154_B2_D07		ZM_154_B2_D07_MR
72384	ZM_154_B2_D08		ZM_154_B2_D08_MR
72385	ZM_154_B2_D10		ZM_154_B2_D10_MR
72386	ZM_154_B2_D11		ZM_154_B2_D11_MR
72387	ZM_154_B2_D12		ZM_154_B2_D12_MR
72388	ZM_154_B2_E01		ZM_154_B2_E01_MR
72389	ZM_154_B2_E02		ZM_154_B2_E02_MR
72390	ZM_154_B2_E03		ZM_154_B2_E03_MR
72391	ZM_154_B2_E04		ZM_154_B2_E04_MR
72392	ZM_154_B2_E05		ZM_154_B2_E05_MR
72393	ZM_154_B2_E06		ZM_154_B2_E06_MR
72394	ZM_154_B2_E07		ZM_154_B2_E07_MR
72395	ZM_154_B2_E08		ZM_154_B2_E08_MR
72396	ZM_154_B2_E09		ZM_154_B2_E09_MR
72397	ZM_154_B2_E11		ZM_154_B2_E11_MR
72398	ZM_154_B2_E12		ZM_154_B2_E12_MR
72399	ZM_154_B2_F01		ZM_154_B2_F01_MR
72400	ZM_154_B2_F02		ZM_154_B2_F02_MR
72401	ZM_154_B2_F03		ZM_154_B2_F03_MR
72402	ZM_154_B2_F04		ZM_154_B2_F04_MR
72403	ZM_154_B2_F05		ZM_154_B2_F05_MR
72404	ZM_154_B2_F06		ZM_154_B2_F06_MR
72405	ZM_154_B2_F09		ZM_154_B2_F09_MR
72406	ZM_154_B2_F11		ZM_154_B2_F11_MR
72407	ZM_154_B2_F12		ZM_154_B2_F12_MR
72408	ZM_154_B2_G02		ZM_154_B2_G02_MR
72409	ZM_154_B2_G03		ZM_154_B2_G03_MR
72410	ZM_154_B2_G04		ZM_154_B2_G04_MR
72411	ZM_154_B2_G05		ZM_154_B2_G05_MR
72412	ZM_154_B2_G06		ZM_154_B2_G06_MR
72413	ZM_154_B2_G07		ZM_154_B2_G07_MR
72414	ZM_154_B2_G08		ZM_154_B2_G08_MR
72415	ZM_154_B2_G09		ZM_154_B2_G09_MR
72416	ZM_154_B2_G10		ZM_154_B2_G10_MR
72417	ZM_154_B2_G11		ZM_154_B2_G11_MR
72418	ZM_154_B2_G12		ZM_154_B2_G12_MR
72419	ZM_154_B2_H02		ZM_154_B2_H02_MR
72420	ZM_154_B2_H03		ZM_154_B2_H03_MR
72421	ZM_154_B2_H05		ZM_154_B2_H05_MR
72422	ZM_154_B2_H06		ZM_154_B2_H06_MR
72423	ZM_154_B2_H07		ZM_154_B2_H07_MR
72424	ZM_154_B2_H08		ZM_154_B2_H08_MR
72425	ZM_154_B2_H09		ZM_154_B2_H09_MR
72426	ZM_154_B2_H10		ZM_154_B2_H10_MR
72427	ZM_154_B2_H11		ZM_154_B2_H11_MR
72428	ZM_154_B2_H12		ZM_154_B2_H12_MR
72429	ZM_155_B1_A03		ZM_155_B1_A03_MR
72430	ZM_155_B1_A05		ZM_155_B1_A05_MR
72431	ZM_155_B1_A06		ZM_155_B1_A06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72432	ZM_155_B1_A07		ZM_155_B1_A07_MR
72433	ZM_155_B1_A08		ZM_155_B1_A08_MR
72434	ZM_155_B1_A09		ZM_155_B1_A09_MR
72435	ZM_155_B1_A10		ZM_155_B1_A10_MR
72436	ZM_155_B1_A11		ZM_155_B1_A11_MR
72437	ZM_155_B1_B01		ZM_155_B1_B01_MR
72438	ZM_155_B1_B02		ZM_155_B1_B02_MR
72439	ZM_155_B1_B03		ZM_155_B1_B03_MR
72440	ZM_155_B1_B04		ZM_155_B1_B04_MR
72441	ZM_155_B1_B05		ZM_155_B1_B05_MR
72442	ZM_155_B1_B06		ZM_155_B1_B06_MR
72443	ZM_155_B1_B07		ZM_155_B1_B07_MR
72444	ZM_155_B1_B10		ZM_155_B1_B10_MR
72445	ZM_155_B1_B12		ZM_155_B1_B12_MR
72446	ZM_155_B1_C01		ZM_155_B1_C01_MR
72447	ZM_155_B1_C02		ZM_155_B1_C02_MR
72448	ZM_155_B1_C03		ZM_155_B1_C03_MR
72449	ZM_155_B1_C05		ZM_155_B1_C05_MR
72450	ZM_155_B1_C07		ZM_155_B1_C07_MR
72451	ZM_155_B1_C08		ZM_155_B1_C08_MR
72452	ZM_155_B1_C09		ZM_155_B1_C09_MR
72453	ZM_155_B1_C11		ZM_155_B1_C11_MR
72454	ZM_155_B1_C12		ZM_155_B1_C12_MR
72455	ZM_155_B1_D01		ZM_155_B1_D01_MR
72456	ZM_155_B1_D02		ZM_155_B1_D02_MR
72457	ZM_155_B1_D03		ZM_155_B1_D03_MR
72458	ZM_155_B1_D04		ZM_155_B1_D04_MR
72459	ZM_155_B1_D07		ZM_155_B1_D07_MR
72460	ZM_155_B1_D08		ZM_155_B1_D08_MR
72461	ZM_155_B1_D10		ZM_155_B1_D10_MR
72462	ZM_155_B1_D11		ZM_155_B1_D11_MR
72463	ZM_155_B1_D12		ZM_155_B1_D12_MR
72464	ZM_155_B1_E01		ZM_155_B1_E01_MR
72465	ZM_155_B1_E02		ZM_155_B1_E02_MR
72466	ZM_155_B1_E03		ZM_155_B1_E03_MR
72467	ZM_155_B1_E05		ZM_155_B1_E05_MR
72468	ZM_155_B1_E07		ZM_155_B1_E07_MR
72469	ZM_155_B1_E08		ZM_155_B1_E08_MR
72470	ZM_155_B1_E10		ZM_155_B1_E10_MR
72471	ZM_155_B1_E11		ZM_155_B1_E11_MR
72472	ZM_155_B1_E12		ZM_155_B1_E12_MR
72473	ZM_155_B1_F02		ZM_155_B1_F02_MR
72474	ZM_155_B1_F03		ZM_155_B1_F03_MR
72475	ZM_155_B1_F04		ZM_155_B1_F04_MR
72476	ZM_155_B1_F05		ZM_155_B1_F05_MR
72477	ZM_155_B1_F06		ZM_155_B1_F06_MR
72478	ZM_155_B1_F07		ZM_155_B1_F07_MR
72479	ZM_155_B1_F08		ZM_155_B1_F08_MR
72480	ZM_155_B1_F09		ZM_155_B1_F09_MR
72481	ZM_155_B1_F10		ZM_155_B1_F10_MR
72482	ZM_155_B1_F11		ZM_155_B1_F11_MR
72483	ZM_155_B1_F12		ZM_155_B1_F12_MR
72484	ZM_155_B1_G01		ZM_155_B1_G01_MR
72485	ZM_155_B1_G02		ZM_155_B1_G02_MR
72486	ZM_155_B1_G04		ZM_155_B1_G04_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72487	ZM_155_B1_G05		ZM_155_B1_G05_MR
72488	ZM_155_B1_G07		ZM_155_B1_G07_MR
72489	ZM_155_B1_G08		ZM_155_B1_G08_MR
72490	ZM_155_B1_G09		ZM_155_B1_G09_MR
72491	ZM_155_B1_G10		ZM_155_B1_G10_MR
72492	ZM_155_B1_G11		ZM_155_B1_G11_MR
72493	ZM_155_B1_G12		ZM_155_B1_G12_MR
72494	ZM_155_B1_H01		ZM_155_B1_H01_MR
72495	ZM_155_B1_H04		ZM_155_B1_H04_MR
72496	ZM_155_B1_H06		ZM_155_B1_H06_MR
72497	ZM_155_B1_H07		ZM_155_B1_H07_MR
72498	ZM_155_B1_H08		ZM_155_B1_H08_MR
72499	ZM_155_B1_H09		ZM_155_B1_H09_MR
72500	ZM_155_B1_H10		ZM_155_B1_H10_MR
72501	ZM_155_B1_H11		ZM_155_B1_H11_MR
72502	ZM_155_B1_H12		ZM_155_B1_H12_MR
72503	ZM_155_B2_A01		ZM_155_B2_A01_MR
72504	ZM_155_B2_A03		ZM_155_B2_A03_MR
72505	ZM_155_B2_A04		ZM_155_B2_A04_MR
72506	ZM_155_B2_A06		ZM_155_B2_A06_MR
72507	ZM_155_B2_A07		ZM_155_B2_A07_MR
72508	ZM_155_B2_A08		ZM_155_B2_A08_MR
72509	ZM_155_B2_A09		ZM_155_B2_A09_MR
72510	ZM_155_B2_A10		ZM_155_B2_A10_MR
72511	ZM_155_B2_A11		ZM_155_B2_A11_MR
72512	ZM_155_B2_A12		ZM_155_B2_A12_MR
72513	ZM_155_B2_B01		ZM_155_B2_B01_MR
72514	ZM_155_B2_B02		ZM_155_B2_B02_MR
72515	ZM_155_B2_B03		ZM_155_B2_B03_MR
72516	ZM_155_B2_B04		ZM_155_B2_B04_MR
72517	ZM_155_B2_B05		ZM_155_B2_B05_MR
72518	ZM_155_B2_B06		ZM_155_B2_B06_MR
72519	ZM_155_B2_B07		ZM_155_B2_B07_MR
72520	ZM_155_B2_B08		ZM_155_B2_B08_MR
72521	ZM_155_B2_B09		ZM_155_B2_B09_MR
72522	ZM_155_B2_B10		ZM_155_B2_B10_MR
72523	ZM_155_B2_B11		ZM_155_B2_B11_MR
72524	ZM_155_B2_B12		ZM_155_B2_B12_MR
72525	ZM_155_B2_C01		ZM_155_B2_C01_MR
72526	ZM_155_B2_C02		ZM_155_B2_C02_MR
72527	ZM_155_B2_C03		ZM_155_B2_C03_MR
72528	ZM_155_B2_C04		ZM_155_B2_C04_MR
72529	ZM_155_B2_C05		ZM_155_B2_C05_MR
72530	ZM_155_B2_C06		ZM_155_B2_C06_MR
72531	ZM_155_B2_C07		ZM_155_B2_C07_MR
72532	ZM_155_B2_C08		ZM_155_B2_C08_MR
72533	ZM_155_B2_C09		ZM_155_B2_C09_MR
72534	ZM_155_B2_C10		ZM_155_B2_C10_MR
72535	ZM_155_B2_C11		ZM_155_B2_C11_MR
72536	ZM_155_B2_C12		ZM_155_B2_C12_MR
72537	ZM_155_B2_D01		ZM_155_B2_D01_MR
72538	ZM_155_B2_D02		ZM_155_B2_D02_MR
72539	ZM_155_B2_D03		ZM_155_B2_D03_MR
72540	ZM_155_B2_D04		ZM_155_B2_D04_MR
72541	ZM_155_B2_D05		ZM_155_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72542	ZM_155_B2_D06		ZM_155_B2_D06_MR
72543	ZM_155_B2_D07		ZM_155_B2_D07_MR
72544	ZM_155_B2_D08		ZM_155_B2_D08_MR
72545	ZM_155_B2_D09		ZM_155_B2_D09_MR
72546	ZM_155_B2_D10		ZM_155_B2_D10_MR
72547	ZM_155_B2_D11		ZM_155_B2_D11_MR
72548	ZM_155_B2_D12		ZM_155_B2_D12_MR
72549	ZM_155_B2_E01		ZM_155_B2_E01_MR
72550	ZM_155_B2_E02		ZM_155_B2_E02_MR
72551	ZM_155_B2_E03		ZM_155_B2_E03_MR
72552	ZM_155_B2_E04		ZM_155_B2_E04_MR
72553	ZM_155_B2_E05		ZM_155_B2_E05_MR
72554	ZM_155_B2_E06		ZM_155_B2_E06_MR
72555	ZM_155_B2_E07		ZM_155_B2_E07_MR
72556	ZM_155_B2_E08		ZM_155_B2_E08_MR
72557	ZM_155_B2_E09		ZM_155_B2_E09_MR
72558	ZM_155_B2_E10		ZM_155_B2_E10_MR
72559	ZM_155_B2_E11		ZM_155_B2_E11_MR
72560	ZM_155_B2_E12		ZM_155_B2_E12_MR
72561	ZM_155_B2_F01		ZM_155_B2_F01_MR
72562	ZM_155_B2_F02		ZM_155_B2_F02_MR
72563	ZM_155_B2_F03		ZM_155_B2_F03_MR
72564	ZM_155_B2_F04		ZM_155_B2_F04_MR
72565	ZM_155_B2_F05		ZM_155_B2_F05_MR
72566	ZM_155_B2_F06		ZM_155_B2_F06_MR
72567	ZM_155_B2_F07		ZM_155_B2_F07_MR
72568	ZM_155_B2_F08		ZM_155_B2_F08_MR
72569	ZM_155_B2_F09		ZM_155_B2_F09_MR
72570	ZM_155_B2_F10		ZM_155_B2_F10_MR
72571	ZM_155_B2_F11		ZM_155_B2_F11_MR
72572	ZM_155_B2_G01		ZM_155_B2_G01_MR
72573	ZM_155_B2_G02		ZM_155_B2_G02_MR
72574	ZM_155_B2_G03		ZM_155_B2_G03_MR
72575	ZM_155_B2_G04		ZM_155_B2_G04_MR
72576	ZM_155_B2_G05		ZM_155_B2_G05_MR
72577	ZM_155_B2_G06		ZM_155_B2_G06_MR
72578	ZM_155_B2_G07		ZM_155_B2_G07_MR
72579	ZM_155_B2_G08		ZM_155_B2_G08_MR
72580	ZM_155_B2_G09		ZM_155_B2_G09_MR
72581	ZM_155_B2_G10		ZM_155_B2_G10_MR
72582	ZM_155_B2_G11		ZM_155_B2_G11_MR
72583	ZM_155_B2_G12		ZM_155_B2_G12_MR
72584	ZM_155_B2_H01		ZM_155_B2_H01_MR
72585	ZM_155_B2_H02		ZM_155_B2_H02_MR
72586	ZM_155_B2_H03		ZM_155_B2_H03_MR
72587	ZM_155_B2_H04		ZM_155_B2_H04_MR
72588	ZM_155_B2_H05		ZM_155_B2_H05_MR
72589	ZM_155_B2_H06		ZM_155_B2_H06_MR
72590	ZM_155_B2_H07		ZM_155_B2_H07_MR
72591	ZM_155_B2_H08		ZM_155_B2_H08_MR
72592	ZM_155_B2_H09		ZM_155_B2_H09_MR
72593	ZM_155_B2_H10		ZM_155_B2_H10_MR
72594	ZM_155_B2_H11		ZM_155_B2_H11_MR
72595	ZM_155_B2_H12		ZM_155_B2_H12_MR
72596	ZM_156_B1_A03		ZM_156_B1_A03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72597	ZM_156_B1_A04		ZM_156_B1_A04_MR
72598	ZM_156_B1_A05		ZM_156_B1_A05_MR
72599	ZM_156_B1_A06		ZM_156_B1_A06_MR
72600	ZM_156_B1_A07		ZM_156_B1_A07_MR
72601	ZM_156_B1_A08		ZM_156_B1_A08_MR
72602	ZM_156_B1_A09		ZM_156_B1_A09_MR
72603	ZM_156_B1_A10		ZM_156_B1_A10_MR
72604	ZM_156_B1_A11		ZM_156_B1_A11_MR
72605	ZM_156_B1_A12		ZM_156_B1_A12_MR
72606	ZM_156_B1_B01		ZM_156_B1_B01_MR
72607	ZM_156_B1_B03		ZM_156_B1_B03_MR
72608	ZM_156_B1_B04		ZM_156_B1_B04_MR
72609	ZM_156_B1_B05		ZM_156_B1_B05_MR
72610	ZM_156_B1_B06		ZM_156_B1_B06_MR
72611	ZM_156_B1_B07		ZM_156_B1_B07_MR
72612	ZM_156_B1_B08		ZM_156_B1_B08_MR
72613	ZM_156_B1_B10		ZM_156_B1_B10_MR
72614	ZM_156_B1_B11		ZM_156_B1_B11_MR
72615	ZM_156_B1_B12		ZM_156_B1_B12_MR
72616	ZM_156_B1_C01		ZM_156_B1_C01_MR
72617	ZM_156_B1_C02		ZM_156_B1_C02_MR
72618	ZM_156_B1_C04		ZM_156_B1_C04_MR
72619	ZM_156_B1_C05		ZM_156_B1_C05_MR
72620	ZM_156_B1_C06		ZM_156_B1_C06_MR
72621	ZM_156_B1_C07		ZM_156_B1_C07_MR
72622	ZM_156_B1_C08		ZM_156_B1_C08_MR
72623	ZM_156_B1_C09		ZM_156_B1_C09_MR
72624	ZM_156_B1_C10		ZM_156_B1_C10_MR
72625	ZM_156_B1_C11		ZM_156_B1_C11_MR
72626	ZM_156_B1_C12		ZM_156_B1_C12_MR
72627	ZM_156_B1_D01		ZM_156_B1_D01_MR
72628	ZM_156_B1_D02		ZM_156_B1_D02_MR
72629	ZM_156_B1_D03		ZM_156_B1_D03_MR
72630	ZM_156_B1_D04		ZM_156_B1_D04_MR
72631	ZM_156_B1_D05		ZM_156_B1_D05_MR
72632	ZM_156_B1_D06		ZM_156_B1_D06_MR
72633	ZM_156_B1_D07		ZM_156_B1_D07_MR
72634	ZM_156_B1_D08		ZM_156_B1_D08_MR
72635	ZM_156_B1_D09		ZM_156_B1_D09_MR
72636	ZM_156_B1_D10		ZM_156_B1_D10_MR
72637	ZM_156_B1_D11		ZM_156_B1_D11_MR
72638	ZM_156_B1_D12		ZM_156_B1_D12_MR
72639	ZM_156_B1_E01		ZM_156_B1_E01_MR
72640	ZM_156_B1_E02		ZM_156_B1_E02_MR
72641	ZM_156_B1_E04		ZM_156_B1_E04_MR
72642	ZM_156_B1_E05		ZM_156_B1_E05_MR
72643	ZM_156_B1_E06		ZM_156_B1_E06_MR
72644	ZM_156_B1_E08		ZM_156_B1_E08_MR
72645	ZM_156_B1_E09		ZM_156_B1_E09_MR
72646	ZM_156_B1_E10		ZM_156_B1_E10_MR
72647	ZM_156_B1_E11		ZM_156_B1_E11_MR
72648	ZM_156_B1_E12		ZM_156_B1_E12_MR
72649	ZM_156_B1_F01		ZM_156_B1_F01_MR
72650	ZM_156_B1_F02		ZM_156_B1_F02_MR
72651	ZM_156_B1_F03		ZM_156_B1_F03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72652	ZM_156_B1_F04		ZM_156_B1_F04_MR
72653	ZM_156_B1_F05		ZM_156_B1_F05_MR
72654	ZM_156_B1_F07		ZM_156_B1_F07_MR
72655	ZM_156_B1_F08		ZM_156_B1_F08_MR
72656	ZM_156_B1_F09		ZM_156_B1_F09_MR
72657	ZM_156_B1_F10		ZM_156_B1_F10_MR
72658	ZM_156_B1_F12		ZM_156_B1_F12_MR
72659	ZM_156_B1_G01		ZM_156_B1_G01_MR
72660	ZM_156_B1_G02		ZM_156_B1_G02_MR
72661	ZM_156_B1_G03		ZM_156_B1_G03_MR
72662	ZM_156_B1_G04		ZM_156_B1_G04_MR
72663	ZM_156_B1_G05		ZM_156_B1_G05_MR
72664	ZM_156_B1_G06		ZM_156_B1_G06_MR
72665	ZM_156_B1_G07		ZM_156_B1_G07_MR
72666	ZM_156_B1_G09		ZM_156_B1_G09_MR
72667	ZM_156_B1_G10		ZM_156_B1_G10_MR
72668	ZM_156_B1_G11		ZM_156_B1_G11_MR
72669	ZM_156_B1_H01		ZM_156_B1_H01_MR
72670	ZM_156_B1_H02		ZM_156_B1_H02_MR
72671	ZM_156_B1_H03		ZM_156_B1_H03_MR
72672	ZM_156_B1_H04		ZM_156_B1_H04_MR
72673	ZM_156_B1_H05		ZM_156_B1_H05_MR
72674	ZM_156_B1_H06		ZM_156_B1_H06_MR
72675	ZM_156_B1_H07		ZM_156_B1_H07_MR
72676	ZM_156_B1_H08		ZM_156_B1_H08_MR
72677	ZM_156_B1_H09		ZM_156_B1_H09_MR
72678	ZM_156_B1_H11		ZM_156_B1_H11_MR
72679	ZM_156_B1_H12		ZM_156_B1_H12_MR
72680	ZM_156_B2_A05		ZM_156_B2_A05_MR
72681	ZM_156_B2_A06		ZM_156_B2_A06_MR
72682	ZM_156_B2_A08		ZM_156_B2_A08_MR
72683	ZM_156_B2_A09		ZM_156_B2_A09_MR
72684	ZM_156_B2_A10		ZM_156_B2_A10_MR
72685	ZM_156_B2_A11		ZM_156_B2_A11_MR
72686	ZM_156_B2_A12		ZM_156_B2_A12_MR
72687	ZM_156_B2_B03		ZM_156_B2_B03_MR
72688	ZM_156_B2_B05		ZM_156_B2_B05_MR
72689	ZM_156_B2_B06		ZM_156_B2_B06_MR
72690	ZM_156_B2_B08		ZM_156_B2_B08_MR
72691	ZM_156_B2_B10		ZM_156_B2_B10_MR
72692	ZM_156_B2_B12		ZM_156_B2_B12_MR
72693	ZM_156_B2_C01		ZM_156_B2_C01_MR
72694	ZM_156_B2_C03		ZM_156_B2_C03_MR
72695	ZM_156_B2_C04		ZM_156_B2_C04_MR
72696	ZM_156_B2_C07		ZM_156_B2_C07_MR
72697	ZM_156_B2_C08		ZM_156_B2_C08_MR
72698	ZM_156_B2_C09		ZM_156_B2_C09_MR
72699	ZM_156_B2_C10		ZM_156_B2_C10_MR
72700	ZM_156_B2_C12		ZM_156_B2_C12_MR
72701	ZM_156_B2_D01		ZM_156_B2_D01_MR
72702	ZM_156_B2_D02		ZM_156_B2_D02_MR
72703	ZM_156_B2_D03		ZM_156_B2_D03_MR
72704	ZM_156_B2_D04		ZM_156_B2_D04_MR
72705	ZM_156_B2_D05		ZM_156_B2_D05_MR
72706	ZM_156_B2_D06		ZM_156_B2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72707	ZM_156_B2_D07		ZM_156_B2_D07_MR
72708	ZM_156_B2_D08		ZM_156_B2_D08_MR
72709	ZM_156_B2_D09		ZM_156_B2_D09_MR
72710	ZM_156_B2_D11		ZM_156_B2_D11_MR
72711	ZM_156_B2_D12		ZM_156_B2_D12_MR
72712	ZM_156_B2_E01		ZM_156_B2_E01_MR
72713	ZM_156_B2_E03		ZM_156_B2_E03_MR
72714	ZM_156_B2_E04		ZM_156_B2_E04_MR
72715	ZM_156_B2_E05		ZM_156_B2_E05_MR
72716	ZM_156_B2_E06		ZM_156_B2_E06_MR
72717	ZM_156_B2_E07		ZM_156_B2_E07_MR
72718	ZM_156_B2_E10		ZM_156_B2_E10_MR
72719	ZM_156_B2_E12		ZM_156_B2_E12_MR
72720	ZM_156_B2_F02		ZM_156_B2_F02_MR
72721	ZM_156_B2_F04		ZM_156_B2_F04_MR
72722	ZM_156_B2_F05		ZM_156_B2_F05_MR
72723	ZM_156_B2_F07		ZM_156_B2_F07_MR
72724	ZM_156_B2_F08		ZM_156_B2_F08_MR
72725	ZM_156_B2_F09		ZM_156_B2_F09_MR
72726	ZM_156_B2_F11		ZM_156_B2_F11_MR
72727	ZM_156_B2_F12		ZM_156_B2_F12_MR
72728	ZM_156_B2_G01		ZM_156_B2_G01_MR
72729	ZM_156_B2_G02		ZM_156_B2_G02_MR
72730	ZM_156_B2_G03		ZM_156_B2_G03_MR
72731	ZM_156_B2_G05		ZM_156_B2_G05_MR
72732	ZM_156_B2_G07		ZM_156_B2_G07_MR
72733	ZM_156_B2_G08		ZM_156_B2_G08_MR
72734	ZM_156_B2_G10		ZM_156_B2_G10_MR
72735	ZM_156_B2_G11		ZM_156_B2_G11_MR
72736	ZM_156_B2_H01		ZM_156_B2_H01_MR
72737	ZM_156_B2_H03		ZM_156_B2_H03_MR
72738	ZM_156_B2_H04		ZM_156_B2_H04_MR
72739	ZM_156_B2_H07		ZM_156_B2_H07_MR
72740	ZM_156_B2_H08		ZM_156_B2_H08_MR
72741	ZM_156_B2_H09		ZM_156_B2_H09_MR
72742	ZM_156_B2_H10		ZM_156_B2_H10_MR
72743	ZM_156_B2_H11		ZM_156_B2_H11_MR
72744	ZM_157_A1_A01	ZM_157_A1_A01_T7C	
72745	ZM_157_A1_A01		ZM_157_A1_A01_MR
72746	ZM_157_A1_A03	ZM_157_A1_A03_T7C	
72747	ZM_157_A1_A03		ZM_157_A1_A03_MR
72748	ZM_157_A1_A04	ZM_157_A1_A04_T7C	
72749	ZM_157_A1_A04		ZM_157_A1_A04_MR
72750	ZM_157_A1_A05	ZM_157_A1_A05_T7C	
72751	ZM_157_A1_A05		ZM_157_A1_A05_MR
72752	ZM_157_A1_A06	ZM_157_A1_A06_T7C	
72753	ZM_157_A1_A06		ZM_157_A1_A06_MR
72754	ZM_157_A1_A07	ZM_157_A1_A07_T7C	
72755	ZM_157_A1_A07		ZM_157_A1_A07_MR
72756	ZM_157_A1_A08	ZM_157_A1_A08_T7C	
72757	ZM_157_A1_A08		ZM_157_A1_A08_MR
72758	ZM_157_A1_A09	ZM_157_A1_A09_T7C	
72759	ZM_157_A1_A09		ZM_157_A1_A09_MR
72760	ZM_157_A1_A10	ZM_157_A1_A10_T7C	
72761	ZM_157_A1_A10		ZM_157_A1_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72762	ZM_157_A1_A11	ZM_157_A1_A11_T7C	
72763	ZM_157_A1_A11		ZM_157_A1_A11_MR
72764	ZM_157_A1_A12		ZM_157_A1_A12_MR
72765	ZM_157_A1_B01	ZM_157_A1_B01_T7C	
72766	ZM_157_A1_B01		ZM_157_A1_B01_MR
72767	ZM_157_A1_B02	ZM_157_A1_B02_T7C	
72768	ZM_157_A1_B02		ZM_157_A1_B02_MR
72769	ZM_157_A1_B03		ZM_157_A1_B03_MR
72770	ZM_157_A1_B04	ZM_157_A1_B04_T7C	
72771	ZM_157_A1_B04		ZM_157_A1_B04_MR
72772	ZM_157_A1_B05	ZM_157_A1_B05_T7C	
72773	ZM_157_A1_B05		ZM_157_A1_B05_MR
72774	ZM_157_A1_B06	ZM_157_A1_B06_T7C	
72775	ZM_157_A1_B06		ZM_157_A1_B06_MR
72776	ZM_157_A1_B07	ZM_157_A1_B07_T7C	
72777	ZM_157_A1_B07		ZM_157_A1_B07_MR
72778	ZM_157_A1_B08	ZM_157_A1_B08_T7C	
72779	ZM_157_A1_B08		ZM_157_A1_B08_MR
72780	ZM_157_A1_B09	ZM_157_A1_B09_T7C	
72781	ZM_157_A1_B09		ZM_157_A1_B09_MR
72782	ZM_157_A1_B10	ZM_157_A1_B10_T7C	
72783	ZM_157_A1_B10		ZM_157_A1_B10_MR
72784	ZM_157_A1_B11	ZM_157_A1_B11_T7C	
72785	ZM_157_A1_B11		ZM_157_A1_B11_MR
72786	ZM_157_A1_B12		ZM_157_A1_B12_MR
72787	ZM_157_A1_C01	ZM_157_A1_C01_T7C	
72788	ZM_157_A1_C01		ZM_157_A1_C01_MR
72789	ZM_157_A1_C02	ZM_157_A1_C02_T7C	
72790	ZM_157_A1_C02		ZM_157_A1_C02_MR
72791	ZM_157_A1_C03	ZM_157_A1_C03_T7C	
72792	ZM_157_A1_C03		ZM_157_A1_C03_MR
72793	ZM_157_A1_C04	ZM_157_A1_C04_T7C	
72794	ZM_157_A1_C04		ZM_157_A1_C04_MR
72795	ZM_157_A1_C05	ZM_157_A1_C05_T7C	
72796	ZM_157_A1_C05		ZM_157_A1_C05_MR
72797	ZM_157_A1_C06	ZM_157_A1_C06_T7C	
72798	ZM_157_A1_C06		ZM_157_A1_C06_MR
72799	ZM_157_A1_C07	ZM_157_A1_C07_T7C	
72800	ZM_157_A1_C07		ZM_157_A1_C07_MR
72801	ZM_157_A1_C08	ZM_157_A1_C08_T7C	
72802	ZM_157_A1_C08		ZM_157_A1_C08_MR
72803	ZM_157_A1_C09	ZM_157_A1_C09_T7C	
72804	ZM_157_A1_C09		ZM_157_A1_C09_MR
72805	ZM_157_A1_C10	ZM_157_A1_C10_T7C	
72806	ZM_157_A1_C10		ZM_157_A1_C10_MR
72807	ZM_157_A1_C11	ZM_157_A1_C11_T7C	
72808	ZM_157_A1_C11		ZM_157_A1_C11_MR
72809	ZM_157_A1_C12		ZM_157_A1_C12_MR
72810	ZM_157_A1_D02	ZM_157_A1_D02_T7C	
72811	ZM_157_A1_D02		ZM_157_A1_D02_MR
72812	ZM_157_A1_D03	ZM_157_A1_D03_T7C	
72813	ZM_157_A1_D03		ZM_157_A1_D03_MR
72814	ZM_157_A1_D04	ZM_157_A1_D04_T7C	
72815	ZM_157_A1_D04		ZM_157_A1_D04_MR
72816	ZM_157_A1_D05	ZM_157_A1_D05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72817	ZM_157_A1_D05		ZM_157_A1_D05_MR
72818	ZM_157_A1_D06	ZM_157_A1_D06_T7C	
72819	ZM_157_A1_D06		ZM_157_A1_D06_MR
72820	ZM_157_A1_D07	ZM_157_A1_D07_T7C	
72821	ZM_157_A1_D07		ZM_157_A1_D07_MR
72822	ZM_157_A1_D08	ZM_157_A1_D08_T7C	
72823	ZM_157_A1_D08		ZM_157_A1_D08_MR
72824	ZM_157_A1_D09	ZM_157_A1_D09_T7C	
72825	ZM_157_A1_D09		ZM_157_A1_D09_MR
72826	ZM_157_A1_D10	ZM_157_A1_D10_T7C	
72827	ZM_157_A1_D10		ZM_157_A1_D10_MR
72828	ZM_157_A1_D11	ZM_157_A1_D11_T7C	
72829	ZM_157_A1_D11		ZM_157_A1_D11_MR
72830	ZM_157_A1_D12		ZM_157_A1_D12_MR
72831	ZM_157_A1_E01	ZM_157_A1_E01_T7C	
72832	ZM_157_A1_E01		ZM_157_A1_E01_MR
72833	ZM_157_A1_E02	ZM_157_A1_E02_T7C	
72834	ZM_157_A1_E02		ZM_157_A1_E02_MR
72835	ZM_157_A1_E03	ZM_157_A1_E03_T7C	
72836	ZM_157_A1_E03		ZM_157_A1_E03_MR
72837	ZM_157_A1_E04	ZM_157_A1_E04_T7C	
72838	ZM_157_A1_E04		ZM_157_A1_E04_MR
72839	ZM_157_A1_E05	ZM_157_A1_E05_T7C	
72840	ZM_157_A1_E05		ZM_157_A1_E05_MR
72841	ZM_157_A1_E07	ZM_157_A1_E07_T7C	
72842	ZM_157_A1_E07		ZM_157_A1_E07_MR
72843	ZM_157_A1_E08	ZM_157_A1_E08_T7C	
72844	ZM_157_A1_E08		ZM_157_A1_E08_MR
72845	ZM_157_A1_E09	ZM_157_A1_E09_T7C	
72846	ZM_157_A1_E09		ZM_157_A1_E09_MR
72847	ZM_157_A1_E10	ZM_157_A1_E10_T7C	
72848	ZM_157_A1_E10		ZM_157_A1_E10_MR
72849	ZM_157_A1_E11	ZM_157_A1_E11_T7C	
72850	ZM_157_A1_E11		ZM_157_A1_E11_MR
72851	ZM_157_A1_E12	ZM_157_A1_E12_T7C	
72852	ZM_157_A1_E12		ZM_157_A1_E12_MR
72853	ZM_157_A1_F01	ZM_157_A1_F01_T7C	
72854	ZM_157_A1_F01		ZM_157_A1_F01_MR
72855	ZM_157_A1_F02	ZM_157_A1_F02_T7C	
72856	ZM_157_A1_F02		ZM_157_A1_F02_MR
72857	ZM_157_A1_F03	ZM_157_A1_F03_T7C	
72858	ZM_157_A1_F03		ZM_157_A1_F03_MR
72859	ZM_157_A1_F04	ZM_157_A1_F04_T7C	
72860	ZM_157_A1_F04		ZM_157_A1_F04_MR
72861	ZM_157_A1_F05	ZM_157_A1_F05_T7C	
72862	ZM_157_A1_F05		ZM_157_A1_F05_MR
72863	ZM_157_A1_F06	ZM_157_A1_F06_T7C	
72864	ZM_157_A1_F06		ZM_157_A1_F06_MR
72865	ZM_157_A1_F07	ZM_157_A1_F07_T7C	
72866	ZM_157_A1_F07		ZM_157_A1_F07_MR
72867	ZM_157_A1_F08	ZM_157_A1_F08_T7C	
72868	ZM_157_A1_F08		ZM_157_A1_F08_MR
72869	ZM_157_A1_F09	ZM_157_A1_F09_T7C	
72870	ZM_157_A1_F09		ZM_157_A1_F09_MR
72871	ZM_157_A1_F10	ZM_157_A1_F10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72872	ZM_157_A1_F10		ZM_157_A1_F10_MR
72873	ZM_157_A1_F11	ZM_157_A1_F11_T7C	
72874	ZM_157_A1_F11		ZM_157_A1_F11_MR
72875	ZM_157_A1_F12	ZM_157_A1_F12_T7C	
72876	ZM_157_A1_F12		ZM_157_A1_F12_MR
72877	ZM_157_A1_G03	ZM_157_A1_G03_T7C	
72878	ZM_157_A1_G03		ZM_157_A1_G03_MR
72879	ZM_157_A1_G04	ZM_157_A1_G04_T7C	
72880	ZM_157_A1_G04		ZM_157_A1_G04_MR
72881	ZM_157_A1_G05	ZM_157_A1_G05_T7C	
72882	ZM_157_A1_G05		ZM_157_A1_G05_MR
72883	ZM_157_A1_G06	ZM_157_A1_G06_T7C	
72884	ZM_157_A1_G06		ZM_157_A1_G06_MR
72885	ZM_157_A1_G07	ZM_157_A1_G07_T7C	
72886	ZM_157_A1_G07		ZM_157_A1_G07_MR
72887	ZM_157_A1_G08	ZM_157_A1_G08_T7C	
72888	ZM_157_A1_G08		ZM_157_A1_G08_MR
72889	ZM_157_A1_G09	ZM_157_A1_G09_T7C	
72890	ZM_157_A1_G09		ZM_157_A1_G09_MR
72891	ZM_157_A1_G10	ZM_157_A1_G10_T7C	
72892	ZM_157_A1_G10		ZM_157_A1_G10_MR
72893	ZM_157_A1_G11	ZM_157_A1_G11_T7C	
72894	ZM_157_A1_G11		ZM_157_A1_G11_MR
72895	ZM_157_A1_G12	ZM_157_A1_G12_T7C	
72896	ZM_157_A1_G12		ZM_157_A1_G12_MR
72897	ZM_157_A1_H01	ZM_157_A1_H01_T7C	
72898	ZM_157_A1_H01		ZM_157_A1_H01_MR
72899	ZM_157_A1_H02	ZM_157_A1_H02_T7C	
72900	ZM_157_A1_H02		ZM_157_A1_H02_MR
72901	ZM_157_A1_H03	ZM_157_A1_H03_T7C	
72902	ZM_157_A1_H03		ZM_157_A1_H03_MR
72903	ZM_157_A1_H04	ZM_157_A1_H04_T7C	
72904	ZM_157_A1_H04		ZM_157_A1_H04_MR
72905	ZM_157_A1_H05	ZM_157_A1_H05_T7C	
72906	ZM_157_A1_H05		ZM_157_A1_H05_MR
72907	ZM_157_A1_H06	ZM_157_A1_H06_T7C	
72908	ZM_157_A1_H06		ZM_157_A1_H06_MR
72909	ZM_157_A1_H07	ZM_157_A1_H07_T7C	
72910	ZM_157_A1_H07		ZM_157_A1_H07_MR
72911	ZM_157_A1_H08	ZM_157_A1_H08_T7C	
72912	ZM_157_A1_H08		ZM_157_A1_H08_MR
72913	ZM_157_A1_H09	ZM_157_A1_H09_T7C	
72914	ZM_157_A1_H09		ZM_157_A1_H09_MR
72915	ZM_157_A1_H10	ZM_157_A1_H10_T7C	
72916	ZM_157_A1_H10		ZM_157_A1_H10_MR
72917	ZM_157_A1_H11	ZM_157_A1_H11_T7C	
72918	ZM_157_A1_H11		ZM_157_A1_H11_MR
72919	ZM_157_A1_H12	ZM_157_A1_H12_T7C	
72920	ZM_157_A1_H12		ZM_157_A1_H12_MR
72921	ZM_157_A2_A01	ZM_157_A2_A01_T7C	
72922	ZM_157_A2_A01		ZM_157_A2_A01_MR
72923	ZM_157_A2_A02	ZM_157_A2_A02_T7C	
72924	ZM_157_A2_A02		ZM_157_A2_A02_MR
72925	ZM_157_A2_A03	ZM_157_A2_A03_T7C	
72926	ZM_157_A2_A03		ZM_157_A2_A03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72927	ZM_157_A2_A04	ZM_157_A2_A04_T7C	
72928	ZM_157_A2_A04		ZM_157_A2_A04_MR
72929	ZM_157_A2_A05	ZM_157_A2_A05_T7C	
72930	ZM_157_A2_A05		ZM_157_A2_A05_MR
72931	ZM_157_A2_A06	ZM_157_A2_A06_T7C	
72932	ZM_157_A2_A06		ZM_157_A2_A06_MR
72933	ZM_157_A2_A08	ZM_157_A2_A08_T7C	
72934	ZM_157_A2_A08		ZM_157_A2_A08_MR
72935	ZM_157_A2_A09	ZM_157_A2_A09_T7C	
72936	ZM_157_A2_A09		ZM_157_A2_A09_MR
72937	ZM_157_A2_A10	ZM_157_A2_A10_T7C	
72938	ZM_157_A2_A10		ZM_157_A2_A10_MR
72939	ZM_157_A2_A11	ZM_157_A2_A11_T7C	
72940	ZM_157_A2_A11		ZM_157_A2_A11_MR
72941	ZM_157_A2_A12	ZM_157_A2_A12_T7C	
72942	ZM_157_A2_A12		ZM_157_A2_A12_MR
72943	ZM_157_A2_B01	ZM_157_A2_B01_T7C	
72944	ZM_157_A2_B01		ZM_157_A2_B01_MR
72945	ZM_157_A2_B02	ZM_157_A2_B02_T7C	
72946	ZM_157_A2_B02		ZM_157_A2_B02_MR
72947	ZM_157_A2_B03	ZM_157_A2_B03_T7C	
72948	ZM_157_A2_B03		ZM_157_A2_B03_MR
72949	ZM_157_A2_B04	ZM_157_A2_B04_T7C	
72950	ZM_157_A2_B04		ZM_157_A2_B04_MR
72951	ZM_157_A2_B05	ZM_157_A2_B05_T7C	
72952	ZM_157_A2_B05		ZM_157_A2_B05_MR
72953	ZM_157_A2_B06	ZM_157_A2_B06_T7C	
72954	ZM_157_A2_B06		ZM_157_A2_B06_MR
72955	ZM_157_A2_B07	ZM_157_A2_B07_T7C	
72956	ZM_157_A2_B07		ZM_157_A2_B07_MR
72957	ZM_157_A2_B08	ZM_157_A2_B08_T7C	
72958	ZM_157_A2_B08		ZM_157_A2_B08_MR
72959	ZM_157_A2_B09	ZM_157_A2_B09_T7C	
72960	ZM_157_A2_B09		ZM_157_A2_B09_MR
72961	ZM_157_A2_B10	ZM_157_A2_B10_T7C	
72962	ZM_157_A2_B10		ZM_157_A2_B10_MR
72963	ZM_157_A2_B11	ZM_157_A2_B11_T7C	
72964	ZM_157_A2_B11		ZM_157_A2_B11_MR
72965	ZM_157_A2_B12	ZM_157_A2_B12_T7C	
72966	ZM_157_A2_B12		ZM_157_A2_B12_MR
72967	ZM_157_A2_C01	ZM_157_A2_C01_T7C	
72968	ZM_157_A2_C01		ZM_157_A2_C01_MR
72969	ZM_157_A2_C02	ZM_157_A2_C02_T7C	
72970	ZM_157_A2_C02		ZM_157_A2_C02_MR
72971	ZM_157_A2_C03	ZM_157_A2_C03_T7C	
72972	ZM_157_A2_C03		ZM_157_A2_C03_MR
72973	ZM_157_A2_C04	ZM_157_A2_C04_T7C	
72974	ZM_157_A2_C04		ZM_157_A2_C04_MR
72975	ZM_157_A2_C05	ZM_157_A2_C05_T7C	
72976	ZM_157_A2_C05		ZM_157_A2_C05_MR
72977	ZM_157_A2_C06	ZM_157_A2_C06_T7C	
72978	ZM_157_A2_C06		ZM_157_A2_C06_MR
72979	ZM_157_A2_C07	ZM_157_A2_C07_T7C	
72980	ZM_157_A2_C07		ZM_157_A2_C07_MR
72981	ZM_157_A2_C08	ZM_157_A2_C08_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
72982	ZM_157_A2_C08		ZM_157_A2_C08_MR
72983	ZM_157_A2_C09	ZM_157_A2_C09_T7C	
72984	ZM_157_A2_C09		ZM_157_A2_C09_MR
72985	ZM_157_A2_C10	ZM_157_A2_C10_T7C	
72986	ZM_157_A2_C10		ZM_157_A2_C10_MR
72987	ZM_157_A2_C11	ZM_157_A2_C11_T7C	
72988	ZM_157_A2_C11		ZM_157_A2_C11_MR
72989	ZM_157_A2_C12	ZM_157_A2_C12_T7C	
72990	ZM_157_A2_C12		ZM_157_A2_C12_MR
72991	ZM_157_A2_D01	ZM_157_A2_D01_T7C	
72992	ZM_157_A2_D01		ZM_157_A2_D01_MR
72993	ZM_157_A2_D02	ZM_157_A2_D02_T7C	
72994	ZM_157_A2_D02		ZM_157_A2_D02_MR
72995	ZM_157_A2_D03	ZM_157_A2_D03_T7C	
72996	ZM_157_A2_D03		ZM_157_A2_D03_MR
72997	ZM_157_A2_D04	ZM_157_A2_D04_T7C	
72998	ZM_157_A2_D04		ZM_157_A2_D04_MR
72999	ZM_157_A2_D05	ZM_157_A2_D05_T7C	
73000	ZM_157_A2_D05		ZM_157_A2_D05_MR
73001	ZM_157_A2_D06	ZM_157_A2_D06_T7C	
73002	ZM_157_A2_D06		ZM_157_A2_D06_MR
73003	ZM_157_A2_D07	ZM_157_A2_D07_T7C	
73004	ZM_157_A2_D07		ZM_157_A2_D07_MR
73005	ZM_157_A2_D08	ZM_157_A2_D08_T7C	
73006	ZM_157_A2_D08		ZM_157_A2_D08_MR
73007	ZM_157_A2_D09	ZM_157_A2_D09_T7C	
73008	ZM_157_A2_D09		ZM_157_A2_D09_MR
73009	ZM_157_A2_D10	ZM_157_A2_D10_T7C	
73010	ZM_157_A2_D10		ZM_157_A2_D10_MR
73011	ZM_157_A2_D11	ZM_157_A2_D11_T7C	
73012	ZM_157_A2_D11		ZM_157_A2_D11_MR
73013	ZM_157_A2_D12	ZM_157_A2_D12_T7C	
73014	ZM_157_A2_D12		ZM_157_A2_D12_MR
73015	ZM_157_A2_E01		ZM_157_A2_E01_MR
73016	ZM_157_A2_E02	ZM_157_A2_E02_T7C	
73017	ZM_157_A2_E02		ZM_157_A2_E02_MR
73018	ZM_157_A2_E03	ZM_157_A2_E03_T7C	
73019	ZM_157_A2_E03		ZM_157_A2_E03_MR
73020	ZM_157_A2_E04	ZM_157_A2_E04_T7C	
73021	ZM_157_A2_E04		ZM_157_A2_E04_MR
73022	ZM_157_A2_E05	ZM_157_A2_E05_T7C	
73023	ZM_157_A2_E05		ZM_157_A2_E05_MR
73024	ZM_157_A2_E06	ZM_157_A2_E06_T7C	
73025	ZM_157_A2_E06		ZM_157_A2_E06_MR
73026	ZM_157_A2_E07	ZM_157_A2_E07_T7C	
73027	ZM_157_A2_E07		ZM_157_A2_E07_MR
73028	ZM_157_A2_E08	ZM_157_A2_E08_T7C	
73029	ZM_157_A2_E08		ZM_157_A2_E08_MR
73030	ZM_157_A2_E09		ZM_157_A2_E09_MR
73031	ZM_157_A2_E10	ZM_157_A2_E10_T7C	
73032	ZM_157_A2_E10		ZM_157_A2_E10_MR
73033	ZM_157_A2_E11	ZM_157_A2_E11_T7C	
73034	ZM_157_A2_E11		ZM_157_A2_E11_MR
73035	ZM_157_A2_E12	ZM_157_A2_E12_T7C	
73036	ZM_157_A2_E12		ZM_157_A2_E12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73037	ZM_157_A2_F01	ZM_157_A2_F01_T7C	
73038	ZM_157_A2_F01		ZM_157_A2_F01_MR
73039	ZM_157_A2_F02	ZM_157_A2_F02_T7C	
73040	ZM_157_A2_F02		ZM_157_A2_F02_MR
73041	ZM_157_A2_F03	ZM_157_A2_F03_T7C	
73042	ZM_157_A2_F03		ZM_157_A2_F03_MR
73043	ZM_157_A2_F04	ZM_157_A2_F04_T7C	
73044	ZM_157_A2_F04		ZM_157_A2_F04_MR
73045	ZM_157_A2_F05	ZM_157_A2_F05_T7C	
73046	ZM_157_A2_F05		ZM_157_A2_F05_MR
73047	ZM_157_A2_F06	ZM_157_A2_F06_T7C	
73048	ZM_157_A2_F06		ZM_157_A2_F06_MR
73049	ZM_157_A2_F07	ZM_157_A2_F07_T7C	
73050	ZM_157_A2_F07		ZM_157_A2_F07_MR
73051	ZM_157_A2_F08	ZM_157_A2_F08_T7C	
73052	ZM_157_A2_F08		ZM_157_A2_F08_MR
73053	ZM_157_A2_F09	ZM_157_A2_F09_T7C	
73054	ZM_157_A2_F09		ZM_157_A2_F09_MR
73055	ZM_157_A2_F10	ZM_157_A2_F10_T7C	
73056	ZM_157_A2_F10		ZM_157_A2_F10_MR
73057	ZM_157_A2_F11	ZM_157_A2_F11_T7C	
73058	ZM_157_A2_F11		ZM_157_A2_F11_MR
73059	ZM_157_A2_F12	ZM_157_A2_F12_T7C	
73060	ZM_157_A2_G01	ZM_157_A2_G01_T7C	
73061	ZM_157_A2_G01		ZM_157_A2_G01_MR
73062	ZM_157_A2_G02	ZM_157_A2_G02_T7C	
73063	ZM_157_A2_G02		ZM_157_A2_G02_MR
73064	ZM_157_A2_G03	ZM_157_A2_G03_T7C	
73065	ZM_157_A2_G04	ZM_157_A2_G04_T7C	
73066	ZM_157_A2_G04		ZM_157_A2_G04_MR
73067	ZM_157_A2_G05	ZM_157_A2_G05_T7C	
73068	ZM_157_A2_G05		ZM_157_A2_G05_MR
73069	ZM_157_A2_G06		ZM_157_A2_G06_MR
73070	ZM_157_A2_G07	ZM_157_A2_G07_T7C	
73071	ZM_157_A2_G07		ZM_157_A2_G07_MR
73072	ZM_157_A2_G08	ZM_157_A2_G08_T7C	
73073	ZM_157_A2_G08		ZM_157_A2_G08_MR
73074	ZM_157_A2_G09	ZM_157_A2_G09_T7C	
73075	ZM_157_A2_G09		ZM_157_A2_G09_MR
73076	ZM_157_A2_G10	ZM_157_A2_G10_T7C	
73077	ZM_157_A2_G10		ZM_157_A2_G10_MR
73078	ZM_157_A2_G11	ZM_157_A2_G11_T7C	
73079	ZM_157_A2_G11		ZM_157_A2_G11_MR
73080	ZM_157_A2_G12	ZM_157_A2_G12_T7C	
73081	ZM_157_A2_G12		ZM_157_A2_G12_MR
73082	ZM_157_A2_H01	ZM_157_A2_H01_T7C	
73083	ZM_157_A2_H01		ZM_157_A2_H01_MR
73084	ZM_157_A2_H02	ZM_157_A2_H02_T7C	
73085	ZM_157_A2_H02		ZM_157_A2_H02_MR
73086	ZM_157_A2_H03	ZM_157_A2_H03_T7C	
73087	ZM_157_A2_H03		ZM_157_A2_H03_MR
73088	ZM_157_A2_H04	ZM_157_A2_H04_T7C	
73089	ZM_157_A2_H04		ZM_157_A2_H04_MR
73090	ZM_157_A2_H05	ZM_157_A2_H05_T7C	
73091	ZM_157_A2_H05		ZM_157_A2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73092	ZM_157_A2_H06	ZM_157_A2_H06_T7C	
73093	ZM_157_A2_H06		ZM_157_A2_H06_MR
73094	ZM_157_A2_H07	ZM_157_A2_H07_T7C	
73095	ZM_157_A2_H07		ZM_157_A2_H07_MR
73096	ZM_157_A2_H08	ZM_157_A2_H08_T7C	
73097	ZM_157_A2_H08		ZM_157_A2_H08_MR
73098	ZM_157_A2_H09	ZM_157_A2_H09_T7C	
73099	ZM_157_A2_H09		ZM_157_A2_H09_MR
73100	ZM_157_A2_H10	ZM_157_A2_H10_T7C	
73101	ZM_157_A2_H10		ZM_157_A2_H10_MR
73102	ZM_157_A2_H11	ZM_157_A2_H11_T7C	
73103	ZM_157_A2_H11		ZM_157_A2_H11_MR
73104	ZM_157_A2_H12	ZM_157_A2_H12_T7C	
73105	ZM_157_A2_H12		ZM_157_A2_H12_MR
73106	ZM_157_B1_A01	ZM_157_B1_A01_T7C	
73107	ZM_157_B1_A02	ZM_157_B1_A02_T7C	
73108	ZM_157_B1_A03	ZM_157_B1_A03_T7C	
73109	ZM_157_B1_A03		ZM_157_B1_A03_MR
73110	ZM_157_B1_A04	ZM_157_B1_A04_T7C	
73111	ZM_157_B1_A04		ZM_157_B1_A04_MR
73112	ZM_157_B1_A05	ZM_157_B1_A05_T7C	
73113	ZM_157_B1_A05		ZM_157_B1_A05_MR
73114	ZM_157_B1_A06	ZM_157_B1_A06_T7C	
73115	ZM_157_B1_A06		ZM_157_B1_A06_MR
73116	ZM_157_B1_A08	ZM_157_B1_A08_T7C	
73117	ZM_157_B1_A08		ZM_157_B1_A08_MR
73118	ZM_157_B1_A09	ZM_157_B1_A09_T7C	
73119	ZM_157_B1_A09		ZM_157_B1_A09_MR
73120	ZM_157_B1_A10	ZM_157_B1_A10_T7C	
73121	ZM_157_B1_A10		ZM_157_B1_A10_MR
73122	ZM_157_B1_A11	ZM_157_B1_A11_T7C	
73123	ZM_157_B1_A11		ZM_157_B1_A11_MR
73124	ZM_157_B1_A12	ZM_157_B1_A12_T7C	
73125	ZM_157_B1_A12		ZM_157_B1_A12_MR
73126	ZM_157_B1_B01	ZM_157_B1_B01_T7C	
73127	ZM_157_B1_B01		ZM_157_B1_B01_MR
73128	ZM_157_B1_B02	ZM_157_B1_B02_T7C	
73129	ZM_157_B1_B02		ZM_157_B1_B02_MR
73130	ZM_157_B1_B03	ZM_157_B1_B03_T7C	
73131	ZM_157_B1_B03		ZM_157_B1_B03_MR
73132	ZM_157_B1_B04		ZM_157_B1_B04_MR
73133	ZM_157_B1_B05	ZM_157_B1_B05_T7C	
73134	ZM_157_B1_B05		ZM_157_B1_B05_MR
73135	ZM_157_B1_B06	ZM_157_B1_B06_T7C	
73136	ZM_157_B1_B07	ZM_157_B1_B07_T7C	
73137	ZM_157_B1_B07		ZM_157_B1_B07_MR
73138	ZM_157_B1_B08		ZM_157_B1_B08_MR
73139	ZM_157_B1_B09	ZM_157_B1_B09_T7C	
73140	ZM_157_B1_B09		ZM_157_B1_B09_MR
73141	ZM_157_B1_B10	ZM_157_B1_B10_T7C	
73142	ZM_157_B1_B10		ZM_157_B1_B10_MR
73143	ZM_157_B1_B11	ZM_157_B1_B11_T7C	
73144	ZM_157_B1_B11		ZM_157_B1_B11_MR
73145	ZM_157_B1_B12	ZM_157_B1_B12_T7C	
73146	ZM_157_B1_B12		ZM_157_B1_B12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73147	ZM_157_B1_C01	ZM_157_B1_C01_T7C	
73148	ZM_157_B1_C01		ZM_157_B1_C01_MR
73149	ZM_157_B1_C02		ZM_157_B1_C02_MR
73150	ZM_157_B1_C03	ZM_157_B1_C03_T7C	
73151	ZM_157_B1_C04	ZM_157_B1_C04_T7C	
73152	ZM_157_B1_C04		ZM_157_B1_C04_MR
73153	ZM_157_B1_C05	ZM_157_B1_C05_T7C	
73154	ZM_157_B1_C06	ZM_157_B1_C06_T7C	
73155	ZM_157_B1_C07		ZM_157_B1_C07_MR
73156	ZM_157_B1_C08	ZM_157_B1_C08_T7C	
73157	ZM_157_B1_C08		ZM_157_B1_C08_MR
73158	ZM_157_B1_C09	ZM_157_B1_C09_T7C	
73159	ZM_157_B1_C10	ZM_157_B1_C10_T7C	
73160	ZM_157_B1_C10		ZM_157_B1_C10_MR
73161	ZM_157_B1_C11	ZM_157_B1_C11_T7C	
73162	ZM_157_B1_C12	ZM_157_B1_C12_T7C	
73163	ZM_157_B1_C12		ZM_157_B1_C12_MR
73164	ZM_157_B1_D01	ZM_157_B1_D01_T7C	
73165	ZM_157_B1_D01		ZM_157_B1_D01_MR
73166	ZM_157_B1_D02	ZM_157_B1_D02_T7C	
73167	ZM_157_B1_D02		ZM_157_B1_D02_MR
73168	ZM_157_B1_D03	ZM_157_B1_D03_T7C	
73169	ZM_157_B1_D03		ZM_157_B1_D03_MR
73170	ZM_157_B1_D04	ZM_157_B1_D04_T7C	
73171	ZM_157_B1_D04		ZM_157_B1_D04_MR
73172	ZM_157_B1_D05	ZM_157_B1_D05_T7C	
73173	ZM_157_B1_D05		ZM_157_B1_D05_MR
73174	ZM_157_B1_D06	ZM_157_B1_D06_T7C	
73175	ZM_157_B1_D06		ZM_157_B1_D06_MR
73176	ZM_157_B1_D07		ZM_157_B1_D07_MR
73177	ZM_157_B1_D08	ZM_157_B1_D08_T7C	
73178	ZM_157_B1_D08		ZM_157_B1_D08_MR
73179	ZM_157_B1_D09	ZM_157_B1_D09_T7C	
73180	ZM_157_B1_D09		ZM_157_B1_D09_MR
73181	ZM_157_B1_D10	ZM_157_B1_D10_T7C	
73182	ZM_157_B1_D10		ZM_157_B1_D10_MR
73183	ZM_157_B1_D11	ZM_157_B1_D11_T7C	
73184	ZM_157_B1_D11		ZM_157_B1_D11_MR
73185	ZM_157_B1_D12	ZM_157_B1_D12_T7C	
73186	ZM_157_B1_D12		ZM_157_B1_D12_MR
73187	ZM_157_B1_E01	ZM_157_B1_E01_T7C	
73188	ZM_157_B1_E02	ZM_157_B1_E02_T7C	
73189	ZM_157_B1_E02		ZM_157_B1_E02_MR
73190	ZM_157_B1_E03	ZM_157_B1_E03_T7C	
73191	ZM_157_B1_E03		ZM_157_B1_E03_MR
73192	ZM_157_B1_E05	ZM_157_B1_E05_T7C	
73193	ZM_157_B1_E05		ZM_157_B1_E05_MR
73194	ZM_157_B1_E07	ZM_157_B1_E07_T7C	
73195	ZM_157_B1_E07		ZM_157_B1_E07_MR
73196	ZM_157_B1_E08	ZM_157_B1_E08_T7C	
73197	ZM_157_B1_E08		ZM_157_B1_E08_MR
73198	ZM_157_B1_E09	ZM_157_B1_E09_T7C	
73199	ZM_157_B1_E09		ZM_157_B1_E09_MR
73200	ZM_157_B1_E10	ZM_157_B1_E10_T7C	
73201	ZM_157_B1_E10		ZM_157_B1_E10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73202	ZM_157_B1_E11	ZM_157_B1_E11_T7C	
73203	ZM_157_B1_E11		ZM_157_B1_E11_MR
73204	ZM_157_B1_E12	ZM_157_B1_E12_T7C	
73205	ZM_157_B1_E12		ZM_157_B1_E12_MR
73206	ZM_157_B1_F01	ZM_157_B1_F01_T7C	
73207	ZM_157_B1_F01		ZM_157_B1_F01_MR
73208	ZM_157_B1_F02		ZM_157_B1_F02_MR
73209	ZM_157_B1_F03	ZM_157_B1_F03_T7C	
73210	ZM_157_B1_F03		ZM_157_B1_F03_MR
73211	ZM_157_B1_F04	ZM_157_B1_F04_T7C	
73212	ZM_157_B1_F04		ZM_157_B1_F04_MR
73213	ZM_157_B1_F05		ZM_157_B1_F05_MR
73214	ZM_157_B1_F07	ZM_157_B1_F07_T7C	
73215	ZM_157_B1_F07		ZM_157_B1_F07_MR
73216	ZM_157_B1_F08	ZM_157_B1_F08_T7C	
73217	ZM_157_B1_F08		ZM_157_B1_F08_MR
73218	ZM_157_B1_F09	ZM_157_B1_F09_T7C	
73219	ZM_157_B1_F09		ZM_157_B1_F09_MR
73220	ZM_157_B1_F10		ZM_157_B1_F10_MR
73221	ZM_157_B1_F11	ZM_157_B1_F11_T7C	
73222	ZM_157_B1_F11		ZM_157_B1_F11_MR
73223	ZM_157_B1_F12	ZM_157_B1_F12_T7C	
73224	ZM_157_B1_F12		ZM_157_B1_F12_MR
73225	ZM_157_B1_G01	ZM_157_B1_G01_T7C	
73226	ZM_157_B1_G02	ZM_157_B1_G02_T7C	
73227	ZM_157_B1_G02		ZM_157_B1_G02_MR
73228	ZM_157_B1_G03	ZM_157_B1_G03_T7C	
73229	ZM_157_B1_G03		ZM_157_B1_G03_MR
73230	ZM_157_B1_G04		ZM_157_B1_G04_MR
73231	ZM_157_B1_G05	ZM_157_B1_G05_T7C	
73232	ZM_157_B1_G05		ZM_157_B1_G05_MR
73233	ZM_157_B1_G06	ZM_157_B1_G06_T7C	
73234	ZM_157_B1_G06		ZM_157_B1_G06_MR
73235	ZM_157_B1_G07		ZM_157_B1_G07_MR
73236	ZM_157_B1_G08	ZM_157_B1_G08_T7C	
73237	ZM_157_B1_G08		ZM_157_B1_G08_MR
73238	ZM_157_B1_G09	ZM_157_B1_G09_T7C	
73239	ZM_157_B1_G09		ZM_157_B1_G09_MR
73240	ZM_157_B1_G10	ZM_157_B1_G10_T7C	
73241	ZM_157_B1_G10		ZM_157_B1_G10_MR
73242	ZM_157_B1_G11	ZM_157_B1_G11_T7C	
73243	ZM_157_B1_G11		ZM_157_B1_G11_MR
73244	ZM_157_B1_G12	ZM_157_B1_G12_T7C	
73245	ZM_157_B1_G12		ZM_157_B1_G12_MR
73246	ZM_157_B1_H01	ZM_157_B1_H01_T7C	
73247	ZM_157_B1_H01		ZM_157_B1_H01_MR
73248	ZM_157_B1_H02	ZM_157_B1_H02_T7C	
73249	ZM_157_B1_H02		ZM_157_B1_H02_MR
73250	ZM_157_B1_H03	ZM_157_B1_H03_T7C	
73251	ZM_157_B1_H03		ZM_157_B1_H03_MR
73252	ZM_157_B1_H04	ZM_157_B1_H04_T7C	
73253	ZM_157_B1_H04		ZM_157_B1_H04_MR
73254	ZM_157_B1_H05	ZM_157_B1_H05_T7C	
73255	ZM_157_B1_H05		ZM_157_B1_H05_MR
73256	ZM_157_B1_H06	ZM_157_B1_H06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73257	ZM_157_B1_H06		ZM_157_B1_H06_MR
73258	ZM_157_B1_H07	ZM_157_B1_H07_T7C	
73259	ZM_157_B1_H08	ZM_157_B1_H08_T7C	
73260	ZM_157_B1_H08		ZM_157_B1_H08_MR
73261	ZM_157_B1_H09	ZM_157_B1_H09_T7C	
73262	ZM_157_B1_H09		ZM_157_B1_H09_MR
73263	ZM_157_B1_H10	ZM_157_B1_H10_T7C	
73264	ZM_157_B1_H10		ZM_157_B1_H10_MR
73265	ZM_157_B1_H11	ZM_157_B1_H11_T7C	
73266	ZM_157_B1_H11		ZM_157_B1_H11_MR
73267	ZM_157_B1_H12	ZM_157_B1_H12_T7C	
73268	ZM_157_B1_H12		ZM_157_B1_H12_MR
73269	ZM_157_B2_A01	ZM_157_B2_A01_T7C	
73270	ZM_157_B2_A02	ZM_157_B2_A02_T7C	
73271	ZM_157_B2_A03	ZM_157_B2_A03_T7C	
73272	ZM_157_B2_A04	ZM_157_B2_A04_T7C	
73273	ZM_157_B2_A06	ZM_157_B2_A06_T7C	
73274	ZM_157_B2_A07	ZM_157_B2_A07_T7C	
73275	ZM_157_B2_A08	ZM_157_B2_A08_T7C	
73276	ZM_157_B2_A09	ZM_157_B2_A09_T7C	
73277	ZM_157_B2_A10	ZM_157_B2_A10_T7C	
73278	ZM_157_B2_A11	ZM_157_B2_A11_T7C	
73279	ZM_157_B2_B01	ZM_157_B2_B01_T7C	
73280	ZM_157_B2_B03	ZM_157_B2_B03_T7C	
73281	ZM_157_B2_B04	ZM_157_B2_B04_T7C	
73282	ZM_157_B2_B05	ZM_157_B2_B05_T7C	
73283	ZM_157_B2_B07	ZM_157_B2_B07_T7C	
73284	ZM_157_B2_B08	ZM_157_B2_B08_T7C	
73285	ZM_157_B2_B09	ZM_157_B2_B09_T7C	
73286	ZM_157_B2_B10	ZM_157_B2_B10_T7C	
73287	ZM_157_B2_C01	ZM_157_B2_C01_T7C	
73288	ZM_157_B2_C02	ZM_157_B2_C02_T7C	
73289	ZM_157_B2_C03	ZM_157_B2_C03_T7C	
73290	ZM_157_B2_C04	ZM_157_B2_C04_T7C	
73291	ZM_157_B2_C05	ZM_157_B2_C05_T7C	
73292	ZM_157_B2_C06	ZM_157_B2_C06_T7C	
73293	ZM_157_B2_C07	ZM_157_B2_C07_T7C	
73294	ZM_157_B2_C08	ZM_157_B2_C08_T7C	
73295	ZM_157_B2_C09	ZM_157_B2_C09_T7C	
73296	ZM_157_B2_C10	ZM_157_B2_C10_T7C	
73297	ZM_157_B2_C11	ZM_157_B2_C11_T7C	
73298	ZM_157_B2_C12	ZM_157_B2_C12_T7C	
73299	ZM_157_B2_D01	ZM_157_B2_D01_T7C	
73300	ZM_157_B2_D02	ZM_157_B2_D02_T7C	
73301	ZM_157_B2_D03	ZM_157_B2_D03_T7C	
73302	ZM_157_B2_D04	ZM_157_B2_D04_T7C	
73303	ZM_157_B2_D05	ZM_157_B2_D05_T7C	
73304	ZM_157_B2_D06	ZM_157_B2_D06_T7C	
73305	ZM_157_B2_D07	ZM_157_B2_D07_T7C	
73306	ZM_157_B2_D08	ZM_157_B2_D08_T7C	
73307	ZM_157_B2_D09	ZM_157_B2_D09_T7C	
73308	ZM_157_B2_D10	ZM_157_B2_D10_T7C	
73309	ZM_157_B2_D11	ZM_157_B2_D11_T7C	
73310	ZM_157_B2_D12	ZM_157_B2_D12_T7C	
73311	ZM_157_B2_E01	ZM_157_B2_E01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73312	ZM_157_B2_E02	ZM_157_B2_E02_T7C	
73313	ZM_157_B2_E04	ZM_157_B2_E04_T7C	
73314	ZM_157_B2_E06	ZM_157_B2_E06_T7C	
73315	ZM_157_B2_E07	ZM_157_B2_E07_T7C	
73316	ZM_157_B2_E08	ZM_157_B2_E08_T7C	
73317	ZM_157_B2_E09	ZM_157_B2_E09_T7C	
73318	ZM_157_B2_E10	ZM_157_B2_E10_T7C	
73319	ZM_157_B2_E11	ZM_157_B2_E11_T7C	
73320	ZM_157_B2_F01	ZM_157_B2_F01_T7C	
73321	ZM_157_B2_F02	ZM_157_B2_F02_T7C	
73322	ZM_157_B2_F07	ZM_157_B2_F07_T7C	
73323	ZM_157_B2_F08	ZM_157_B2_F08_T7C	
73324	ZM_157_B2_F09	ZM_157_B2_F09_T7C	
73325	ZM_157_B2_F10	ZM_157_B2_F10_T7C	
73326	ZM_157_B2_F11	ZM_157_B2_F11_T7C	
73327	ZM_157_B2_F12	ZM_157_B2_F12_T7C	
73328	ZM_157_B2_G01	ZM_157_B2_G01_T7C	
73329	ZM_157_B2_G02	ZM_157_B2_G02_T7C	
73330	ZM_157_B2_G03	ZM_157_B2_G03_T7C	
73331	ZM_157_B2_G04	ZM_157_B2_G04_T7C	
73332	ZM_157_B2_G05	ZM_157_B2_G05_T7C	
73333	ZM_157_B2_G06	ZM_157_B2_G06_T7C	
73334	ZM_157_B2_G07	ZM_157_B2_G07_T7C	
73335	ZM_157_B2_G08	ZM_157_B2_G08_T7C	
73336	ZM_157_B2_G09	ZM_157_B2_G09_T7C	
73337	ZM_157_B2_G10	ZM_157_B2_G10_T7C	
73338	ZM_157_B2_G11	ZM_157_B2_G11_T7C	
73339	ZM_157_B2_H01	ZM_157_B2_H01_T7C	
73340	ZM_157_B2_H02	ZM_157_B2_H02_T7C	
73341	ZM_157_B2_H03	ZM_157_B2_H03_T7C	
73342	ZM_157_B2_H04	ZM_157_B2_H04_T7C	
73343	ZM_157_B2_H05	ZM_157_B2_H05_T7C	
73344	ZM_157_B2_H06	ZM_157_B2_H06_T7C	
73345	ZM_157_B2_H07	ZM_157_B2_H07_T7C	
73346	ZM_157_B2_H08	ZM_157_B2_H08_T7C	
73347	ZM_157_B2_H09	ZM_157_B2_H09_T7C	
73348	ZM_157_B2_H10	ZM_157_B2_H10_T7C	
73349	ZM_157_B2_H11	ZM_157_B2_H11_T7C	
73350	ZM_157_B2_H12	ZM_157_B2_H12_T7C	
73351	ZM_158_A1_A01	ZM_158_A1_A01_T7C	
73352	ZM_158_A1_A01		ZM_158_A1_A01_MR
73353	ZM_158_A1_A02	ZM_158_A1_A02_T7C	
73354	ZM_158_A1_A02		ZM_158_A1_A02_MR
73355	ZM_158_A1_A03		ZM_158_A1_A03_MR
73356	ZM_158_A1_A04	ZM_158_A1_A04_T7C	
73357	ZM_158_A1_A04		ZM_158_A1_A04_MR
73358	ZM_158_A1_A05	ZM_158_A1_A05_T7C	
73359	ZM_158_A1_A05		ZM_158_A1_A05_MR
73360	ZM_158_A1_A06		ZM_158_A1_A06_MR
73361	ZM_158_A1_A07	ZM_158_A1_A07_T7C	
73362	ZM_158_A1_A07		ZM_158_A1_A07_MR
73363	ZM_158_A1_A08	ZM_158_A1_A08_T7C	
73364	ZM_158_A1_A08		ZM_158_A1_A08_MR
73365	ZM_158_A1_A09	ZM_158_A1_A09_T7C	
73366	ZM_158_A1_A09		ZM_158_A1_A09_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73367	ZM_158_A1_A10	ZM_158_A1_A10_T7C	ZM_158_A1_A10_MR
73368	ZM_158_A1_A10		
73369	ZM_158_A1_A11	ZM_158_A1_A11_T7C	ZM_158_A1_A11_MR
73370	ZM_158_A1_A11		
73371	ZM_158_A1_A12	ZM_158_A1_A12_T7C	ZM_158_A1_A12_MR
73372	ZM_158_A1_A12		
73373	ZM_158_A1_B01	ZM_158_A1_B01_T7C	ZM_158_A1_B01_MR
73374	ZM_158_A1_B01		
73375	ZM_158_A1_B02	ZM_158_A1_B02_T7C	ZM_158_A1_B02_MR
73376	ZM_158_A1_B02		ZM_158_A1_B03_MR
73377	ZM_158_A1_B03		
73378	ZM_158_A1_B04	ZM_158_A1_B04_T7C	ZM_158_A1_B04_MR
73379	ZM_158_A1_B04		
73380	ZM_158_A1_B05	ZM_158_A1_B05_T7C	ZM_158_A1_B05_MR
73381	ZM_158_A1_B05		
73382	ZM_158_A1_B06	ZM_158_A1_B06_T7C	ZM_158_A1_B06_MR
73383	ZM_158_A1_B06		ZM_158_A1_B07_MR
73384	ZM_158_A1_B07		
73385	ZM_158_A1_B08	ZM_158_A1_B08_T7C	ZM_158_A1_B08_MR
73386	ZM_158_A1_B08		
73387	ZM_158_A1_B09	ZM_158_A1_B09_T7C	ZM_158_A1_B09_MR
73388	ZM_158_A1_B09		
73389	ZM_158_A1_B10	ZM_158_A1_B10_T7C	ZM_158_A1_B10_MR
73390	ZM_158_A1_B10		ZM_158_A1_B11_MR
73391	ZM_158_A1_B11		
73392	ZM_158_A1_B12	ZM_158_A1_B12_T7C	ZM_158_A1_B12_MR
73393	ZM_158_A1_B12		
73394	ZM_158_A1_C01	ZM_158_A1_C01_T7C	ZM_158_A1_C01_MR
73395	ZM_158_A1_C01		
73396	ZM_158_A1_C02	ZM_158_A1_C02_T7C	ZM_158_A1_C02_MR
73397	ZM_158_A1_C02		
73398	ZM_158_A1_C03	ZM_158_A1_C03_T7C	ZM_158_A1_C03_MR
73399	ZM_158_A1_C03		
73400	ZM_158_A1_C04	ZM_158_A1_C04_T7C	ZM_158_A1_C04_MR
73401	ZM_158_A1_C04		
73402	ZM_158_A1_C05	ZM_158_A1_C05_T7C	ZM_158_A1_C05_MR
73403	ZM_158_A1_C05		
73404	ZM_158_A1_C06	ZM_158_A1_C06_T7C	ZM_158_A1_C06_MR
73405	ZM_158_A1_C06		
73406	ZM_158_A1_C07	ZM_158_A1_C07_T7C	ZM_158_A1_C07_MR
73407	ZM_158_A1_C07		
73408	ZM_158_A1_C08	ZM_158_A1_C08_T7C	ZM_158_A1_C08_MR
73409	ZM_158_A1_C08		
73410	ZM_158_A1_C09	ZM_158_A1_C09_T7C	ZM_158_A1_C09_MR
73411	ZM_158_A1_C09		
73412	ZM_158_A1_C10	ZM_158_A1_C10_T7C	ZM_158_A1_C10_MR
73413	ZM_158_A1_C10		
73414	ZM_158_A1_C11	ZM_158_A1_C11_T7C	ZM_158_A1_C11_MR
73415	ZM_158_A1_C11		
73416	ZM_158_A1_C12	ZM_158_A1_C12_T7C	
73417	ZM_158_A1_D01	ZM_158_A1_D01_T7C	ZM_158_A1_D01_MR
73418	ZM_158_A1_D01		
73419	ZM_158_A1_D02	ZM_158_A1_D02_T7C	ZM_158_A1_D02_MR
73420	ZM_158_A1_D02		
73421	ZM_158_A1_D03	ZM_158_A1_D03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73422	ZM_158_A1_D03		ZM_158_A1_D03_MR
73423	ZM_158_A1_D04	ZM_158_A1_D04_T7C	
73424	ZM_158_A1_D04		ZM_158_A1_D04_MR
73425	ZM_158_A1_D05	ZM_158_A1_D05_T7C	
73426	ZM_158_A1_D05		ZM_158_A1_D05_MR
73427	ZM_158_A1_D06	ZM_158_A1_D06_T7C	
73428	ZM_158_A1_D06		ZM_158_A1_D06_MR
73429	ZM_158_A1_D07	ZM_158_A1_D07_T7C	
73430	ZM_158_A1_D07		ZM_158_A1_D07_MR
73431	ZM_158_A1_D08	ZM_158_A1_D08_T7C	
73432	ZM_158_A1_D09	ZM_158_A1_D09_T7C	
73433	ZM_158_A1_D09		ZM_158_A1_D09_MR
73434	ZM_158_A1_D10	ZM_158_A1_D10_T7C	
73435	ZM_158_A1_D10		ZM_158_A1_D10_MR
73436	ZM_158_A1_D11	ZM_158_A1_D11_T7C	
73437	ZM_158_A1_D11		ZM_158_A1_D11_MR
73438	ZM_158_A1_D12	ZM_158_A1_D12_T7C	
73439	ZM_158_A1_D12		ZM_158_A1_D12_MR
73440	ZM_158_A1_E01	ZM_158_A1_E01_T7C	
73441	ZM_158_A1_E01		ZM_158_A1_E01_MR
73442	ZM_158_A1_E02		ZM_158_A1_E02_MR
73443	ZM_158_A1_E03		ZM_158_A1_E03_MR
73444	ZM_158_A1_E04	ZM_158_A1_E04_T7C	
73445	ZM_158_A1_E04		ZM_158_A1_E04_MR
73446	ZM_158_A1_E05	ZM_158_A1_E05_T7C	
73447	ZM_158_A1_E05		ZM_158_A1_E05_MR
73448	ZM_158_A1_E06		ZM_158_A1_E06_MR
73449	ZM_158_A1_E07	ZM_158_A1_E07_T7C	
73450	ZM_158_A1_E07		ZM_158_A1_E07_MR
73451	ZM_158_A1_E08		ZM_158_A1_E08_MR
73452	ZM_158_A1_E09	ZM_158_A1_E09_T7C	
73453	ZM_158_A1_E09		ZM_158_A1_E09_MR
73454	ZM_158_A1_E10	ZM_158_A1_E10_T7C	
73455	ZM_158_A1_E10		ZM_158_A1_E10_MR
73456	ZM_158_A1_E11	ZM_158_A1_E11_T7C	
73457	ZM_158_A1_E11		ZM_158_A1_E11_MR
73458	ZM_158_A1_E12	ZM_158_A1_E12_T7C	
73459	ZM_158_A1_E12		ZM_158_A1_E12_MR
73460	ZM_158_A1_F01	ZM_158_A1_F01_T7C	
73461	ZM_158_A1_F01		ZM_158_A1_F01_MR
73462	ZM_158_A1_F02	ZM_158_A1_F02_T7C	
73463	ZM_158_A1_F02		ZM_158_A1_F02_MR
73464	ZM_158_A1_F03	ZM_158_A1_F03_T7C	
73465	ZM_158_A1_F03		ZM_158_A1_F03_MR
73466	ZM_158_A1_F04	ZM_158_A1_F04_T7C	
73467	ZM_158_A1_F04		ZM_158_A1_F04_MR
73468	ZM_158_A1_F05		ZM_158_A1_F05_MR
73469	ZM_158_A1_F06	ZM_158_A1_F06_T7C	
73470	ZM_158_A1_F06		ZM_158_A1_F06_MR
73471	ZM_158_A1_F07	ZM_158_A1_F07_T7C	
73472	ZM_158_A1_F07		ZM_158_A1_F07_MR
73473	ZM_158_A1_F08	ZM_158_A1_F08_T7C	
73474	ZM_158_A1_F08		ZM_158_A1_F08_MR
73475	ZM_158_A1_F09	ZM_158_A1_F09_T7C	
73476	ZM_158_A1_F09		ZM_158_A1_F09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73477	ZM_158_A1_F10	ZM_158_A1_F10_T7C	
73478	ZM_158_A1_F10		ZM_158_A1_F10_MR
73479	ZM_158_A1_F11	ZM_158_A1_F11_T7C	
73480	ZM_158_A1_F11		ZM_158_A1_F11_MR
73481	ZM_158_A1_F12	ZM_158_A1_F12_T7C	
73482	ZM_158_A1_F12		ZM_158_A1_F12_MR
73483	ZM_158_A1_G01	ZM_158_A1_G01_T7C	
73484	ZM_158_A1_G01		ZM_158_A1_G01_MR
73485	ZM_158_A1_G02	ZM_158_A1_G02_T7C	
73486	ZM_158_A1_G02		ZM_158_A1_G02_MR
73487	ZM_158_A1_G03		ZM_158_A1_G03_MR
73488	ZM_158_A1_G04	ZM_158_A1_G04_T7C	
73489	ZM_158_A1_G04		ZM_158_A1_G04_MR
73490	ZM_158_A1_G05	ZM_158_A1_G05_T7C	
73491	ZM_158_A1_G05		ZM_158_A1_G05_MR
73492	ZM_158_A1_G06	ZM_158_A1_G06_T7C	
73493	ZM_158_A1_G06		ZM_158_A1_G06_MR
73494	ZM_158_A1_G07	ZM_158_A1_G07_T7C	
73495	ZM_158_A1_G07		ZM_158_A1_G07_MR
73496	ZM_158_A1_G08	ZM_158_A1_G08_T7C	
73497	ZM_158_A1_G08		ZM_158_A1_G08_MR
73498	ZM_158_A1_G09	ZM_158_A1_G09_T7C	
73499	ZM_158_A1_G09		ZM_158_A1_G09_MR
73500	ZM_158_A1_G10	ZM_158_A1_G10_T7C	
73501	ZM_158_A1_G10		ZM_158_A1_G10_MR
73502	ZM_158_A1_G11		ZM_158_A1_G11_MR
73503	ZM_158_A1_G12	ZM_158_A1_G12_T7C	
73504	ZM_158_A1_G12		ZM_158_A1_G12_MR
73505	ZM_158_A1_H01	ZM_158_A1_H01_T7C	
73506	ZM_158_A1_H01		ZM_158_A1_H01_MR
73507	ZM_158_A1_H02	ZM_158_A1_H02_T7C	
73508	ZM_158_A1_H02		ZM_158_A1_H02_MR
73509	ZM_158_A1_H04	ZM_158_A1_H04_T7C	
73510	ZM_158_A1_H04		ZM_158_A1_H04_MR
73511	ZM_158_A1_H05	ZM_158_A1_H05_T7C	
73512	ZM_158_A1_H05		ZM_158_A1_H05_MR
73513	ZM_158_A1_H06	ZM_158_A1_H06_T7C	
73514	ZM_158_A1_H06		ZM_158_A1_H06_MR
73515	ZM_158_A1_H07	ZM_158_A1_H07_T7C	
73516	ZM_158_A1_H07		ZM_158_A1_H07_MR
73517	ZM_158_A1_H08	ZM_158_A1_H08_T7C	
73518	ZM_158_A1_H08		ZM_158_A1_H08_MR
73519	ZM_158_A1_H09	ZM_158_A1_H09_T7C	
73520	ZM_158_A1_H09		ZM_158_A1_H09_MR
73521	ZM_158_A1_H10	ZM_158_A1_H10_T7C	
73522	ZM_158_A1_H10		ZM_158_A1_H10_MR
73523	ZM_158_A1_H11	ZM_158_A1_H11_T7C	
73524	ZM_158_A1_H11		ZM_158_A1_H11_MR
73525	ZM_158_A1_H12	ZM_158_A1_H12_T7C	
73526	ZM_158_A1_H12		ZM_158_A1_H12_MR
73527	ZM_158_A2_A01	ZM_158_A2_A01_T7C	
73528	ZM_158_A2_A01		ZM_158_A2_A01_MR
73529	ZM_158_A2_A02	ZM_158_A2_A02_T7C	
73530	ZM_158_A2_A02		ZM_158_A2_A02_MR
73531	ZM_158_A2_A03	ZM_158_A2_A03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73532	ZM_158_A2_A03		ZM_158_A2_A03_MR
73533	ZM_158_A2_A04		ZM_158_A2_A04_MR
73534	ZM_158_A2_A05	ZM_158_A2_A05_T7C	
73535	ZM_158_A2_A05		ZM_158_A2_A05_MR
73536	ZM_158_A2_A06	ZM_158_A2_A06_T7C	
73537	ZM_158_A2_A06		ZM_158_A2_A06_MR
73538	ZM_158_A2_A07	ZM_158_A2_A07_T7C	
73539	ZM_158_A2_A07		ZM_158_A2_A07_MR
73540	ZM_158_A2_A08	ZM_158_A2_A08_T7C	
73541	ZM_158_A2_A08		ZM_158_A2_A08_MR
73542	ZM_158_A2_A09		ZM_158_A2_A09_MR
73543	ZM_158_A2_A10	ZM_158_A2_A10_T7C	
73544	ZM_158_A2_A10		ZM_158_A2_A10_MR
73545	ZM_158_A2_A11	ZM_158_A2_A11_T7C	
73546	ZM_158_A2_A11		ZM_158_A2_A11_MR
73547	ZM_158_A2_A12	ZM_158_A2_A12_T7C	
73548	ZM_158_A2_A12		ZM_158_A2_A12_MR
73549	ZM_158_A2_B01		ZM_158_A2_B01_MR
73550	ZM_158_A2_B02	ZM_158_A2_B02_T7C	
73551	ZM_158_A2_B03	ZM_158_A2_B03_T7C	
73552	ZM_158_A2_B03		ZM_158_A2_B03_MR
73553	ZM_158_A2_B04	ZM_158_A2_B04_T7C	
73554	ZM_158_A2_B04		ZM_158_A2_B04_MR
73555	ZM_158_A2_B05	ZM_158_A2_B05_T7C	
73556	ZM_158_A2_B05		ZM_158_A2_B05_MR
73557	ZM_158_A2_B06	ZM_158_A2_B06_T7C	
73558	ZM_158_A2_B06		ZM_158_A2_B06_MR
73559	ZM_158_A2_B07	ZM_158_A2_B07_T7C	
73560	ZM_158_A2_B08	ZM_158_A2_B08_T7C	
73561	ZM_158_A2_B08		ZM_158_A2_B08_MR
73562	ZM_158_A2_B09	ZM_158_A2_B09_T7C	
73563	ZM_158_A2_B09		ZM_158_A2_B09_MR
73564	ZM_158_A2_B10	ZM_158_A2_B10_T7C	
73565	ZM_158_A2_B10		ZM_158_A2_B10_MR
73566	ZM_158_A2_B11	ZM_158_A2_B11_T7C	
73567	ZM_158_A2_B11		ZM_158_A2_B11_MR
73568	ZM_158_A2_B12	ZM_158_A2_B12_T7C	
73569	ZM_158_A2_B12		ZM_158_A2_B12_MR
73570	ZM_158_A2_C01	ZM_158_A2_C01_T7C	
73571	ZM_158_A2_C01		ZM_158_A2_C01_MR
73572	ZM_158_A2_C02	ZM_158_A2_C02_T7C	
73573	ZM_158_A2_C02		ZM_158_A2_C02_MR
73574	ZM_158_A2_C03	ZM_158_A2_C03_T7C	
73575	ZM_158_A2_C03		ZM_158_A2_C03_MR
73576	ZM_158_A2_C04		ZM_158_A2_C04_MR
73577	ZM_158_A2_C05	ZM_158_A2_C05_T7C	
73578	ZM_158_A2_C05		ZM_158_A2_C05_MR
73579	ZM_158_A2_C06	ZM_158_A2_C06_T7C	
73580	ZM_158_A2_C06		ZM_158_A2_C06_MR
73581	ZM_158_A2_C07	ZM_158_A2_C07_T7C	
73582	ZM_158_A2_C07		ZM_158_A2_C07_MR
73583	ZM_158_A2_C08	ZM_158_A2_C08_T7C	
73584	ZM_158_A2_C08		ZM_158_A2_C08_MR
73585	ZM_158_A2_C09	ZM_158_A2_C09_T7C	
73586	ZM_158_A2_C09		ZM_158_A2_C09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73587	ZM_158_A2_C10	ZM_158_A2_C10_T7C	
73588	ZM_158_A2_C10		ZM_158_A2_C10_MR
73589	ZM_158_A2_C11	ZM_158_A2_C11_T7C	
73590	ZM_158_A2_C11		ZM_158_A2_C11_MR
73591	ZM_158_A2_C12	ZM_158_A2_C12_T7C	
73592	ZM_158_A2_C12		ZM_158_A2_C12_MR
73593	ZM_158_A2_D01	ZM_158_A2_D01_T7C	
73594	ZM_158_A2_D01		ZM_158_A2_D01_MR
73595	ZM_158_A2_D02	ZM_158_A2_D02_T7C	
73596	ZM_158_A2_D02		ZM_158_A2_D02_MR
73597	ZM_158_A2_D03	ZM_158_A2_D03_T7C	
73598	ZM_158_A2_D03		ZM_158_A2_D03_MR
73599	ZM_158_A2_D04	ZM_158_A2_D04_T7C	
73600	ZM_158_A2_D04		ZM_158_A2_D04_MR
73601	ZM_158_A2_D05	ZM_158_A2_D05_T7C	
73602	ZM_158_A2_D05		ZM_158_A2_D05_MR
73603	ZM_158_A2_D06	ZM_158_A2_D06_T7C	
73604	ZM_158_A2_D06		ZM_158_A2_D06_MR
73605	ZM_158_A2_D07	ZM_158_A2_D07_T7C	
73606	ZM_158_A2_D07		ZM_158_A2_D07_MR
73607	ZM_158_A2_D08		ZM_158_A2_D08_MR
73608	ZM_158_A2_D09	ZM_158_A2_D09_T7C	
73609	ZM_158_A2_D09		ZM_158_A2_D09_MR
73610	ZM_158_A2_D10	ZM_158_A2_D10_T7C	
73611	ZM_158_A2_D10		ZM_158_A2_D10_MR
73612	ZM_158_A2_D11	ZM_158_A2_D11_T7C	
73613	ZM_158_A2_D11		ZM_158_A2_D11_MR
73614	ZM_158_A2_D12	ZM_158_A2_D12_T7C	
73615	ZM_158_A2_D12		ZM_158_A2_D12_MR
73616	ZM_158_A2_E02	ZM_158_A2_E02_T7C	
73617	ZM_158_A2_E02		ZM_158_A2_E02_MR
73618	ZM_158_A2_E03	ZM_158_A2_E03_T7C	
73619	ZM_158_A2_E03		ZM_158_A2_E03_MR
73620	ZM_158_A2_E04	ZM_158_A2_E04_T7C	
73621	ZM_158_A2_E04		ZM_158_A2_E04_MR
73622	ZM_158_A2_E05	ZM_158_A2_E05_T7C	
73623	ZM_158_A2_E05		ZM_158_A2_E05_MR
73624	ZM_158_A2_E06	ZM_158_A2_E06_T7C	
73625	ZM_158_A2_E06		ZM_158_A2_E06_MR
73626	ZM_158_A2_E07	ZM_158_A2_E07_T7C	
73627	ZM_158_A2_E07		ZM_158_A2_E07_MR
73628	ZM_158_A2_E08	ZM_158_A2_E08_T7C	
73629	ZM_158_A2_E08		ZM_158_A2_E08_MR
73630	ZM_158_A2_E09	ZM_158_A2_E09_T7C	
73631	ZM_158_A2_E09		ZM_158_A2_E09_MR
73632	ZM_158_A2_E10	ZM_158_A2_E10_T7C	
73633	ZM_158_A2_E10		ZM_158_A2_E10_MR
73634	ZM_158_A2_E11		ZM_158_A2_E11_MR
73635	ZM_158_A2_E12		ZM_158_A2_E12_MR
73636	ZM_158_A2_F01	ZM_158_A2_F01_T7C	
73637	ZM_158_A2_F01		ZM_158_A2_F01_MR
73638	ZM_158_A2_F02	ZM_158_A2_F02_T7C	
73639	ZM_158_A2_F02		ZM_158_A2_F02_MR
73640	ZM_158_A2_F03	ZM_158_A2_F03_T7C	
73641	ZM_158_A2_F03		ZM_158_A2_F03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73642	ZM_158_A2_F04	ZM_158_A2_F04_T7C	
73643	ZM_158_A2_F04		ZM_158_A2_F04_MR
73644	ZM_158_A2_F05	ZM_158_A2_F05_T7C	
73645	ZM_158_A2_F05		ZM_158_A2_F05_MR
73646	ZM_158_A2_F06	ZM_158_A2_F06_T7C	
73647	ZM_158_A2_F06		ZM_158_A2_F06_MR
73648	ZM_158_A2_F07	ZM_158_A2_F07_T7C	
73649	ZM_158_A2_F07		ZM_158_A2_F07_MR
73650	ZM_158_A2_F08	ZM_158_A2_F08_T7C	
73651	ZM_158_A2_F08		ZM_158_A2_F08_MR
73652	ZM_158_A2_F09	ZM_158_A2_F09_T7C	
73653	ZM_158_A2_F10	ZM_158_A2_F10_T7C	
73654	ZM_158_A2_F10		ZM_158_A2_F10_MR
73655	ZM_158_A2_F11	ZM_158_A2_F11_T7C	
73656	ZM_158_A2_F11		ZM_158_A2_F11_MR
73657	ZM_158_A2_F12	ZM_158_A2_F12_T7C	
73658	ZM_158_A2_F12		ZM_158_A2_F12_MR
73659	ZM_158_A2_G01	ZM_158_A2_G01_T7C	
73660	ZM_158_A2_G01		ZM_158_A2_G01_MR
73661	ZM_158_A2_G02	ZM_158_A2_G02_T7C	
73662	ZM_158_A2_G02		ZM_158_A2_G02_MR
73663	ZM_158_A2_G03	ZM_158_A2_G03_T7C	
73664	ZM_158_A2_G03		ZM_158_A2_G03_MR
73665	ZM_158_A2_G04	ZM_158_A2_G04_T7C	
73666	ZM_158_A2_G04		ZM_158_A2_G04_MR
73667	ZM_158_A2_G05	ZM_158_A2_G05_T7C	
73668	ZM_158_A2_G05		ZM_158_A2_G05_MR
73669	ZM_158_A2_G06		ZM_158_A2_G06_MR
73670	ZM_158_A2_G07	ZM_158_A2_G07_T7C	
73671	ZM_158_A2_G07		ZM_158_A2_G07_MR
73672	ZM_158_A2_G08	ZM_158_A2_G08_T7C	
73673	ZM_158_A2_G08		ZM_158_A2_G08_MR
73674	ZM_158_A2_G09	ZM_158_A2_G09_T7C	
73675	ZM_158_A2_G09		ZM_158_A2_G09_MR
73676	ZM_158_A2_G10	ZM_158_A2_G10_T7C	
73677	ZM_158_A2_G10		ZM_158_A2_G10_MR
73678	ZM_158_A2_G11		ZM_158_A2_G11_MR
73679	ZM_158_A2_G12	ZM_158_A2_G12_T7C	
73680	ZM_158_A2_G12		ZM_158_A2_G12_MR
73681	ZM_158_A2_H01	ZM_158_A2_H01_T7C	
73682	ZM_158_A2_H01		ZM_158_A2_H01_MR
73683	ZM_158_A2_H02	ZM_158_A2_H02_T7C	
73684	ZM_158_A2_H02		ZM_158_A2_H02_MR
73685	ZM_158_A2_H03	ZM_158_A2_H03_T7C	
73686	ZM_158_A2_H03		ZM_158_A2_H03_MR
73687	ZM_158_A2_H04	ZM_158_A2_H04_T7C	
73688	ZM_158_A2_H04		ZM_158_A2_H04_MR
73689	ZM_158_A2_H05	ZM_158_A2_H05_T7C	
73690	ZM_158_A2_H05		ZM_158_A2_H05_MR
73691	ZM_158_A2_H06	ZM_158_A2_H06_T7C	
73692	ZM_158_A2_H06		ZM_158_A2_H06_MR
73693	ZM_158_A2_H07	ZM_158_A2_H07_T7C	
73694	ZM_158_A2_H07		ZM_158_A2_H07_MR
73695	ZM_158_A2_H08	ZM_158_A2_H08_T7C	
73696	ZM_158_A2_H08		ZM_158_A2_H08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73697	ZM_158_A2_H09		ZM_158_A2_H09_MR
73698	ZM_158_A2_H10	ZM_158_A2_H10_T7C	
73699	ZM_158_A2_H10		ZM_158_A2_H10_MR
73700	ZM_158_A2_H11	ZM_158_A2_H11_T7C	
73701	ZM_158_A2_H11		ZM_158_A2_H11_MR
73702	ZM_158_A2_H12	ZM_158_A2_H12_T7C	
73703	ZM_158_A2_H12		ZM_158_A2_H12_MR
73704	ZM_158_B1_A01	ZM_158_B1_A01_T7C	
73705	ZM_158_B1_A01		ZM_158_B1_A01_MR
73706	ZM_158_B1_A02	ZM_158_B1_A02_T7C	
73707	ZM_158_B1_A02		ZM_158_B1_A02_MR
73708	ZM_158_B1_A03	ZM_158_B1_A03_T7C	
73709	ZM_158_B1_A03		ZM_158_B1_A03_MR
73710	ZM_158_B1_A05	ZM_158_B1_A05_T7C	
73711	ZM_158_B1_A05		ZM_158_B1_A05_MR
73712	ZM_158_B1_A06	ZM_158_B1_A06_T7C	
73713	ZM_158_B1_A06		ZM_158_B1_A06_MR
73714	ZM_158_B1_A07	ZM_158_B1_A07_T7C	
73715	ZM_158_B1_A07		ZM_158_B1_A07_MR
73716	ZM_158_B1_A08	ZM_158_B1_A08_T7C	
73717	ZM_158_B1_A08		ZM_158_B1_A08_MR
73718	ZM_158_B1_A09	ZM_158_B1_A09_T7C	
73719	ZM_158_B1_A09		ZM_158_B1_A09_MR
73720	ZM_158_B1_A10	ZM_158_B1_A10_T7C	
73721	ZM_158_B1_A10		ZM_158_B1_A10_MR
73722	ZM_158_B1_A11	ZM_158_B1_A11_T7C	
73723	ZM_158_B1_A11		ZM_158_B1_A11_MR
73724	ZM_158_B1_A12	ZM_158_B1_A12_T7C	
73725	ZM_158_B1_A12		ZM_158_B1_A12_MR
73726	ZM_158_B1_B01	ZM_158_B1_B01_T7C	
73727	ZM_158_B1_B01		ZM_158_B1_B01_MR
73728	ZM_158_B1_B02	ZM_158_B1_B02_T7C	
73729	ZM_158_B1_B02		ZM_158_B1_B02_MR
73730	ZM_158_B1_B03	ZM_158_B1_B03_T7C	
73731	ZM_158_B1_B03		ZM_158_B1_B03_MR
73732	ZM_158_B1_B04	ZM_158_B1_B04_T7C	
73733	ZM_158_B1_B04		ZM_158_B1_B04_MR
73734	ZM_158_B1_B05		ZM_158_B1_B05_MR
73735	ZM_158_B1_B06	ZM_158_B1_B06_T7C	
73736	ZM_158_B1_B06		ZM_158_B1_B06_MR
73737	ZM_158_B1_B07	ZM_158_B1_B07_T7C	
73738	ZM_158_B1_B07		ZM_158_B1_B07_MR
73739	ZM_158_B1_B08	ZM_158_B1_B08_T7C	
73740	ZM_158_B1_B08		ZM_158_B1_B08_MR
73741	ZM_158_B1_B09		ZM_158_B1_B09_MR
73742	ZM_158_B1_B10		ZM_158_B1_B10_MR
73743	ZM_158_B1_B11	ZM_158_B1_B11_T7C	
73744	ZM_158_B1_B12	ZM_158_B1_B12_T7C	
73745	ZM_158_B1_B12		ZM_158_B1_B12_MR
73746	ZM_158_B1_C01	ZM_158_B1_C01_T7C	
73747	ZM_158_B1_C01		ZM_158_B1_C01_MR
73748	ZM_158_B1_C02	ZM_158_B1_C02_T7C	
73749	ZM_158_B1_C02		ZM_158_B1_C02_MR
73750	ZM_158_B1_C03	ZM_158_B1_C03_T7C	
73751	ZM_158_B1_C03		ZM_158_B1_C03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73752	ZM_158_B1_C04	ZM_158_B1_C04_T7C	
73753	ZM_158_B1_C04		ZM_158_B1_C04_MR
73754	ZM_158_B1_C05	ZM_158_B1_C05_T7C	
73755	ZM_158_B1_C05		ZM_158_B1_C05_MR
73756	ZM_158_B1_C06		ZM_158_B1_C06_MR
73757	ZM_158_B1_C07	ZM_158_B1_C07_T7C	
73758	ZM_158_B1_C07		ZM_158_B1_C07_MR
73759	ZM_158_B1_C08	ZM_158_B1_C08_T7C	
73760	ZM_158_B1_C08		ZM_158_B1_C08_MR
73761	ZM_158_B1_C09	ZM_158_B1_C09_T7C	
73762	ZM_158_B1_C09		ZM_158_B1_C09_MR
73763	ZM_158_B1_C10	ZM_158_B1_C10_T7C	
73764	ZM_158_B1_C10		ZM_158_B1_C10_MR
73765	ZM_158_B1_C11	ZM_158_B1_C11_T7C	
73766	ZM_158_B1_C11		ZM_158_B1_C11_MR
73767	ZM_158_B1_C12	ZM_158_B1_C12_T7C	
73768	ZM_158_B1_C12		ZM_158_B1_C12_MR
73769	ZM_158_B1_D01	ZM_158_B1_D01_T7C	
73770	ZM_158_B1_D01		ZM_158_B1_D01_MR
73771	ZM_158_B1_D02	ZM_158_B1_D02_T7C	
73772	ZM_158_B1_D02		ZM_158_B1_D02_MR
73773	ZM_158_B1_D03	ZM_158_B1_D03_T7C	
73774	ZM_158_B1_D03		ZM_158_B1_D03_MR
73775	ZM_158_B1_D05	ZM_158_B1_D05_T7C	
73776	ZM_158_B1_D05		ZM_158_B1_D05_MR
73777	ZM_158_B1_D06	ZM_158_B1_D06_T7C	
73778	ZM_158_B1_D06		ZM_158_B1_D06_MR
73779	ZM_158_B1_D07	ZM_158_B1_D07_T7C	
73780	ZM_158_B1_D07		ZM_158_B1_D07_MR
73781	ZM_158_B1_D08	ZM_158_B1_D08_T7C	
73782	ZM_158_B1_D08		ZM_158_B1_D08_MR
73783	ZM_158_B1_D09	ZM_158_B1_D09_T7C	
73784	ZM_158_B1_D09		ZM_158_B1_D09_MR
73785	ZM_158_B1_D10	ZM_158_B1_D10_T7C	
73786	ZM_158_B1_D10		ZM_158_B1_D10_MR
73787	ZM_158_B1_D11	ZM_158_B1_D11_T7C	
73788	ZM_158_B1_D11		ZM_158_B1_D11_MR
73789	ZM_158_B1_D12	ZM_158_B1_D12_T7C	
73790	ZM_158_B1_D12		ZM_158_B1_D12_MR
73791	ZM_158_B1_E01	ZM_158_B1_E01_T7C	
73792	ZM_158_B1_E01		ZM_158_B1_E01_MR
73793	ZM_158_B1_E02	ZM_158_B1_E02_T7C	
73794	ZM_158_B1_E02		ZM_158_B1_E02_MR
73795	ZM_158_B1_E03	ZM_158_B1_E03_T7C	
73796	ZM_158_B1_E03		ZM_158_B1_E03_MR
73797	ZM_158_B1_E04	ZM_158_B1_E04_T7C	
73798	ZM_158_B1_E04		ZM_158_B1_E04_MR
73799	ZM_158_B1_E05	ZM_158_B1_E05_T7C	
73800	ZM_158_B1_E05		ZM_158_B1_E05_MR
73801	ZM_158_B1_E06		ZM_158_B1_E06_MR
73802	ZM_158_B1_E07	ZM_158_B1_E07_T7C	
73803	ZM_158_B1_E07		ZM_158_B1_E07_MR
73804	ZM_158_B1_E08	ZM_158_B1_E08_T7C	
73805	ZM_158_B1_E08		ZM_158_B1_E08_MR
73806	ZM_158_B1_E09	ZM_158_B1_E09_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73807	ZM_158_B1_E09		ZM_158_B1_E09_MR
73808	ZM_158_B1_E10	ZM_158_B1_E10_T7C	
73809	ZM_158_B1_E10		ZM_158_B1_E10_MR
73810	ZM_158_B1_E11	ZM_158_B1_E11_T7C	
73811	ZM_158_B1_E11		ZM_158_B1_E11_MR
73812	ZM_158_B1_E12	ZM_158_B1_E12_T7C	
73813	ZM_158_B1_E12		ZM_158_B1_E12_MR
73814	ZM_158_B1_F01	ZM_158_B1_F01_T7C	
73815	ZM_158_B1_F01		ZM_158_B1_F01_MR
73816	ZM_158_B1_F02	ZM_158_B1_F02_T7C	
73817	ZM_158_B1_F02		ZM_158_B1_F02_MR
73818	ZM_158_B1_F03	ZM_158_B1_F03_T7C	
73819	ZM_158_B1_F03		ZM_158_B1_F03_MR
73820	ZM_158_B1_F04	ZM_158_B1_F04_T7C	
73821	ZM_158_B1_F04		ZM_158_B1_F04_MR
73822	ZM_158_B1_F05	ZM_158_B1_F05_T7C	
73823	ZM_158_B1_F05		ZM_158_B1_F05_MR
73824	ZM_158_B1_F06	ZM_158_B1_F06_T7C	
73825	ZM_158_B1_F06		ZM_158_B1_F06_MR
73826	ZM_158_B1_F07	ZM_158_B1_F07_T7C	
73827	ZM_158_B1_F07		ZM_158_B1_F07_MR
73828	ZM_158_B1_F08	ZM_158_B1_F08_T7C	
73829	ZM_158_B1_F08		ZM_158_B1_F08_MR
73830	ZM_158_B1_F09	ZM_158_B1_F09_T7C	
73831	ZM_158_B1_F09		ZM_158_B1_F09_MR
73832	ZM_158_B1_F10	ZM_158_B1_F10_T7C	
73833	ZM_158_B1_F10		ZM_158_B1_F10_MR
73834	ZM_158_B1_F11	ZM_158_B1_F11_T7C	
73835	ZM_158_B1_F11		ZM_158_B1_F11_MR
73836	ZM_158_B1_F12	ZM_158_B1_F12_T7C	
73837	ZM_158_B1_F12		ZM_158_B1_F12_MR
73838	ZM_158_B1_G01	ZM_158_B1_G01_T7C	
73839	ZM_158_B1_G01		ZM_158_B1_G01_MR
73840	ZM_158_B1_G02	ZM_158_B1_G02_T7C	
73841	ZM_158_B1_G02		ZM_158_B1_G02_MR
73842	ZM_158_B1_G03	ZM_158_B1_G03_T7C	
73843	ZM_158_B1_G03		ZM_158_B1_G03_MR
73844	ZM_158_B1_G04	ZM_158_B1_G04_T7C	
73845	ZM_158_B1_G04		ZM_158_B1_G04_MR
73846	ZM_158_B1_G05	ZM_158_B1_G05_T7C	
73847	ZM_158_B1_G05		ZM_158_B1_G05_MR
73848	ZM_158_B1_G06	ZM_158_B1_G06_T7C	
73849	ZM_158_B1_G06		ZM_158_B1_G06_MR
73850	ZM_158_B1_G07	ZM_158_B1_G07_T7C	
73851	ZM_158_B1_G07		ZM_158_B1_G07_MR
73852	ZM_158_B1_G08	ZM_158_B1_G08_T7C	
73853	ZM_158_B1_G08		ZM_158_B1_G08_MR
73854	ZM_158_B1_G09	ZM_158_B1_G09_T7C	
73855	ZM_158_B1_G09		ZM_158_B1_G09_MR
73856	ZM_158_B1_G10	ZM_158_B1_G10_T7C	
73857	ZM_158_B1_G10		ZM_158_B1_G10_MR
73858	ZM_158_B1_G11	ZM_158_B1_G11_T7C	
73859	ZM_158_B1_G11		ZM_158_B1_G11_MR
73860	ZM_158_B1_G12		ZM_158_B1_G12_MR
73861	ZM_158_B1_H01	ZM_158_B1_H01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73862	ZM_158_B1_H01		ZM_158_B1_H01_MR
73863	ZM_158_B1_H02		ZM_158_B1_H02_MR
73864	ZM_158_B1_H03	ZM_158_B1_H03_T7C	
73865	ZM_158_B1_H03		ZM_158_B1_H03_MR
73866	ZM_158_B1_H04	ZM_158_B1_H04_T7C	
73867	ZM_158_B1_H04		ZM_158_B1_H04_MR
73868	ZM_158_B1_H05	ZM_158_B1_H05_T7C	
73869	ZM_158_B1_H05		ZM_158_B1_H05_MR
73870	ZM_158_B1_H06	ZM_158_B1_H06_T7C	
73871	ZM_158_B1_H06		ZM_158_B1_H06_MR
73872	ZM_158_B1_H07	ZM_158_B1_H07_T7C	
73873	ZM_158_B1_H07		ZM_158_B1_H07_MR
73874	ZM_158_B1_H08	ZM_158_B1_H08_T7C	
73875	ZM_158_B1_H08		ZM_158_B1_H08_MR
73876	ZM_158_B1_H09	ZM_158_B1_H09_T7C	
73877	ZM_158_B1_H09		ZM_158_B1_H09_MR
73878	ZM_158_B1_H10	ZM_158_B1_H10_T7C	
73879	ZM_158_B1_H10		ZM_158_B1_H10_MR
73880	ZM_158_B1_H11	ZM_158_B1_H11_T7C	
73881	ZM_158_B1_H11		ZM_158_B1_H11_MR
73882	ZM_158_B1_H12	ZM_158_B1_H12_T7C	
73883	ZM_158_B1_H12		ZM_158_B1_H12_MR
73884	ZM_158_B2_A01	ZM_158_B2_A01_T7C	
73885	ZM_158_B2_A01		ZM_158_B2_A01_MR
73886	ZM_158_B2_A02	ZM_158_B2_A02_T7C	
73887	ZM_158_B2_A02		ZM_158_B2_A02_MR
73888	ZM_158_B2_A03	ZM_158_B2_A03_T7C	
73889	ZM_158_B2_A03		ZM_158_B2_A03_MR
73890	ZM_158_B2_A04	ZM_158_B2_A04_T7C	
73891	ZM_158_B2_A04		ZM_158_B2_A04_MR
73892	ZM_158_B2_A05	ZM_158_B2_A05_T7C	
73893	ZM_158_B2_A05		ZM_158_B2_A05_MR
73894	ZM_158_B2_A06	ZM_158_B2_A06_T7C	
73895	ZM_158_B2_A06		ZM_158_B2_A06_MR
73896	ZM_158_B2_A07	ZM_158_B2_A07_T7C	
73897	ZM_158_B2_A07		ZM_158_B2_A07_MR
73898	ZM_158_B2_A08	ZM_158_B2_A08_T7C	
73899	ZM_158_B2_A08		ZM_158_B2_A08_MR
73900	ZM_158_B2_A09	ZM_158_B2_A09_T7C	
73901	ZM_158_B2_A09		ZM_158_B2_A09_MR
73902	ZM_158_B2_A10	ZM_158_B2_A10_T7C	
73903	ZM_158_B2_A10		ZM_158_B2_A10_MR
73904	ZM_158_B2_A11	ZM_158_B2_A11_T7C	
73905	ZM_158_B2_A11		ZM_158_B2_A11_MR
73906	ZM_158_B2_A12	ZM_158_B2_A12_T7C	
73907	ZM_158_B2_A12		ZM_158_B2_A12_MR
73908	ZM_158_B2_B01	ZM_158_B2_B01_T7C	
73909	ZM_158_B2_B01		ZM_158_B2_B01_MR
73910	ZM_158_B2_B02	ZM_158_B2_B02_T7C	
73911	ZM_158_B2_B02		ZM_158_B2_B02_MR
73912	ZM_158_B2_B03	ZM_158_B2_B03_T7C	
73913	ZM_158_B2_B03		ZM_158_B2_B03_MR
73914	ZM_158_B2_B04	ZM_158_B2_B04_T7C	
73915	ZM_158_B2_B04		ZM_158_B2_B04_MR
73916	ZM_158_B2_B05	ZM_158_B2_B05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73917	ZM_158_B2_B05		ZM_158_B2_B05_MR
73918	ZM_158_B2_B06	ZM_158_B2_B06_T7C	
73919	ZM_158_B2_B06		ZM_158_B2_B06_MR
73920	ZM_158_B2_B07	ZM_158_B2_B07_T7C	
73921	ZM_158_B2_B07		ZM_158_B2_B07_MR
73922	ZM_158_B2_B08	ZM_158_B2_B08_T7C	
73923	ZM_158_B2_B08		ZM_158_B2_B08_MR
73924	ZM_158_B2_B09	ZM_158_B2_B09_T7C	
73925	ZM_158_B2_B09		ZM_158_B2_B09_MR
73926	ZM_158_B2_B10	ZM_158_B2_B10_T7C	
73927	ZM_158_B2_B10		ZM_158_B2_B10_MR
73928	ZM_158_B2_B11	ZM_158_B2_B11_T7C	
73929	ZM_158_B2_B11		ZM_158_B2_B11_MR
73930	ZM_158_B2_B12	ZM_158_B2_B12_T7C	
73931	ZM_158_B2_B12		ZM_158_B2_B12_MR
73932	ZM_158_B2_C01	ZM_158_B2_C01_T7C	
73933	ZM_158_B2_C01		ZM_158_B2_C01_MR
73934	ZM_158_B2_C02	ZM_158_B2_C02_T7C	
73935	ZM_158_B2_C02		ZM_158_B2_C02_MR
73936	ZM_158_B2_C03	ZM_158_B2_C03_T7C	
73937	ZM_158_B2_C03		ZM_158_B2_C03_MR
73938	ZM_158_B2_C04	ZM_158_B2_C04_T7C	
73939	ZM_158_B2_C04		ZM_158_B2_C04_MR
73940	ZM_158_B2_C05	ZM_158_B2_C05_T7C	
73941	ZM_158_B2_C05		ZM_158_B2_C05_MR
73942	ZM_158_B2_C06	ZM_158_B2_C06_T7C	
73943	ZM_158_B2_C06		ZM_158_B2_C06_MR
73944	ZM_158_B2_C07	ZM_158_B2_C07_T7C	
73945	ZM_158_B2_C07		ZM_158_B2_C07_MR
73946	ZM_158_B2_C08	ZM_158_B2_C08_T7C	
73947	ZM_158_B2_C08		ZM_158_B2_C08_MR
73948	ZM_158_B2_C09	ZM_158_B2_C09_T7C	
73949	ZM_158_B2_C09		ZM_158_B2_C09_MR
73950	ZM_158_B2_C10	ZM_158_B2_C10_T7C	
73951	ZM_158_B2_C10		ZM_158_B2_C10_MR
73952	ZM_158_B2_C11	ZM_158_B2_C11_T7C	
73953	ZM_158_B2_C11		ZM_158_B2_C11_MR
73954	ZM_158_B2_D01	ZM_158_B2_D01_T7C	
73955	ZM_158_B2_D01		ZM_158_B2_D01_MR
73956	ZM_158_B2_D02	ZM_158_B2_D02_T7C	
73957	ZM_158_B2_D02		ZM_158_B2_D02_MR
73958	ZM_158_B2_D03	ZM_158_B2_D03_T7C	
73959	ZM_158_B2_D03		ZM_158_B2_D03_MR
73960	ZM_158_B2_D04		ZM_158_B2_D04_MR
73961	ZM_158_B2_D05	ZM_158_B2_D05_T7C	
73962	ZM_158_B2_D05		ZM_158_B2_D05_MR
73963	ZM_158_B2_D06	ZM_158_B2_D06_T7C	
73964	ZM_158_B2_D06		ZM_158_B2_D06_MR
73965	ZM_158_B2_D07	ZM_158_B2_D07_T7C	
73966	ZM_158_B2_D07		ZM_158_B2_D07_MR
73967	ZM_158_B2_D08	ZM_158_B2_D08_T7C	
73968	ZM_158_B2_D08		ZM_158_B2_D08_MR
73969	ZM_158_B2_D09	ZM_158_B2_D09_T7C	
73970	ZM_158_B2_D09		ZM_158_B2_D09_MR
73971	ZM_158_B2_D10	ZM_158_B2_D10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
73972	ZM_158_B2_D10		ZM_158_B2_D10_MR
73973	ZM_158_B2_D11	ZM_158_B2_D11_T7C	
73974	ZM_158_B2_D11		ZM_158_B2_D11_MR
73975	ZM_158_B2_D12	ZM_158_B2_D12_T7C	
73976	ZM_158_B2_D12		ZM_158_B2_D12_MR
73977	ZM_158_B2_E01	ZM_158_B2_E01_T7C	
73978	ZM_158_B2_E01		ZM_158_B2_E01_MR
73979	ZM_158_B2_E02	ZM_158_B2_E02_T7C	
73980	ZM_158_B2_E02		ZM_158_B2_E02_MR
73981	ZM_158_B2_E03	ZM_158_B2_E03_T7C	
73982	ZM_158_B2_E03		ZM_158_B2_E03_MR
73983	ZM_158_B2_E04	ZM_158_B2_E04_T7C	
73984	ZM_158_B2_E04		ZM_158_B2_E04_MR
73985	ZM_158_B2_E05	ZM_158_B2_E05_T7C	
73986	ZM_158_B2_E05		ZM_158_B2_E05_MR
73987	ZM_158_B2_E06	ZM_158_B2_E06_T7C	
73988	ZM_158_B2_E06		ZM_158_B2_E06_MR
73989	ZM_158_B2_E07	ZM_158_B2_E07_T7C	
73990	ZM_158_B2_E07		ZM_158_B2_E07_MR
73991	ZM_158_B2_E08	ZM_158_B2_E08_T7C	
73992	ZM_158_B2_E08		ZM_158_B2_E08_MR
73993	ZM_158_B2_E09	ZM_158_B2_E09_T7C	
73994	ZM_158_B2_E09		ZM_158_B2_E09_MR
73995	ZM_158_B2_E10	ZM_158_B2_E10_T7C	
73996	ZM_158_B2_E10		ZM_158_B2_E10_MR
73997	ZM_158_B2_E11	ZM_158_B2_E11_T7C	
73998	ZM_158_B2_E11		ZM_158_B2_E11_MR
73999	ZM_158_B2_E12	ZM_158_B2_E12_T7C	
74000	ZM_158_B2_E12		ZM_158_B2_E12_MR
74001	ZM_158_B2_F01	ZM_158_B2_F01_T7C	
74002	ZM_158_B2_F01		ZM_158_B2_F01_MR
74003	ZM_158_B2_F02	ZM_158_B2_F02_T7C	
74004	ZM_158_B2_F02		ZM_158_B2_F02_MR
74005	ZM_158_B2_F03	ZM_158_B2_F03_T7C	
74006	ZM_158_B2_F03		ZM_158_B2_F03_MR
74007	ZM_158_B2_F04	ZM_158_B2_F04_T7C	
74008	ZM_158_B2_F04		ZM_158_B2_F04_MR
74009	ZM_158_B2_F05	ZM_158_B2_F05_T7C	
74010	ZM_158_B2_F05		ZM_158_B2_F05_MR
74011	ZM_158_B2_F06	ZM_158_B2_F06_T7C	
74012	ZM_158_B2_F06		ZM_158_B2_F06_MR
74013	ZM_158_B2_F07	ZM_158_B2_F07_T7C	
74014	ZM_158_B2_F07		ZM_158_B2_F07_MR
74015	ZM_158_B2_F08	ZM_158_B2_F08_T7C	
74016	ZM_158_B2_F08		ZM_158_B2_F08_MR
74017	ZM_158_B2_F09	ZM_158_B2_F09_T7C	
74018	ZM_158_B2_F09		ZM_158_B2_F09_MR
74019	ZM_158_B2_F10	ZM_158_B2_F10_T7C	
74020	ZM_158_B2_F10		ZM_158_B2_F10_MR
74021	ZM_158_B2_F11	ZM_158_B2_F11_T7C	
74022	ZM_158_B2_F11		ZM_158_B2_F11_MR
74023	ZM_158_B2_F12	ZM_158_B2_F12_T7C	
74024	ZM_158_B2_F12		ZM_158_B2_F12_MR
74025	ZM_158_B2_G01	ZM_158_B2_G01_T7C	
74026	ZM_158_B2_G01		ZM_158_B2_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74027	ZM_158_B2_G02	ZM_158_B2_G02_T7C	ZM_158_B2_G02_MR
74028	ZM_158_B2_G02		
74029	ZM_158_B2_G03	ZM_158_B2_G03_T7C	ZM_158_B2_G03_MR
74030	ZM_158_B2_G03		
74031	ZM_158_B2_G04	ZM_158_B2_G04_T7C	ZM_158_B2_G05_MR
74032	ZM_158_B2_G05		
74033	ZM_158_B2_G06	ZM_158_B2_G06_T7C	ZM_158_B2_G06_MR
74034	ZM_158_B2_G06		
74035	ZM_158_B2_G07	ZM_158_B2_G07_T7C	ZM_158_B2_G07_MR
74036	ZM_158_B2_G07		
74037	ZM_158_B2_G08	ZM_158_B2_G08_T7C	ZM_158_B2_G08_MR
74038	ZM_158_B2_G08		
74039	ZM_158_B2_G09	ZM_158_B2_G09_T7C	ZM_158_B2_G09_MR
74040	ZM_158_B2_G09		
74041	ZM_158_B2_G10	ZM_158_B2_G10_T7C	ZM_158_B2_G10_MR
74042	ZM_158_B2_G10		
74043	ZM_158_B2_G11	ZM_158_B2_G11_T7C	ZM_158_B2_G11_MR
74044	ZM_158_B2_G11		
74045	ZM_158_B2_G12	ZM_158_B2_G12_T7C	ZM_158_B2_G12_MR
74046	ZM_158_B2_G12		
74047	ZM_158_B2_H01	ZM_158_B2_H01_T7C	ZM_158_B2_H01_MR
74048	ZM_158_B2_H01		
74049	ZM_158_B2_H02	ZM_158_B2_H02_T7C	ZM_158_B2_H02_MR
74050	ZM_158_B2_H02		
74051	ZM_158_B2_H03	ZM_158_B2_H03_T7C	ZM_158_B2_H03_MR
74052	ZM_158_B2_H03		
74053	ZM_158_B2_H04	ZM_158_B2_H04_T7C	ZM_158_B2_H04_MR
74054	ZM_158_B2_H04		
74055	ZM_158_B2_H05	ZM_158_B2_H05_T7C	ZM_158_B2_H05_MR
74056	ZM_158_B2_H05		
74057	ZM_158_B2_H06	ZM_158_B2_H06_T7C	ZM_158_B2_H06_MR
74058	ZM_158_B2_H06		
74059	ZM_158_B2_H07	ZM_158_B2_H07_T7C	ZM_158_B2_H07_MR
74060	ZM_158_B2_H07		
74061	ZM_158_B2_H08	ZM_158_B2_H08_T7C	ZM_158_B2_H08_MR
74062	ZM_158_B2_H08		
74063	ZM_158_B2_H09	ZM_158_B2_H09_T7C	ZM_158_B2_H09_MR
74064	ZM_158_B2_H09		
74065	ZM_158_B2_H10	ZM_158_B2_H10_T7C	ZM_158_B2_H10_MR
74066	ZM_158_B2_H10		
74067	ZM_158_B2_H11	ZM_158_B2_H11_T7C	ZM_158_B2_H11_MR
74068	ZM_158_B2_H11		
74069	ZM_158_B2_H12	ZM_158_B2_H12_T7C	ZM_158_B2_H12_MR
74070	ZM_158_B2_H12		
74071	ZM_159_A1_A01		ZM_159_A1_A01_MR
74072	ZM_159_A1_A02		ZM_159_A1_A02_MR
74073	ZM_159_A1_A03		ZM_159_A1_A03_MR
74074	ZM_159_A1_A04		ZM_159_A1_A04_MR
74075	ZM_159_A1_A05		ZM_159_A1_A05_MR
74076	ZM_159_A1_A06		ZM_159_A1_A06_MR
74077	ZM_159_A1_A07		ZM_159_A1_A07_MR
74078	ZM_159_A1_A08		ZM_159_A1_A08_MR
74079	ZM_159_A1_A09		ZM_159_A1_A09_MR
74080	ZM_159_A1_A10		ZM_159_A1_A10_MR
74081	ZM_159_A1_A12		ZM_159_A1_A12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74082	ZM_159_A1_B01		ZM_159_A1_B01_MR
74083	ZM_159_A1_B02		ZM_159_A1_B02_MR
74084	ZM_159_A1_B03		ZM_159_A1_B03_MR
74085	ZM_159_A1_B04		ZM_159_A1_B04_MR
74086	ZM_159_A1_B05		ZM_159_A1_B05_MR
74087	ZM_159_A1_B06		ZM_159_A1_B06_MR
74088	ZM_159_A1_B07		ZM_159_A1_B07_MR
74089	ZM_159_A1_B08		ZM_159_A1_B08_MR
74090	ZM_159_A1_B10		ZM_159_A1_B10_MR
74091	ZM_159_A1_B11		ZM_159_A1_B11_MR
74092	ZM_159_A1_B12		ZM_159_A1_B12_MR
74093	ZM_159_A1_C01		ZM_159_A1_C01_MR
74094	ZM_159_A1_C02		ZM_159_A1_C02_MR
74095	ZM_159_A1_C03		ZM_159_A1_C03_MR
74096	ZM_159_A1_C04		ZM_159_A1_C04_MR
74097	ZM_159_A1_C05		ZM_159_A1_C05_MR
74098	ZM_159_A1_C07		ZM_159_A1_C07_MR
74099	ZM_159_A1_C08		ZM_159_A1_C08_MR
74100	ZM_159_A1_C09		ZM_159_A1_C09_MR
74101	ZM_159_A1_C10		ZM_159_A1_C10_MR
74102	ZM_159_A1_C11		ZM_159_A1_C11_MR
74103	ZM_159_A1_C12		ZM_159_A1_C12_MR
74104	ZM_159_A1_D01		ZM_159_A1_D01_MR
74105	ZM_159_A1_D02		ZM_159_A1_D02_MR
74106	ZM_159_A1_D03		ZM_159_A1_D03_MR
74107	ZM_159_A1_D04		ZM_159_A1_D04_MR
74108	ZM_159_A1_D05		ZM_159_A1_D05_MR
74109	ZM_159_A1_D06		ZM_159_A1_D06_MR
74110	ZM_159_A1_D07		ZM_159_A1_D07_MR
74111	ZM_159_A1_D08		ZM_159_A1_D08_MR
74112	ZM_159_A1_D09		ZM_159_A1_D09_MR
74113	ZM_159_A1_D10		ZM_159_A1_D10_MR
74114	ZM_159_A1_D11		ZM_159_A1_D11_MR
74115	ZM_159_A1_D12		ZM_159_A1_D12_MR
74116	ZM_159_A1_E02		ZM_159_A1_E02_MR
74117	ZM_159_A1_E03		ZM_159_A1_E03_MR
74118	ZM_159_A1_E04		ZM_159_A1_E04_MR
74119	ZM_159_A1_E05		ZM_159_A1_E05_MR
74120	ZM_159_A1_E06		ZM_159_A1_E06_MR
74121	ZM_159_A1_E07		ZM_159_A1_E07_MR
74122	ZM_159_A1_E08		ZM_159_A1_E08_MR
74123	ZM_159_A1_E09		ZM_159_A1_E09_MR
74124	ZM_159_A1_E10		ZM_159_A1_E10_MR
74125	ZM_159_A1_E11		ZM_159_A1_E11_MR
74126	ZM_159_A1_E12		ZM_159_A1_E12_MR
74127	ZM_159_A1_F01		ZM_159_A1_F01_MR
74128	ZM_159_A1_F02		ZM_159_A1_F02_MR
74129	ZM_159_A1_F03		ZM_159_A1_F03_MR
74130	ZM_159_A1_F04		ZM_159_A1_F04_MR
74131	ZM_159_A1_F05		ZM_159_A1_F05_MR
74132	ZM_159_A1_F06		ZM_159_A1_F06_MR
74133	ZM_159_A1_F07		ZM_159_A1_F07_MR
74134	ZM_159_A1_F08		ZM_159_A1_F08_MR
74135	ZM_159_A1_F09		ZM_159_A1_F09_MR
74136	ZM_159_A1_F10		ZM_159_A1_F10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74137	ZM_159_A1_F12		ZM_159_A1_F12_MR
74138	ZM_159_A1_G01		ZM_159_A1_G01_MR
74139	ZM_159_A1_G02		ZM_159_A1_G02_MR
74140	ZM_159_A1_G03		ZM_159_A1_G03_MR
74141	ZM_159_A1_G04		ZM_159_A1_G04_MR
74142	ZM_159_A1_G05		ZM_159_A1_G05_MR
74143	ZM_159_A1_G06		ZM_159_A1_G06_MR
74144	ZM_159_A1_G07		ZM_159_A1_G07_MR
74145	ZM_159_A1_G08		ZM_159_A1_G08_MR
74146	ZM_159_A1_G10		ZM_159_A1_G10_MR
74147	ZM_159_A1_G11		ZM_159_A1_G11_MR
74148	ZM_159_A1_G12		ZM_159_A1_G12_MR
74149	ZM_159_A1_H01		ZM_159_A1_H01_MR
74150	ZM_159_A1_H02		ZM_159_A1_H02_MR
74151	ZM_159_A1_H03		ZM_159_A1_H03_MR
74152	ZM_159_A1_H04		ZM_159_A1_H04_MR
74153	ZM_159_A1_H05		ZM_159_A1_H05_MR
74154	ZM_159_A1_H06		ZM_159_A1_H06_MR
74155	ZM_159_A1_H07		ZM_159_A1_H07_MR
74156	ZM_159_A1_H08		ZM_159_A1_H08_MR
74157	ZM_159_A1_H09		ZM_159_A1_H09_MR
74158	ZM_159_A1_H10		ZM_159_A1_H10_MR
74159	ZM_159_A1_H11		ZM_159_A1_H11_MR
74160	ZM_159_A1_H12		ZM_159_A1_H12_MR
74161	ZM_159_A2_A01	ZM_159_A2_A01_T7C	
74162	ZM_159_A2_A02	ZM_159_A2_A02_T7C	
74163	ZM_159_A2_A03	ZM_159_A2_A03_T7C	
74164	ZM_159_A2_A04	ZM_159_A2_A04_T7C	
74165	ZM_159_A2_A05	ZM_159_A2_A05_T7C	
74166	ZM_159_A2_A06	ZM_159_A2_A06_T7C	
74167	ZM_159_A2_A07	ZM_159_A2_A07_T7C	
74168	ZM_159_A2_A08	ZM_159_A2_A08_T7C	
74169	ZM_159_A2_A10	ZM_159_A2_A10_T7C	
74170	ZM_159_A2_A11	ZM_159_A2_A11_T7C	
74171	ZM_159_A2_A12	ZM_159_A2_A12_T7C	
74172	ZM_159_A2_B01	ZM_159_A2_B01_T7C	
74173	ZM_159_A2_B02	ZM_159_A2_B02_T7C	
74174	ZM_159_A2_B03	ZM_159_A2_B03_T7C	
74175	ZM_159_A2_B04	ZM_159_A2_B04_T7C	
74176	ZM_159_A2_B05	ZM_159_A2_B05_T7C	
74177	ZM_159_A2_B07	ZM_159_A2_B07_T7C	
74178	ZM_159_A2_B08	ZM_159_A2_B08_T7C	
74179	ZM_159_A2_B09	ZM_159_A2_B09_T7C	
74180	ZM_159_A2_B10	ZM_159_A2_B10_T7C	
74181	ZM_159_A2_B11	ZM_159_A2_B11_T7C	
74182	ZM_159_A2_B12	ZM_159_A2_B12_T7C	
74183	ZM_159_A2_C01	ZM_159_A2_C01_T7C	
74184	ZM_159_A2_C02	ZM_159_A2_C02_T7C	
74185	ZM_159_A2_C03	ZM_159_A2_C03_T7C	
74186	ZM_159_A2_C04	ZM_159_A2_C04_T7C	
74187	ZM_159_A2_C05	ZM_159_A2_C05_T7C	
74188	ZM_159_A2_C07	ZM_159_A2_C07_T7C	
74189	ZM_159_A2_C08	ZM_159_A2_C08_T7C	
74190	ZM_159_A2_C09	ZM_159_A2_C09_T7C	
74191	ZM_159_A2_C11	ZM_159_A2_C11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74192	ZM_159_A2_C12	ZM_159_A2_C12_T7C	
74193	ZM_159_A2_D01	ZM_159_A2_D01_T7C	
74194	ZM_159_A2_D03	ZM_159_A2_D03_T7C	
74195	ZM_159_A2_D04	ZM_159_A2_D04_T7C	
74196	ZM_159_A2_D06	ZM_159_A2_D06_T7C	
74197	ZM_159_A2_D07	ZM_159_A2_D07_T7C	
74198	ZM_159_A2_D08	ZM_159_A2_D08_T7C	
74199	ZM_159_A2_D09	ZM_159_A2_D09_T7C	
74200	ZM_159_A2_D10	ZM_159_A2_D10_T7C	
74201	ZM_159_A2_D11	ZM_159_A2_D11_T7C	
74202	ZM_159_A2_D12	ZM_159_A2_D12_T7C	
74203	ZM_159_A2_E01	ZM_159_A2_E01_T7C	
74204	ZM_159_A2_E02	ZM_159_A2_E02_T7C	
74205	ZM_159_A2_E03	ZM_159_A2_E03_T7C	
74206	ZM_159_A2_E04	ZM_159_A2_E04_T7C	
74207	ZM_159_A2_E05	ZM_159_A2_E05_T7C	
74208	ZM_159_A2_E06	ZM_159_A2_E06_T7C	
74209	ZM_159_A2_E07	ZM_159_A2_E07_T7C	
74210	ZM_159_A2_E08	ZM_159_A2_E08_T7C	
74211	ZM_159_A2_E10	ZM_159_A2_E10_T7C	
74212	ZM_159_A2_E12	ZM_159_A2_E12_T7C	
74213	ZM_159_A2_F01	ZM_159_A2_F01_T7C	
74214	ZM_159_A2_F02	ZM_159_A2_F02_T7C	
74215	ZM_159_A2_F04	ZM_159_A2_F04_T7C	
74216	ZM_159_A2_F05	ZM_159_A2_F05_T7C	
74217	ZM_159_A2_F06	ZM_159_A2_F06_T7C	
74218	ZM_159_A2_F07	ZM_159_A2_F07_T7C	
74219	ZM_159_A2_F08	ZM_159_A2_F08_T7C	
74220	ZM_159_A2_F10	ZM_159_A2_F10_T7C	
74221	ZM_159_A2_F11	ZM_159_A2_F11_T7C	
74222	ZM_159_A2_F12	ZM_159_A2_F12_T7C	
74223	ZM_159_A2_G01	ZM_159_A2_G01_T7C	
74224	ZM_159_A2_G02	ZM_159_A2_G02_T7C	
74225	ZM_159_A2_G03	ZM_159_A2_G03_T7C	
74226	ZM_159_A2_G04	ZM_159_A2_G04_T7C	
74227	ZM_159_A2_G05	ZM_159_A2_G05_T7C	
74228	ZM_159_A2_G06	ZM_159_A2_G06_T7C	
74229	ZM_159_A2_G07	ZM_159_A2_G07_T7C	
74230	ZM_159_A2_G08	ZM_159_A2_G08_T7C	
74231	ZM_159_A2_G09	ZM_159_A2_G09_T7C	
74232	ZM_159_A2_G10	ZM_159_A2_G10_T7C	
74233	ZM_159_A2_G11	ZM_159_A2_G11_T7C	
74234	ZM_159_A2_G12	ZM_159_A2_G12_T7C	
74235	ZM_159_A2_H01	ZM_159_A2_H01_T7C	
74236	ZM_159_A2_H02	ZM_159_A2_H02_T7C	
74237	ZM_159_A2_H04	ZM_159_A2_H04_T7C	
74238	ZM_159_A2_H05	ZM_159_A2_H05_T7C	
74239	ZM_159_A2_H06	ZM_159_A2_H06_T7C	
74240	ZM_159_A2_H07	ZM_159_A2_H07_T7C	
74241	ZM_159_A2_H08	ZM_159_A2_H08_T7C	
74242	ZM_159_A2_H09	ZM_159_A2_H09_T7C	
74243	ZM_159_A2_H10	ZM_159_A2_H10_T7C	
74244	ZM_159_A2_H11	ZM_159_A2_H11_T7C	
74245	ZM_159_B1_A01	ZM_159_B1_A01_T7C	
74246	ZM_159_B1_A01		ZM_159_B1_A01_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74247	ZM_159_B1_A02	ZM_159_B1_A02_T7C	
74248	ZM_159_B1_A02		ZM_159_B1_A02_MR
74249	ZM_159_B1_A03	ZM_159_B1_A03_T7C	
74250	ZM_159_B1_A03		ZM_159_B1_A03_MR
74251	ZM_159_B1_A04	ZM_159_B1_A04_T7C	
74252	ZM_159_B1_A04		ZM_159_B1_A04_MR
74253	ZM_159_B1_A05	ZM_159_B1_A05_T7C	
74254	ZM_159_B1_A05		ZM_159_B1_A05_MR
74255	ZM_159_B1_A06	ZM_159_B1_A06_T7C	
74256	ZM_159_B1_A06		ZM_159_B1_A06_MR
74257	ZM_159_B1_A07	ZM_159_B1_A07_T7C	
74258	ZM_159_B1_A07		ZM_159_B1_A07_MR
74259	ZM_159_B1_A08	ZM_159_B1_A08_T7C	
74260	ZM_159_B1_A08		ZM_159_B1_A08_MR
74261	ZM_159_B1_A09	ZM_159_B1_A09_T7C	
74262	ZM_159_B1_A09		ZM_159_B1_A09_MR
74263	ZM_159_B1_A10	ZM_159_B1_A10_T7C	
74264	ZM_159_B1_A10		ZM_159_B1_A10_MR
74265	ZM_159_B1_A11	ZM_159_B1_A11_T7C	
74266	ZM_159_B1_A11		ZM_159_B1_A11_MR
74267	ZM_159_B1_A12	ZM_159_B1_A12_T7C	
74268	ZM_159_B1_A12		ZM_159_B1_A12_MR
74269	ZM_159_B1_B01	ZM_159_B1_B01_T7C	
74270	ZM_159_B1_B01		ZM_159_B1_B01_MR
74271	ZM_159_B1_B02	ZM_159_B1_B02_T7C	
74272	ZM_159_B1_B02		ZM_159_B1_B02_MR
74273	ZM_159_B1_B03	ZM_159_B1_B03_T7C	
74274	ZM_159_B1_B03		ZM_159_B1_B03_MR
74275	ZM_159_B1_B05	ZM_159_B1_B05_T7C	
74276	ZM_159_B1_B05		ZM_159_B1_B05_MR
74277	ZM_159_B1_B06	ZM_159_B1_B06_T7C	
74278	ZM_159_B1_B06		ZM_159_B1_B06_MR
74279	ZM_159_B1_B07	ZM_159_B1_B07_T7C	
74280	ZM_159_B1_B07		ZM_159_B1_B07_MR
74281	ZM_159_B1_B08	ZM_159_B1_B08_T7C	
74282	ZM_159_B1_B08		ZM_159_B1_B08_MR
74283	ZM_159_B1_B09	ZM_159_B1_B09_T7C	
74284	ZM_159_B1_B09		ZM_159_B1_B09_MR
74285	ZM_159_B1_B10	ZM_159_B1_B10_T7C	
74286	ZM_159_B1_B10		ZM_159_B1_B10_MR
74287	ZM_159_B1_B11	ZM_159_B1_B11_T7C	
74288	ZM_159_B1_B11		ZM_159_B1_B11_MR
74289	ZM_159_B1_B12	ZM_159_B1_B12_T7C	
74290	ZM_159_B1_B12		ZM_159_B1_B12_MR
74291	ZM_159_B1_C01	ZM_159_B1_C01_T7C	
74292	ZM_159_B1_C01		ZM_159_B1_C01_MR
74293	ZM_159_B1_C02	ZM_159_B1_C02_T7C	
74294	ZM_159_B1_C02		ZM_159_B1_C02_MR
74295	ZM_159_B1_C03		ZM_159_B1_C03_MR
74296	ZM_159_B1_C04	ZM_159_B1_C04_T7C	
74297	ZM_159_B1_C04		ZM_159_B1_C04_MR
74298	ZM_159_B1_C05	ZM_159_B1_C05_T7C	
74299	ZM_159_B1_C05		ZM_159_B1_C05_MR
74300	ZM_159_B1_C06	ZM_159_B1_C06_T7C	
74301	ZM_159_B1_C06		ZM_159_B1_C06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74302	ZM_159_B1_C07	ZM_159_B1_C07_T7C	
74303	ZM_159_B1_C07		ZM_159_B1_C07_MR
74304	ZM_159_B1_C08		ZM_159_B1_C08_MR
74305	ZM_159_B1_C09	ZM_159_B1_C09_T7C	
74306	ZM_159_B1_C09		ZM_159_B1_C09_MR
74307	ZM_159_B1_C10	ZM_159_B1_C10_T7C	
74308	ZM_159_B1_C10		ZM_159_B1_C10_MR
74309	ZM_159_B1_C11	ZM_159_B1_C11_T7C	
74310	ZM_159_B1_C11		ZM_159_B1_C11_MR
74311	ZM_159_B1_C12	ZM_159_B1_C12_T7C	
74312	ZM_159_B1_C12		ZM_159_B1_C12_MR
74313	ZM_159_B1_D01	ZM_159_B1_D01_T7C	
74314	ZM_159_B1_D01		ZM_159_B1_D01_MR
74315	ZM_159_B1_D02	ZM_159_B1_D02_T7C	
74316	ZM_159_B1_D02		ZM_159_B1_D02_MR
74317	ZM_159_B1_D03	ZM_159_B1_D03_T7C	
74318	ZM_159_B1_D03		ZM_159_B1_D03_MR
74319	ZM_159_B1_D04	ZM_159_B1_D04_T7C	
74320	ZM_159_B1_D04		ZM_159_B1_D04_MR
74321	ZM_159_B1_D05	ZM_159_B1_D05_T7C	
74322	ZM_159_B1_D05		ZM_159_B1_D05_MR
74323	ZM_159_B1_D06	ZM_159_B1_D06_T7C	
74324	ZM_159_B1_D06		ZM_159_B1_D06_MR
74325	ZM_159_B1_D07	ZM_159_B1_D07_T7C	
74326	ZM_159_B1_D07		ZM_159_B1_D07_MR
74327	ZM_159_B1_D08	ZM_159_B1_D08_T7C	
74328	ZM_159_B1_D08		ZM_159_B1_D08_MR
74329	ZM_159_B1_D09	ZM_159_B1_D09_T7C	
74330	ZM_159_B1_D09		ZM_159_B1_D09_MR
74331	ZM_159_B1_D10	ZM_159_B1_D10_T7C	
74332	ZM_159_B1_D10		ZM_159_B1_D10_MR
74333	ZM_159_B1_D11	ZM_159_B1_D11_T7C	
74334	ZM_159_B1_D11		ZM_159_B1_D11_MR
74335	ZM_159_B1_D12	ZM_159_B1_D12_T7C	
74336	ZM_159_B1_D12		ZM_159_B1_D12_MR
74337	ZM_159_B1_E01	ZM_159_B1_E01_T7C	
74338	ZM_159_B1_E01		ZM_159_B1_E01_MR
74339	ZM_159_B1_E02	ZM_159_B1_E02_T7C	
74340	ZM_159_B1_E03	ZM_159_B1_E03_T7C	
74341	ZM_159_B1_E03		ZM_159_B1_E03_MR
74342	ZM_159_B1_E04	ZM_159_B1_E04_T7C	
74343	ZM_159_B1_E04		ZM_159_B1_E04_MR
74344	ZM_159_B1_E05	ZM_159_B1_E05_T7C	
74345	ZM_159_B1_E05		ZM_159_B1_E05_MR
74346	ZM_159_B1_E06	ZM_159_B1_E06_T7C	
74347	ZM_159_B1_E06		ZM_159_B1_E06_MR
74348	ZM_159_B1_E07	ZM_159_B1_E07_T7C	
74349	ZM_159_B1_E07		ZM_159_B1_E07_MR
74350	ZM_159_B1_E08	ZM_159_B1_E08_T7C	
74351	ZM_159_B1_E08		ZM_159_B1_E08_MR
74352	ZM_159_B1_E09	ZM_159_B1_E09_T7C	
74353	ZM_159_B1_E09		ZM_159_B1_E09_MR
74354	ZM_159_B1_E10	ZM_159_B1_E10_T7C	
74355	ZM_159_B1_E10		ZM_159_B1_E10_MR
74356	ZM_159_B1_E12	ZM_159_B1_E12_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74357	ZM_159_B1_E12		ZM_159_B1_E12_MR
74358	ZM_159_B1_F01	ZM_159_B1_F01_T7C	
74359	ZM_159_B1_F01		ZM_159_B1_F01_MR
74360	ZM_159_B1_F02	ZM_159_B1_F02_T7C	
74361	ZM_159_B1_F02		ZM_159_B1_F02_MR
74362	ZM_159_B1_F03	ZM_159_B1_F03_T7C	
74363	ZM_159_B1_F03		ZM_159_B1_F03_MR
74364	ZM_159_B1_F04	ZM_159_B1_F04_T7C	
74365	ZM_159_B1_F04		ZM_159_B1_F04_MR
74366	ZM_159_B1_F05	ZM_159_B1_F05_T7C	
74367	ZM_159_B1_F05		ZM_159_B1_F05_MR
74368	ZM_159_B1_F06	ZM_159_B1_F06_T7C	
74369	ZM_159_B1_F06		ZM_159_B1_F06_MR
74370	ZM_159_B1_F07	ZM_159_B1_F07_T7C	
74371	ZM_159_B1_F07		ZM_159_B1_F07_MR
74372	ZM_159_B1_F08	ZM_159_B1_F08_T7C	
74373	ZM_159_B1_F08		ZM_159_B1_F08_MR
74374	ZM_159_B1_F09	ZM_159_B1_F09_T7C	
74375	ZM_159_B1_F09		ZM_159_B1_F09_MR
74376	ZM_159_B1_F10	ZM_159_B1_F10_T7C	
74377	ZM_159_B1_F10		ZM_159_B1_F10_MR
74378	ZM_159_B1_F12	ZM_159_B1_F12_T7C	
74379	ZM_159_B1_F12		ZM_159_B1_F12_MR
74380	ZM_159_B1_G01	ZM_159_B1_G01_T7C	
74381	ZM_159_B1_G01		ZM_159_B1_G01_MR
74382	ZM_159_B1_G02	ZM_159_B1_G02_T7C	
74383	ZM_159_B1_G02		ZM_159_B1_G02_MR
74384	ZM_159_B1_G03	ZM_159_B1_G03_T7C	
74385	ZM_159_B1_G03		ZM_159_B1_G03_MR
74386	ZM_159_B1_G04	ZM_159_B1_G04_T7C	
74387	ZM_159_B1_G04		ZM_159_B1_G04_MR
74388	ZM_159_B1_G05	ZM_159_B1_G05_T7C	
74389	ZM_159_B1_G05		ZM_159_B1_G05_MR
74390	ZM_159_B1_G06	ZM_159_B1_G06_T7C	
74391	ZM_159_B1_G06		ZM_159_B1_G06_MR
74392	ZM_159_B1_G07	ZM_159_B1_G07_T7C	
74393	ZM_159_B1_G07		ZM_159_B1_G07_MR
74394	ZM_159_B1_G08	ZM_159_B1_G08_T7C	
74395	ZM_159_B1_G08		ZM_159_B1_G08_MR
74396	ZM_159_B1_G10	ZM_159_B1_G10_T7C	
74397	ZM_159_B1_G10		ZM_159_B1_G10_MR
74398	ZM_159_B1_G11	ZM_159_B1_G11_T7C	
74399	ZM_159_B1_G11		ZM_159_B1_G11_MR
74400	ZM_159_B1_G12	ZM_159_B1_G12_T7C	
74401	ZM_159_B1_G12		ZM_159_B1_G12_MR
74402	ZM_159_B1_H01	ZM_159_B1_H01_T7C	
74403	ZM_159_B1_H01		ZM_159_B1_H01_MR
74404	ZM_159_B1_H02	ZM_159_B1_H02_T7C	
74405	ZM_159_B1_H02		ZM_159_B1_H02_MR
74406	ZM_159_B1_H03	ZM_159_B1_H03_T7C	
74407	ZM_159_B1_H03		ZM_159_B1_H03_MR
74408	ZM_159_B1_H04	ZM_159_B1_H04_T7C	
74409	ZM_159_B1_H04		ZM_159_B1_H04_MR
74410	ZM_159_B1_H05	ZM_159_B1_H05_T7C	
74411	ZM_159_B1_H05		ZM_159_B1_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74412	ZM_159_B1_H06	ZM_159_B1_H06_T7C	
74413	ZM_159_B1_H06		ZM_159_B1_H06_MR
74414	ZM_159_B1_H07	ZM_159_B1_H07_T7C	
74415	ZM_159_B1_H07		ZM_159_B1_H07_MR
74416	ZM_159_B1_H08	ZM_159_B1_H08_T7C	
74417	ZM_159_B1_H08		ZM_159_B1_H08_MR
74418	ZM_159_B1_H09	ZM_159_B1_H09_T7C	
74419	ZM_159_B1_H09		ZM_159_B1_H09_MR
74420	ZM_159_B1_H10	ZM_159_B1_H10_T7C	
74421	ZM_159_B1_H10		ZM_159_B1_H10_MR
74422	ZM_159_B1_H11	ZM_159_B1_H11_T7C	
74423	ZM_159_B1_H11		ZM_159_B1_H11_MR
74424	ZM_159_B1_H12	ZM_159_B1_H12_T7C	
74425	ZM_159_B1_H12		ZM_159_B1_H12_MR
74426	ZM_159_B2_A01		ZM_159_B2_A01_MR
74427	ZM_159_B2_A02		ZM_159_B2_A02_MR
74428	ZM_159_B2_A03		ZM_159_B2_A03_MR
74429	ZM_159_B2_A04		ZM_159_B2_A04_MR
74430	ZM_159_B2_A05		ZM_159_B2_A05_MR
74431	ZM_159_B2_A06		ZM_159_B2_A06_MR
74432	ZM_159_B2_A07		ZM_159_B2_A07_MR
74433	ZM_159_B2_A08		ZM_159_B2_A08_MR
74434	ZM_159_B2_A09		ZM_159_B2_A09_MR
74435	ZM_159_B2_A10		ZM_159_B2_A10_MR
74436	ZM_159_B2_A11		ZM_159_B2_A11_MR
74437	ZM_159_B2_A12		ZM_159_B2_A12_MR
74438	ZM_159_B2_B01		ZM_159_B2_B01_MR
74439	ZM_159_B2_B02		ZM_159_B2_B02_MR
74440	ZM_159_B2_B03		ZM_159_B2_B03_MR
74441	ZM_159_B2_B05		ZM_159_B2_B05_MR
74442	ZM_159_B2_B06		ZM_159_B2_B06_MR
74443	ZM_159_B2_B07		ZM_159_B2_B07_MR
74444	ZM_159_B2_B08		ZM_159_B2_B08_MR
74445	ZM_159_B2_B09		ZM_159_B2_B09_MR
74446	ZM_159_B2_B10		ZM_159_B2_B10_MR
74447	ZM_159_B2_B11		ZM_159_B2_B11_MR
74448	ZM_159_B2_B12		ZM_159_B2_B12_MR
74449	ZM_159_B2_C01		ZM_159_B2_C01_MR
74450	ZM_159_B2_C02		ZM_159_B2_C02_MR
74451	ZM_159_B2_C03		ZM_159_B2_C03_MR
74452	ZM_159_B2_C04		ZM_159_B2_C04_MR
74453	ZM_159_B2_C05		ZM_159_B2_C05_MR
74454	ZM_159_B2_C06		ZM_159_B2_C06_MR
74455	ZM_159_B2_C07		ZM_159_B2_C07_MR
74456	ZM_159_B2_C08		ZM_159_B2_C08_MR
74457	ZM_159_B2_C09		ZM_159_B2_C09_MR
74458	ZM_159_B2_C10		ZM_159_B2_C10_MR
74459	ZM_159_B2_C11		ZM_159_B2_C11_MR
74460	ZM_159_B2_C12		ZM_159_B2_C12_MR
74461	ZM_159_B2_D01		ZM_159_B2_D01_MR
74462	ZM_159_B2_D02		ZM_159_B2_D02_MR
74463	ZM_159_B2_D03		ZM_159_B2_D03_MR
74464	ZM_159_B2_D04		ZM_159_B2_D04_MR
74465	ZM_159_B2_D05		ZM_159_B2_D05_MR
74466	ZM_159_B2_D06		ZM_159_B2_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74467	ZM_159_B2_D07		ZM_159_B2_D07_MR
74468	ZM_159_B2_D08		ZM_159_B2_D08_MR
74469	ZM_159_B2_D09		ZM_159_B2_D09_MR
74470	ZM_159_B2_D10		ZM_159_B2_D10_MR
74471	ZM_159_B2_D12		ZM_159_B2_D12_MR
74472	ZM_159_B2_E02		ZM_159_B2_E02_MR
74473	ZM_159_B2_E03		ZM_159_B2_E03_MR
74474	ZM_159_B2_E04		ZM_159_B2_E04_MR
74475	ZM_159_B2_E05		ZM_159_B2_E05_MR
74476	ZM_159_B2_E07		ZM_159_B2_E07_MR
74477	ZM_159_B2_E08		ZM_159_B2_E08_MR
74478	ZM_159_B2_E09		ZM_159_B2_E09_MR
74479	ZM_159_B2_E10		ZM_159_B2_E10_MR
74480	ZM_159_B2_E11		ZM_159_B2_E11_MR
74481	ZM_159_B2_E12		ZM_159_B2_E12_MR
74482	ZM_159_B2_F01		ZM_159_B2_F01_MR
74483	ZM_159_B2_F03		ZM_159_B2_F03_MR
74484	ZM_159_B2_F04		ZM_159_B2_F04_MR
74485	ZM_159_B2_F05		ZM_159_B2_F05_MR
74486	ZM_159_B2_F06		ZM_159_B2_F06_MR
74487	ZM_159_B2_F07		ZM_159_B2_F07_MR
74488	ZM_159_B2_F08		ZM_159_B2_F08_MR
74489	ZM_159_B2_F09		ZM_159_B2_F09_MR
74490	ZM_159_B2_F10		ZM_159_B2_F10_MR
74491	ZM_159_B2_F11		ZM_159_B2_F11_MR
74492	ZM_159_B2_F12		ZM_159_B2_F12_MR
74493	ZM_159_B2_G01		ZM_159_B2_G01_MR
74494	ZM_159_B2_G02		ZM_159_B2_G02_MR
74495	ZM_159_B2_G03		ZM_159_B2_G03_MR
74496	ZM_159_B2_G04		ZM_159_B2_G04_MR
74497	ZM_159_B2_G05		ZM_159_B2_G05_MR
74498	ZM_159_B2_G06		ZM_159_B2_G06_MR
74499	ZM_159_B2_G07		ZM_159_B2_G07_MR
74500	ZM_159_B2_G08		ZM_159_B2_G08_MR
74501	ZM_159_B2_G09		ZM_159_B2_G09_MR
74502	ZM_159_B2_G10		ZM_159_B2_G10_MR
74503	ZM_159_B2_G11		ZM_159_B2_G11_MR
74504	ZM_159_B2_G12		ZM_159_B2_G12_MR
74505	ZM_159_B2_H01		ZM_159_B2_H01_MR
74506	ZM_159_B2_H02		ZM_159_B2_H02_MR
74507	ZM_159_B2_H03		ZM_159_B2_H03_MR
74508	ZM_159_B2_H04		ZM_159_B2_H04_MR
74509	ZM_159_B2_H06		ZM_159_B2_H06_MR
74510	ZM_159_B2_H07		ZM_159_B2_H07_MR
74511	ZM_159_B2_H08		ZM_159_B2_H08_MR
74512	ZM_159_B2_H09		ZM_159_B2_H09_MR
74513	ZM_159_B2_H10		ZM_159_B2_H10_MR
74514	ZM_159_B2_H11		ZM_159_B2_H11_MR
74515	ZM_159_B2_H12		ZM_159_B2_H12_MR
74516	ZM_160_A1_A01	ZM_160_A1_A01_T7C	
74517	ZM_160_A1_A01		ZM_160_A1_A01_MR
74518	ZM_160_A1_A02	ZM_160_A1_A02_T7C	
74519	ZM_160_A1_A02		ZM_160_A1_A02_MR
74520	ZM_160_A1_A03	ZM_160_A1_A03_T7C	
74521	ZM_160_A1_A03		ZM_160_A1_A03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74522	ZM_160_A1_A04	ZM_160_A1_A04_T7C	ZM_160_A1_A04_MR
74523	ZM_160_A1_A04		
74524	ZM_160_A1_A05	ZM_160_A1_A05_T7C	ZM_160_A1_A05_MR
74525	ZM_160_A1_A05		
74526	ZM_160_A1_A06	ZM_160_A1_A06_T7C	ZM_160_A1_A06_MR
74527	ZM_160_A1_A06		
74528	ZM_160_A1_A07	ZM_160_A1_A07_T7C	
74529	ZM_160_A1_A08	ZM_160_A1_A08_T7C	
74530	ZM_160_A1_A08		ZM_160_A1_A08_MR
74531	ZM_160_A1_A09	ZM_160_A1_A09_T7C	
74532	ZM_160_A1_A09		ZM_160_A1_A09_MR
74533	ZM_160_A1_A10	ZM_160_A1_A10_T7C	
74534	ZM_160_A1_A10		ZM_160_A1_A10_MR
74535	ZM_160_A1_A11	ZM_160_A1_A11_T7C	
74536	ZM_160_A1_A11		ZM_160_A1_A11_MR
74537	ZM_160_A1_A12	ZM_160_A1_A12_T7C	
74538	ZM_160_A1_A12		ZM_160_A1_A12_MR
74539	ZM_160_A1_B01	ZM_160_A1_B01_T7C	
74540	ZM_160_A1_B01		ZM_160_A1_B01_MR
74541	ZM_160_A1_B02	ZM_160_A1_B02_T7C	
74542	ZM_160_A1_B02		ZM_160_A1_B02_MR
74543	ZM_160_A1_B03	ZM_160_A1_B03_T7C	
74544	ZM_160_A1_B03		ZM_160_A1_B03_MR
74545	ZM_160_A1_B04	ZM_160_A1_B04_T7C	
74546	ZM_160_A1_B04		ZM_160_A1_B04_MR
74547	ZM_160_A1_B05	ZM_160_A1_B05_T7C	
74548	ZM_160_A1_B05		ZM_160_A1_B05_MR
74549	ZM_160_A1_B06	ZM_160_A1_B06_T7C	
74550	ZM_160_A1_B06		ZM_160_A1_B06_MR
74551	ZM_160_A1_B07	ZM_160_A1_B07_T7C	
74552	ZM_160_A1_B07		ZM_160_A1_B07_MR
74553	ZM_160_A1_B08	ZM_160_A1_B08_T7C	
74554	ZM_160_A1_B08		ZM_160_A1_B08_MR
74555	ZM_160_A1_B09	ZM_160_A1_B09_T7C	
74556	ZM_160_A1_B09		ZM_160_A1_B09_MR
74557	ZM_160_A1_B10	ZM_160_A1_B10_T7C	
74558	ZM_160_A1_B10		ZM_160_A1_B10_MR
74559	ZM_160_A1_B11	ZM_160_A1_B11_T7C	
74560	ZM_160_A1_B11		ZM_160_A1_B11_MR
74561	ZM_160_A1_B12	ZM_160_A1_B12_T7C	
74562	ZM_160_A1_B12		ZM_160_A1_B12_MR
74563	ZM_160_A1_C01	ZM_160_A1_C01_T7C	
74564	ZM_160_A1_C01		ZM_160_A1_C01_MR
74565	ZM_160_A1_C02	ZM_160_A1_C02_T7C	
74566	ZM_160_A1_C02		ZM_160_A1_C02_MR
74567	ZM_160_A1_C04	ZM_160_A1_C04_T7C	
74568	ZM_160_A1_C04		ZM_160_A1_C04_MR
74569	ZM_160_A1_C05	ZM_160_A1_C05_T7C	
74570	ZM_160_A1_C05		ZM_160_A1_C05_MR
74571	ZM_160_A1_C06	ZM_160_A1_C06_T7C	
74572	ZM_160_A1_C06		ZM_160_A1_C06_MR
74573	ZM_160_A1_C07	ZM_160_A1_C07_T7C	
74574	ZM_160_A1_C07		ZM_160_A1_C07_MR
74575	ZM_160_A1_C08	ZM_160_A1_C08_T7C	
74576	ZM_160_A1_C08		ZM_160_A1_C08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74577	ZM_160_A1_C09	ZM_160_A1_C09_T7C	
74578	ZM_160_A1_C09		ZM_160_A1_C09_MR
74579	ZM_160_A1_C10	ZM_160_A1_C10_T7C	
74580	ZM_160_A1_C10		ZM_160_A1_C10_MR
74581	ZM_160_A1_C11	ZM_160_A1_C11_T7C	
74582	ZM_160_A1_C11		ZM_160_A1_C11_MR
74583	ZM_160_A1_C12	ZM_160_A1_C12_T7C	
74584	ZM_160_A1_C12		ZM_160_A1_C12_MR
74585	ZM_160_A1_D01	ZM_160_A1_D01_T7C	
74586	ZM_160_A1_D01		ZM_160_A1_D01_MR
74587	ZM_160_A1_D02	ZM_160_A1_D02_T7C	
74588	ZM_160_A1_D02		ZM_160_A1_D02_MR
74589	ZM_160_A1_D03	ZM_160_A1_D03_T7C	
74590	ZM_160_A1_D03		ZM_160_A1_D03_MR
74591	ZM_160_A1_D04	ZM_160_A1_D04_T7C	
74592	ZM_160_A1_D04		ZM_160_A1_D04_MR
74593	ZM_160_A1_D05	ZM_160_A1_D05_T7C	
74594	ZM_160_A1_D05		ZM_160_A1_D05_MR
74595	ZM_160_A1_D06	ZM_160_A1_D06_T7C	
74596	ZM_160_A1_D06		ZM_160_A1_D06_MR
74597	ZM_160_A1_D08	ZM_160_A1_D08_T7C	
74598	ZM_160_A1_D08		ZM_160_A1_D08_MR
74599	ZM_160_A1_D09	ZM_160_A1_D09_T7C	
74600	ZM_160_A1_D09		ZM_160_A1_D09_MR
74601	ZM_160_A1_D10	ZM_160_A1_D10_T7C	
74602	ZM_160_A1_D10		ZM_160_A1_D10_MR
74603	ZM_160_A1_D11	ZM_160_A1_D11_T7C	
74604	ZM_160_A1_D11		ZM_160_A1_D11_MR
74605	ZM_160_A1_D12	ZM_160_A1_D12_T7C	
74606	ZM_160_A1_E01	ZM_160_A1_E01_T7C	
74607	ZM_160_A1_E01		ZM_160_A1_E01_MR
74608	ZM_160_A1_E02	ZM_160_A1_E02_T7C	
74609	ZM_160_A1_E02		ZM_160_A1_E02_MR
74610	ZM_160_A1_E03	ZM_160_A1_E03_T7C	
74611	ZM_160_A1_E03		ZM_160_A1_E03_MR
74612	ZM_160_A1_E04	ZM_160_A1_E04_T7C	
74613	ZM_160_A1_E04		ZM_160_A1_E04_MR
74614	ZM_160_A1_E05	ZM_160_A1_E05_T7C	
74615	ZM_160_A1_E05		ZM_160_A1_E05_MR
74616	ZM_160_A1_E06		ZM_160_A1_E06_MR
74617	ZM_160_A1_E07	ZM_160_A1_E07_T7C	
74618	ZM_160_A1_E07		ZM_160_A1_E07_MR
74619	ZM_160_A1_E08	ZM_160_A1_E08_T7C	
74620	ZM_160_A1_E08		ZM_160_A1_E08_MR
74621	ZM_160_A1_E09	ZM_160_A1_E09_T7C	
74622	ZM_160_A1_E09		ZM_160_A1_E09_MR
74623	ZM_160_A1_E10	ZM_160_A1_E10_T7C	
74624	ZM_160_A1_E10		ZM_160_A1_E10_MR
74625	ZM_160_A1_E11	ZM_160_A1_E11_T7C	
74626	ZM_160_A1_E11		ZM_160_A1_E11_MR
74627	ZM_160_A1_E12	ZM_160_A1_E12_T7C	
74628	ZM_160_A1_E12		ZM_160_A1_E12_MR
74629	ZM_160_A1_F01	ZM_160_A1_F01_T7C	
74630	ZM_160_A1_F01		ZM_160_A1_F01_MR
74631	ZM_160_A1_F02	ZM_160_A1_F02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74632	ZM_160_A1_F02		ZM_160_A1_F02_MR
74633	ZM_160_A1_F03	ZM_160_A1_F03_T7C	
74634	ZM_160_A1_F03		ZM_160_A1_F03_MR
74635	ZM_160_A1_F04	ZM_160_A1_F04_T7C	
74636	ZM_160_A1_F04		ZM_160_A1_F04_MR
74637	ZM_160_A1_F05	ZM_160_A1_F05_T7C	
74638	ZM_160_A1_F05		ZM_160_A1_F05_MR
74639	ZM_160_A1_F06	ZM_160_A1_F06_T7C	
74640	ZM_160_A1_F06		ZM_160_A1_F06_MR
74641	ZM_160_A1_F07	ZM_160_A1_F07_T7C	
74642	ZM_160_A1_F07		ZM_160_A1_F07_MR
74643	ZM_160_A1_F08	ZM_160_A1_F08_T7C	
74644	ZM_160_A1_F08		ZM_160_A1_F08_MR
74645	ZM_160_A1_F09	ZM_160_A1_F09_T7C	
74646	ZM_160_A1_F09		ZM_160_A1_F09_MR
74647	ZM_160_A1_F10	ZM_160_A1_F10_T7C	
74648	ZM_160_A1_F10		ZM_160_A1_F10_MR
74649	ZM_160_A1_F11	ZM_160_A1_F11_T7C	
74650	ZM_160_A1_F11		ZM_160_A1_F11_MR
74651	ZM_160_A1_F12	ZM_160_A1_F12_T7C	
74652	ZM_160_A1_F12		ZM_160_A1_F12_MR
74653	ZM_160_A1_G02	ZM_160_A1_G02_T7C	
74654	ZM_160_A1_G02		ZM_160_A1_G02_MR
74655	ZM_160_A1_G03	ZM_160_A1_G03_T7C	
74656	ZM_160_A1_G03		ZM_160_A1_G03_MR
74657	ZM_160_A1_G04	ZM_160_A1_G04_T7C	
74658	ZM_160_A1_G04		ZM_160_A1_G04_MR
74659	ZM_160_A1_G05	ZM_160_A1_G05_T7C	
74660	ZM_160_A1_G05		ZM_160_A1_G05_MR
74661	ZM_160_A1_G06	ZM_160_A1_G06_T7C	
74662	ZM_160_A1_G06		ZM_160_A1_G06_MR
74663	ZM_160_A1_G07	ZM_160_A1_G07_T7C	
74664	ZM_160_A1_G07		ZM_160_A1_G07_MR
74665	ZM_160_A1_G08	ZM_160_A1_G08_T7C	
74666	ZM_160_A1_G08		ZM_160_A1_G08_MR
74667	ZM_160_A1_G09	ZM_160_A1_G09_T7C	
74668	ZM_160_A1_G09		ZM_160_A1_G09_MR
74669	ZM_160_A1_G10	ZM_160_A1_G10_T7C	
74670	ZM_160_A1_G10		ZM_160_A1_G10_MR
74671	ZM_160_A1_G11	ZM_160_A1_G11_T7C	
74672	ZM_160_A1_G11		ZM_160_A1_G11_MR
74673	ZM_160_A1_G12	ZM_160_A1_G12_T7C	
74674	ZM_160_A1_G12		ZM_160_A1_G12_MR
74675	ZM_160_A1_H01	ZM_160_A1_H01_T7C	
74676	ZM_160_A1_H01		ZM_160_A1_H01_MR
74677	ZM_160_A1_H02	ZM_160_A1_H02_T7C	
74678	ZM_160_A1_H02		ZM_160_A1_H02_MR
74679	ZM_160_A1_H03		ZM_160_A1_H03_MR
74680	ZM_160_A1_H04	ZM_160_A1_H04_T7C	
74681	ZM_160_A1_H04		ZM_160_A1_H04_MR
74682	ZM_160_A1_H05	ZM_160_A1_H05_T7C	
74683	ZM_160_A1_H05		ZM_160_A1_H05_MR
74684	ZM_160_A1_H06	ZM_160_A1_H06_T7C	
74685	ZM_160_A1_H06		ZM_160_A1_H06_MR
74686	ZM_160_A1_H07	ZM_160_A1_H07_T7C	



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74687	ZM_160_A1_H07		ZM_160_A1_H07_MR
74688	ZM_160_A1_H08	ZM_160_A1_H08_T7C	
74689	ZM_160_A1_H08		ZM_160_A1_H08_MR
74690	ZM_160_A1_H09	ZM_160_A1_H09_T7C	
74691	ZM_160_A1_H09		ZM_160_A1_H09_MR
74692	ZM_160_A1_H10	ZM_160_A1_H10_T7C	
74693	ZM_160_A1_H10		ZM_160_A1_H10_MR
74694	ZM_160_A1_H11	ZM_160_A1_H11_T7C	
74695	ZM_160_A1_H12	ZM_160_A1_H12_T7C	
74696	ZM_160_A1_H12		ZM_160_A1_H12_MR
74697	ZM_160_A2_A02	ZM_160_A2_A02_T7C	
74698	ZM_160_A2_A02		ZM_160_A2_A02_MR
74699	ZM_160_A2_A03	ZM_160_A2_A03_T7C	
74700	ZM_160_A2_A03		ZM_160_A2_A03_MR
74701	ZM_160_A2_A04	ZM_160_A2_A04_T7C	
74702	ZM_160_A2_A04		ZM_160_A2_A04_MR
74703	ZM_160_A2_A05	ZM_160_A2_A05_T7C	
74704	ZM_160_A2_A05		ZM_160_A2_A05_MR
74705	ZM_160_A2_A06	ZM_160_A2_A06_T7C	
74706	ZM_160_A2_A06		ZM_160_A2_A06_MR
74707	ZM_160_A2_A07	ZM_160_A2_A07_T7C	
74708	ZM_160_A2_A08	ZM_160_A2_A08_T7C	
74709	ZM_160_A2_A08		ZM_160_A2_A08_MR
74710	ZM_160_A2_A09		ZM_160_A2_A09_MR
74711	ZM_160_A2_A10	ZM_160_A2_A10_T7C	
74712	ZM_160_A2_A10		ZM_160_A2_A10_MR
74713	ZM_160_A2_A11	ZM_160_A2_A11_T7C	
74714	ZM_160_A2_A11		ZM_160_A2_A11_MR
74715	ZM_160_A2_A12	ZM_160_A2_A12_T7C	
74716	ZM_160_A2_A12		ZM_160_A2_A12_MR
74717	ZM_160_A2_B01	ZM_160_A2_B01_T7C	
74718	ZM_160_A2_B02	ZM_160_A2_B02_T7C	
74719	ZM_160_A2_B02		ZM_160_A2_B02_MR
74720	ZM_160_A2_B03	ZM_160_A2_B03_T7C	
74721	ZM_160_A2_B03		ZM_160_A2_B03_MR
74722	ZM_160_A2_B04	ZM_160_A2_B04_T7C	
74723	ZM_160_A2_B04		ZM_160_A2_B04_MR
74724	ZM_160_A2_B05	ZM_160_A2_B05_T7C	
74725	ZM_160_A2_B05		ZM_160_A2_B05_MR
74726	ZM_160_A2_B06	ZM_160_A2_B06_T7C	
74727	ZM_160_A2_B07	ZM_160_A2_B07_T7C	
74728	ZM_160_A2_B07		ZM_160_A2_B07_MR
74729	ZM_160_A2_B08	ZM_160_A2_B08_T7C	
74730	ZM_160_A2_B08		ZM_160_A2_B08_MR
74731	ZM_160_A2_B09		ZM_160_A2_B09_MR
74732	ZM_160_A2_B10	ZM_160_A2_B10_T7C	
74733	ZM_160_A2_B10		ZM_160_A2_B10_MR
74734	ZM_160_A2_B11	ZM_160_A2_B11_T7C	
74735	ZM_160_A2_B11		ZM_160_A2_B11_MR
74736	ZM_160_A2_B12	ZM_160_A2_B12_T7C	
74737	ZM_160_A2_B12		ZM_160_A2_B12_MR
74738	ZM_160_A2_C01	ZM_160_A2_C01_T7C	
74739	ZM_160_A2_C01		ZM_160_A2_C01_MR
74740	ZM_160_A2_C02	ZM_160_A2_C02_T7C	
74741	ZM_160_A2_C02		ZM_160_A2_C02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74742	ZM_160_A2_C03	ZM_160_A2_C03_T7C	ZM_160_A2_C03_MR
74743	ZM_160_A2_C03		
74744	ZM_160_A2_C04	ZM_160_A2_C04_T7C	ZM_160_A2_C04_MR
74745	ZM_160_A2_C04		
74746	ZM_160_A2_C05	ZM_160_A2_C05_T7C	ZM_160_A2_C05_MR
74747	ZM_160_A2_C05		
74748	ZM_160_A2_C06	ZM_160_A2_C06_T7C	ZM_160_A2_C06_MR
74749	ZM_160_A2_C06		
74750	ZM_160_A2_C07	ZM_160_A2_C07_T7C	ZM_160_A2_C07_MR
74751	ZM_160_A2_C07		ZM_160_A2_C08_MR
74752	ZM_160_A2_C08		
74753	ZM_160_A2_C09	ZM_160_A2_C09_T7C	ZM_160_A2_C09_MR
74754	ZM_160_A2_C09		
74755	ZM_160_A2_C10	ZM_160_A2_C10_T7C	ZM_160_A2_C10_MR
74756	ZM_160_A2_C10		
74757	ZM_160_A2_C11	ZM_160_A2_C11_T7C	ZM_160_A2_C11_MR
74758	ZM_160_A2_C11		
74759	ZM_160_A2_C12	ZM_160_A2_C12_T7C	ZM_160_A2_C12_MR
74760	ZM_160_A2_C12		
74761	ZM_160_A2_D01	ZM_160_A2_D01_T7C	ZM_160_A2_D01_MR
74762	ZM_160_A2_D01		
74763	ZM_160_A2_D02	ZM_160_A2_D02_T7C	ZM_160_A2_D02_MR
74764	ZM_160_A2_D02		
74765	ZM_160_A2_D03	ZM_160_A2_D03_T7C	ZM_160_A2_D03_MR
74766	ZM_160_A2_D03		
74767	ZM_160_A2_D04	ZM_160_A2_D04_T7C	ZM_160_A2_D04_MR
74768	ZM_160_A2_D04		
74769	ZM_160_A2_D05	ZM_160_A2_D05_T7C	ZM_160_A2_D06_MR
74770	ZM_160_A2_D06		
74771	ZM_160_A2_D07	ZM_160_A2_D07_T7C	ZM_160_A2_D07_MR
74772	ZM_160_A2_D07		
74773	ZM_160_A2_D08	ZM_160_A2_D08_T7C	ZM_160_A2_D08_MR
74774	ZM_160_A2_D08		
74775	ZM_160_A2_D09	ZM_160_A2_D09_T7C	ZM_160_A2_D09_MR
74776	ZM_160_A2_D09		
74777	ZM_160_A2_D10	ZM_160_A2_D10_T7C	ZM_160_A2_D10_MR
74778	ZM_160_A2_D10		
74779	ZM_160_A2_D11	ZM_160_A2_D11_T7C	ZM_160_A2_D11_MR
74780	ZM_160_A2_D11		ZM_160_A2_D12_MR
74781	ZM_160_A2_D12		
74782	ZM_160_A2_E01		ZM_160_A2_E01_MR
74783	ZM_160_A2_E02		ZM_160_A2_E02_MR
74784	ZM_160_A2_E03	ZM_160_A2_E03_T7C	ZM_160_A2_E03_MR
74785	ZM_160_A2_E03		
74786	ZM_160_A2_E04	ZM_160_A2_E04_T7C	ZM_160_A2_E04_MR
74787	ZM_160_A2_E04		ZM_160_A2_E05_MR
74788	ZM_160_A2_E05		
74789	ZM_160_A2_E06	ZM_160_A2_E06_T7C	ZM_160_A2_E06_MR
74790	ZM_160_A2_E06		ZM_160_A2_E07_MR
74791	ZM_160_A2_E07		ZM_160_A2_E08_MR
74792	ZM_160_A2_E08		ZM_160_A2_E09_MR
74793	ZM_160_A2_E09		
74794	ZM_160_A2_E10	ZM_160_A2_E10_T7C	
74795	ZM_160_A2_E11	ZM_160_A2_E11_T7C	
74796	ZM_160_A2_E11		ZM_160_A2_E11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74797	ZM_160_A2_E12		ZM_160_A2_E12_MR
74798	ZM_160_A2_F01	ZM_160_A2_F01_T7C	
74799	ZM_160_A2_F01		ZM_160_A2_F01_MR
74800	ZM_160_A2_F02	ZM_160_A2_F02_T7C	
74801	ZM_160_A2_F02		ZM_160_A2_F02_MR
74802	ZM_160_A2_F03	ZM_160_A2_F03_T7C	
74803	ZM_160_A2_F03		ZM_160_A2_F03_MR
74804	ZM_160_A2_F04	ZM_160_A2_F04_T7C	
74805	ZM_160_A2_F04		ZM_160_A2_F04_MR
74806	ZM_160_A2_F05	ZM_160_A2_F05_T7C	
74807	ZM_160_A2_F05		ZM_160_A2_F05_MR
74808	ZM_160_A2_F06	ZM_160_A2_F06_T7C	
74809	ZM_160_A2_F06		ZM_160_A2_F06_MR
74810	ZM_160_A2_F07	ZM_160_A2_F07_T7C	
74811	ZM_160_A2_F07		ZM_160_A2_F07_MR
74812	ZM_160_A2_F08	ZM_160_A2_F08_T7C	
74813	ZM_160_A2_F08		ZM_160_A2_F08_MR
74814	ZM_160_A2_F09	ZM_160_A2_F09_T7C	
74815	ZM_160_A2_F09		ZM_160_A2_F09_MR
74816	ZM_160_A2_F10	ZM_160_A2_F10_T7C	
74817	ZM_160_A2_F10		ZM_160_A2_F10_MR
74818	ZM_160_A2_F11	ZM_160_A2_F11_T7C	
74819	ZM_160_A2_F11		ZM_160_A2_F11_MR
74820	ZM_160_A2_F12	ZM_160_A2_F12_T7C	
74821	ZM_160_A2_F12		ZM_160_A2_F12_MR
74822	ZM_160_A2_G01		ZM_160_A2_G01_MR
74823	ZM_160_A2_G02	ZM_160_A2_G02_T7C	
74824	ZM_160_A2_G02		ZM_160_A2_G02_MR
74825	ZM_160_A2_G03	ZM_160_A2_G03_T7C	
74826	ZM_160_A2_G03		ZM_160_A2_G03_MR
74827	ZM_160_A2_G04	ZM_160_A2_G04_T7C	
74828	ZM_160_A2_G04		ZM_160_A2_G04_MR
74829	ZM_160_A2_G05		ZM_160_A2_G05_MR
74830	ZM_160_A2_G06	ZM_160_A2_G06_T7C	
74831	ZM_160_A2_G06		ZM_160_A2_G06_MR
74832	ZM_160_A2_G07	ZM_160_A2_G07_T7C	
74833	ZM_160_A2_G07		ZM_160_A2_G07_MR
74834	ZM_160_A2_G08	ZM_160_A2_G08_T7C	
74835	ZM_160_A2_G08		ZM_160_A2_G08_MR
74836	ZM_160_A2_G09	ZM_160_A2_G09_T7C	
74837	ZM_160_A2_G09		ZM_160_A2_G09_MR
74838	ZM_160_A2_G10	ZM_160_A2_G10_T7C	
74839	ZM_160_A2_G10		ZM_160_A2_G10_MR
74840	ZM_160_A2_G11	ZM_160_A2_G11_T7C	
74841	ZM_160_A2_G11		ZM_160_A2_G11_MR
74842	ZM_160_A2_G12	ZM_160_A2_G12_T7C	
74843	ZM_160_A2_G12		ZM_160_A2_G12_MR
74844	ZM_160_A2_H01	ZM_160_A2_H01_T7C	
74845	ZM_160_A2_H01		ZM_160_A2_H01_MR
74846	ZM_160_A2_H02	ZM_160_A2_H02_T7C	
74847	ZM_160_A2_H02		ZM_160_A2_H02_MR
74848	ZM_160_A2_H03	ZM_160_A2_H03_T7C	
74849	ZM_160_A2_H03		ZM_160_A2_H03_MR
74850	ZM_160_A2_H04	ZM_160_A2_H04_T7C	
74851	ZM_160_A2_H04		ZM_160_A2_H04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74852	ZM_160_A2_H05	ZM_160_A2_H05_T7C	ZM_160_A2_H05_MR
74853	ZM_160_A2_H05		ZM_160_A2_H06_MR
74854	ZM_160_A2_H06		
74855	ZM_160_A2_H07	ZM_160_A2_H07_T7C	ZM_160_A2_H07_MR
74856	ZM_160_A2_H07		
74857	ZM_160_A2_H08	ZM_160_A2_H08_T7C	ZM_160_A2_H08_MR
74858	ZM_160_A2_H08		ZM_160_A2_H09_MR
74859	ZM_160_A2_H09		
74860	ZM_160_A2_H10	ZM_160_A2_H10_T7C	ZM_160_A2_H10_MR
74861	ZM_160_A2_H10		ZM_160_A2_H11_MR
74862	ZM_160_A2_H11		
74863	ZM_160_A2_H12	ZM_160_A2_H12_T7C	ZM_160_A2_H12_MR
74864	ZM_160_A2_H12		
74865	ZM_160_B1_A01	ZM_160_B1_A01_T7C	ZM_160_B1_A01_MR
74866	ZM_160_B1_A01		
74867	ZM_160_B1_A02	ZM_160_B1_A02_T7C	ZM_160_B1_A02_MR
74868	ZM_160_B1_A02		
74869	ZM_160_B1_A03	ZM_160_B1_A03_T7C	
74870	ZM_160_B1_A04	ZM_160_B1_A04_T7C	ZM_160_B1_A04_MR
74871	ZM_160_B1_A04		
74872	ZM_160_B1_A05	ZM_160_B1_A05_T7C	ZM_160_B1_A05_MR
74873	ZM_160_B1_A05		
74874	ZM_160_B1_A06	ZM_160_B1_A06_T7C	ZM_160_B1_A06_MR
74875	ZM_160_B1_A06		
74876	ZM_160_B1_A07	ZM_160_B1_A07_T7C	ZM_160_B1_A07_MR
74877	ZM_160_B1_A07		
74878	ZM_160_B1_A08	ZM_160_B1_A08_T7C	ZM_160_B1_A08_MR
74879	ZM_160_B1_A08		
74880	ZM_160_B1_A09	ZM_160_B1_A09_T7C	ZM_160_B1_A09_MR
74881	ZM_160_B1_A09		
74882	ZM_160_B1_A10	ZM_160_B1_A10_T7C	ZM_160_B1_A10_MR
74883	ZM_160_B1_A10		
74884	ZM_160_B1_A11	ZM_160_B1_A11_T7C	ZM_160_B1_A11_MR
74885	ZM_160_B1_A11		
74886	ZM_160_B1_A12	ZM_160_B1_A12_T7C	ZM_160_B1_A12_MR
74887	ZM_160_B1_A12		
74888	ZM_160_B1_B01	ZM_160_B1_B01_T7C	ZM_160_B1_B01_MR
74889	ZM_160_B1_B01		
74890	ZM_160_B1_B02	ZM_160_B1_B02_T7C	ZM_160_B1_B02_MR
74891	ZM_160_B1_B02		
74892	ZM_160_B1_B03	ZM_160_B1_B03_T7C	ZM_160_B1_B03_MR
74893	ZM_160_B1_B03		
74894	ZM_160_B1_B04	ZM_160_B1_B04_T7C	ZM_160_B1_B04_MR
74895	ZM_160_B1_B04		
74896	ZM_160_B1_B05	ZM_160_B1_B05_T7C	ZM_160_B1_B05_MR
74897	ZM_160_B1_B05		
74898	ZM_160_B1_B06	ZM_160_B1_B06_T7C	ZM_160_B1_B06_MR
74899	ZM_160_B1_B06		
74900	ZM_160_B1_B07	ZM_160_B1_B07_T7C	ZM_160_B1_B07_MR
74901	ZM_160_B1_B07		
74902	ZM_160_B1_B08	ZM_160_B1_B08_T7C	ZM_160_B1_B08_MR
74903	ZM_160_B1_B08		
74904	ZM_160_B1_B09	ZM_160_B1_B09_T7C	
74905	ZM_160_B1_B10	ZM_160_B1_B10_T7C	ZM_160_B1_B10_MR
74906	ZM_160_B1_B10		

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74907	ZM_160_B1_B11	ZM_160_B1_B11_T7C	ZM_160_B1_B11_MR
74908	ZM_160_B1_B11		
74909	ZM_160_B1_B12	ZM_160_B1_B12_T7C	ZM_160_B1_B12_MR
74910	ZM_160_B1_B12		
74911	ZM_160_B1_C01	ZM_160_B1_C01_T7C	ZM_160_B1_C01_MR
74912	ZM_160_B1_C01		
74913	ZM_160_B1_C02	ZM_160_B1_C02_T7C	ZM_160_B1_C02_MR
74914	ZM_160_B1_C02		
74915	ZM_160_B1_C03	ZM_160_B1_C03_T7C	ZM_160_B1_C03_MR
74916	ZM_160_B1_C03		
74917	ZM_160_B1_C04	ZM_160_B1_C04_T7C	ZM_160_B1_C04_MR
74918	ZM_160_B1_C04		
74919	ZM_160_B1_C05	ZM_160_B1_C05_T7C	ZM_160_B1_C05_MR
74920	ZM_160_B1_C05		
74921	ZM_160_B1_C06	ZM_160_B1_C06_T7C	ZM_160_B1_C06_MR
74922	ZM_160_B1_C06		
74923	ZM_160_B1_C07	ZM_160_B1_C07_T7C	ZM_160_B1_C07_MR
74924	ZM_160_B1_C07		
74925	ZM_160_B1_C08	ZM_160_B1_C08_T7C	ZM_160_B1_C08_MR
74926	ZM_160_B1_C08		
74927	ZM_160_B1_C09	ZM_160_B1_C09_T7C	ZM_160_B1_C09_MR
74928	ZM_160_B1_C09		
74929	ZM_160_B1_C10	ZM_160_B1_C10_T7C	ZM_160_B1_C10_MR
74930	ZM_160_B1_C10		
74931	ZM_160_B1_C11	ZM_160_B1_C11_T7C	ZM_160_B1_C11_MR
74932	ZM_160_B1_C11		
74933	ZM_160_B1_C12	ZM_160_B1_C12_T7C	ZM_160_B1_C12_MR
74934	ZM_160_B1_C12		
74935	ZM_160_B1_D01	ZM_160_B1_D01_T7C	ZM_160_B1_D01_MR
74936	ZM_160_B1_D01		
74937	ZM_160_B1_D02	ZM_160_B1_D02_T7C	ZM_160_B1_D02_MR
74938	ZM_160_B1_D02		
74939	ZM_160_B1_D03	ZM_160_B1_D03_T7C	ZM_160_B1_D03_MR
74940	ZM_160_B1_D03		
74941	ZM_160_B1_D04	ZM_160_B1_D04_T7C	ZM_160_B1_D04_MR
74942	ZM_160_B1_D04		
74943	ZM_160_B1_D05	ZM_160_B1_D05_T7C	ZM_160_B1_D05_MR
74944	ZM_160_B1_D05		
74945	ZM_160_B1_D06	ZM_160_B1_D06_T7C	ZM_160_B1_D06_MR
74946	ZM_160_B1_D06		
74947	ZM_160_B1_D07	ZM_160_B1_D07_T7C	ZM_160_B1_D07_MR
74948	ZM_160_B1_D07		
74949	ZM_160_B1_D08	ZM_160_B1_D08_T7C	ZM_160_B1_D08_MR
74950	ZM_160_B1_D08		
74951	ZM_160_B1_D09	ZM_160_B1_D09_T7C	ZM_160_B1_D09_MR
74952	ZM_160_B1_D09		
74953	ZM_160_B1_D10	ZM_160_B1_D10_T7C	ZM_160_B1_D10_MR
74954	ZM_160_B1_D10		
74955	ZM_160_B1_D11	ZM_160_B1_D11_T7C	ZM_160_B1_D11_MR
74956	ZM_160_B1_D11		
74957	ZM_160_B1_D12	ZM_160_B1_D12_T7C	ZM_160_B1_D12_MR
74958	ZM_160_B1_D12		
74959	ZM_160_B1_E01	ZM_160_B1_E01_T7C	
74960	ZM_160_B1_E02	ZM_160_B1_E02_T7C	
74961	ZM_160_B1_E02		ZM_160_B1_E02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
74962	ZM_160_B1_E03	ZM_160_B1_E03_T7C	
74963	ZM_160_B1_E03		ZM_160_B1_E03_MR
74964	ZM_160_B1_E04	ZM_160_B1_E04_T7C	
74965	ZM_160_B1_E04		ZM_160_B1_E04_MR
74966	ZM_160_B1_E05	ZM_160_B1_E05_T7C	
74967	ZM_160_B1_E05		ZM_160_B1_E05_MR
74968	ZM_160_B1_E06	ZM_160_B1_E06_T7C	
74969	ZM_160_B1_E06		ZM_160_B1_E06_MR
74970	ZM_160_B1_E07	ZM_160_B1_E07_T7C	
74971	ZM_160_B1_E08	ZM_160_B1_E08_T7C	
74972	ZM_160_B1_E08		ZM_160_B1_E08_MR
74973	ZM_160_B1_E09	ZM_160_B1_E09_T7C	
74974	ZM_160_B1_E09		ZM_160_B1_E09_MR
74975	ZM_160_B1_E10	ZM_160_B1_E10_T7C	
74976	ZM_160_B1_E10		ZM_160_B1_E10_MR
74977	ZM_160_B1_E11	ZM_160_B1_E11_T7C	
74978	ZM_160_B1_E11		ZM_160_B1_E11_MR
74979	ZM_160_B1_E12		ZM_160_B1_E12_MR
74980	ZM_160_B1_F01	ZM_160_B1_F01_T7C	
74981	ZM_160_B1_F01		ZM_160_B1_F01_MR
74982	ZM_160_B1_F02	ZM_160_B1_F02_T7C	
74983	ZM_160_B1_F02		ZM_160_B1_F02_MR
74984	ZM_160_B1_F03	ZM_160_B1_F03_T7C	
74985	ZM_160_B1_F03		ZM_160_B1_F03_MR
74986	ZM_160_B1_F04	ZM_160_B1_F04_T7C	
74987	ZM_160_B1_F04		ZM_160_B1_F04_MR
74988	ZM_160_B1_F05	ZM_160_B1_F05_T7C	
74989	ZM_160_B1_F05		ZM_160_B1_F05_MR
74990	ZM_160_B1_F06	ZM_160_B1_F06_T7C	
74991	ZM_160_B1_F06		ZM_160_B1_F06_MR
74992	ZM_160_B1_F07	ZM_160_B1_F07_T7C	
74993	ZM_160_B1_F07		ZM_160_B1_F07_MR
74994	ZM_160_B1_F08	ZM_160_B1_F08_T7C	
74995	ZM_160_B1_F08		ZM_160_B1_F08_MR
74996	ZM_160_B1_F09	ZM_160_B1_F09_T7C	
74997	ZM_160_B1_F09		ZM_160_B1_F09_MR
74998	ZM_160_B1_F10	ZM_160_B1_F10_T7C	
74999	ZM_160_B1_F10		ZM_160_B1_F10_MR
75000	ZM_160_B1_F11	ZM_160_B1_F11_T7C	
75001	ZM_160_B1_F11		ZM_160_B1_F11_MR
75002	ZM_160_B1_F12	ZM_160_B1_F12_T7C	
75003	ZM_160_B1_F12		ZM_160_B1_F12_MR
75004	ZM_160_B1_G01	ZM_160_B1_G01_T7C	
75005	ZM_160_B1_G01		ZM_160_B1_G01_MR
75006	ZM_160_B1_G02	ZM_160_B1_G02_T7C	
75007	ZM_160_B1_G02		ZM_160_B1_G02_MR
75008	ZM_160_B1_G03	ZM_160_B1_G03_T7C	
75009	ZM_160_B1_G03		ZM_160_B1_G03_MR
75010	ZM_160_B1_G04	ZM_160_B1_G04_T7C	
75011	ZM_160_B1_G04		ZM_160_B1_G04_MR
75012	ZM_160_B1_G06	ZM_160_B1_G06_T7C	
75013	ZM_160_B1_G06		ZM_160_B1_G06_MR
75014	ZM_160_B1_G08	ZM_160_B1_G08_T7C	
75015	ZM_160_B1_G08		ZM_160_B1_G08_MR
75016	ZM_160_B1_G09	ZM_160_B1_G09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75017	ZM_160_B1_G09		ZM_160_B1_G09_MR
75018	ZM_160_B1_G10	ZM_160_B1_G10_T7C	
75019	ZM_160_B1_G10		ZM_160_B1_G10_MR
75020	ZM_160_B1_G11	ZM_160_B1_G11_T7C	
75021	ZM_160_B1_G11		ZM_160_B1_G11_MR
75022	ZM_160_B1_G12	ZM_160_B1_G12_T7C	
75023	ZM_160_B1_G12		ZM_160_B1_G12_MR
75024	ZM_160_B1_H01	ZM_160_B1_H01_T7C	
75025	ZM_160_B1_H01		ZM_160_B1_H01_MR
75026	ZM_160_B1_H02	ZM_160_B1_H02_T7C	
75027	ZM_160_B1_H02		ZM_160_B1_H02_MR
75028	ZM_160_B1_H03	ZM_160_B1_H03_T7C	
75029	ZM_160_B1_H03		ZM_160_B1_H03_MR
75030	ZM_160_B1_H04	ZM_160_B1_H04_T7C	
75031	ZM_160_B1_H04		ZM_160_B1_H04_MR
75032	ZM_160_B1_H05	ZM_160_B1_H05_T7C	
75033	ZM_160_B1_H05		ZM_160_B1_H05_MR
75034	ZM_160_B1_H06	ZM_160_B1_H06_T7C	
75035	ZM_160_B1_H06		ZM_160_B1_H06_MR
75036	ZM_160_B1_H07		ZM_160_B1_H07_MR
75037	ZM_160_B1_H08	ZM_160_B1_H08_T7C	
75038	ZM_160_B1_H08		ZM_160_B1_H08_MR
75039	ZM_160_B1_H09	ZM_160_B1_H09_T7C	
75040	ZM_160_B1_H09		ZM_160_B1_H09_MR
75041	ZM_160_B1_H10	ZM_160_B1_H10_T7C	
75042	ZM_160_B1_H10		ZM_160_B1_H10_MR
75043	ZM_160_B1_H11	ZM_160_B1_H11_T7C	
75044	ZM_160_B1_H11		ZM_160_B1_H11_MR
75045	ZM_160_B1_H12	ZM_160_B1_H12_T7C	
75046	ZM_160_B1_H12		ZM_160_B1_H12_MR
75047	ZM_160_B2_A02		ZM_160_B2_A02_MR
75048	ZM_160_B2_A05		ZM_160_B2_A05_MR
75049	ZM_160_B2_A06		ZM_160_B2_A06_MR
75050	ZM_160_B2_A07		ZM_160_B2_A07_MR
75051	ZM_160_B2_A10		ZM_160_B2_A10_MR
75052	ZM_160_B2_A11		ZM_160_B2_A11_MR
75053	ZM_160_B2_B01		ZM_160_B2_B01_MR
75054	ZM_160_B2_B02		ZM_160_B2_B02_MR
75055	ZM_160_B2_B03		ZM_160_B2_B03_MR
75056	ZM_160_B2_B04		ZM_160_B2_B04_MR
75057	ZM_160_B2_B05		ZM_160_B2_B05_MR
75058	ZM_160_B2_B06		ZM_160_B2_B06_MR
75059	ZM_160_B2_B07		ZM_160_B2_B07_MR
75060	ZM_160_B2_B11		ZM_160_B2_B11_MR
75061	ZM_160_B2_C01		ZM_160_B2_C01_MR
75062	ZM_160_B2_C02		ZM_160_B2_C02_MR
75063	ZM_160_B2_C04		ZM_160_B2_C04_MR
75064	ZM_160_B2_C06		ZM_160_B2_C06_MR
75065	ZM_160_B2_C07		ZM_160_B2_C07_MR
75066	ZM_160_B2_C09		ZM_160_B2_C09_MR
75067	ZM_160_B2_C11		ZM_160_B2_C11_MR
75068	ZM_160_B2_C12		ZM_160_B2_C12_MR
75069	ZM_160_B2_D01		ZM_160_B2_D01_MR
75070	ZM_160_B2_D02		ZM_160_B2_D02_MR
75071	ZM_160_B2_D03		ZM_160_B2_D03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75072	ZM_160_B2_D04		ZM_160_B2_D04_MR
75073	ZM_160_B2_D05		ZM_160_B2_D05_MR
75074	ZM_160_B2_D06		ZM_160_B2_D06_MR
75075	ZM_160_B2_D07		ZM_160_B2_D07_MR
75076	ZM_160_B2_D12		ZM_160_B2_D12_MR
75077	ZM_160_B2_E01		ZM_160_B2_E01_MR
75078	ZM_160_B2_E02		ZM_160_B2_E02_MR
75079	ZM_160_B2_E03		ZM_160_B2_E03_MR
75080	ZM_160_B2_E04		ZM_160_B2_E04_MR
75081	ZM_160_B2_E05		ZM_160_B2_E05_MR
75082	ZM_160_B2_E07		ZM_160_B2_E07_MR
75083	ZM_160_B2_E08		ZM_160_B2_E08_MR
75084	ZM_160_B2_F01		ZM_160_B2_F01_MR
75085	ZM_160_B2_F02		ZM_160_B2_F02_MR
75086	ZM_160_B2_F04		ZM_160_B2_F04_MR
75087	ZM_160_B2_F05		ZM_160_B2_F05_MR
75088	ZM_160_B2_F06		ZM_160_B2_F06_MR
75089	ZM_160_B2_F07		ZM_160_B2_F07_MR
75090	ZM_160_B2_F08		ZM_160_B2_F08_MR
75091	ZM_160_B2_F10		ZM_160_B2_F10_MR
75092	ZM_160_B2_F11		ZM_160_B2_F11_MR
75093	ZM_160_B2_F12		ZM_160_B2_F12_MR
75094	ZM_160_B2_G01		ZM_160_B2_G01_MR
75095	ZM_160_B2_G02		ZM_160_B2_G02_MR
75096	ZM_160_B2_G03		ZM_160_B2_G03_MR
75097	ZM_160_B2_G04		ZM_160_B2_G04_MR
75098	ZM_160_B2_G05		ZM_160_B2_G05_MR
75099	ZM_160_B2_G06		ZM_160_B2_G06_MR
75100	ZM_160_B2_G08		ZM_160_B2_G08_MR
75101	ZM_160_B2_G10		ZM_160_B2_G10_MR
75102	ZM_160_B2_G11		ZM_160_B2_G11_MR
75103	ZM_160_B2_G12		ZM_160_B2_G12_MR
75104	ZM_160_B2_H04		ZM_160_B2_H04_MR
75105	ZM_160_B2_H05		ZM_160_B2_H05_MR
75106	ZM_160_B2_H07		ZM_160_B2_H07_MR
75107	ZM_160_B2_H11		ZM_160_B2_H11_MR
75108	ZM_161_A1_A01		ZM_161_A1_A01_MR
75109	ZM_161_A1_A02	ZM_161_A1_A02_T7C	
75110	ZM_161_A1_A02		ZM_161_A1_A02_MR
75111	ZM_161_A1_A03	ZM_161_A1_A03_T7C	
75112	ZM_161_A1_A03		ZM_161_A1_A03_MR
75113	ZM_161_A1_A04	ZM_161_A1_A04_T7C	
75114	ZM_161_A1_A04		ZM_161_A1_A04_MR
75115	ZM_161_A1_A05	ZM_161_A1_A05_T7C	
75116	ZM_161_A1_A05		ZM_161_A1_A05_MR
75117	ZM_161_A1_A06	ZM_161_A1_A06_T7C	
75118	ZM_161_A1_A06		ZM_161_A1_A06_MR
75119	ZM_161_A1_A07	ZM_161_A1_A07_T7C	
75120	ZM_161_A1_A07		ZM_161_A1_A07_MR
75121	ZM_161_A1_A08	ZM_161_A1_A08_T7C	
75122	ZM_161_A1_A08		ZM_161_A1_A08_MR
75123	ZM_161_A1_A09	ZM_161_A1_A09_T7C	
75124	ZM_161_A1_A09		ZM_161_A1_A09_MR
75125	ZM_161_A1_A10	ZM_161_A1_A10_T7C	
75126	ZM_161_A1_A10		ZM_161_A1_A10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75127	ZM_161_A1_A11	ZM_161_A1_A11_T7C	
75128	ZM_161_A1_A11		ZM_161_A1_A11_MR
75129	ZM_161_A1_A12	ZM_161_A1_A12_T7C	
75130	ZM_161_A1_A12		ZM_161_A1_A12_MR
75131	ZM_161_A1_B01	ZM_161_A1_B01_T7C	
75132	ZM_161_A1_B01		ZM_161_A1_B01_MR
75133	ZM_161_A1_B02	ZM_161_A1_B02_T7C	
75134	ZM_161_A1_B02		ZM_161_A1_B02_MR
75135	ZM_161_A1_B03	ZM_161_A1_B03_T7C	
75136	ZM_161_A1_B03		ZM_161_A1_B03_MR
75137	ZM_161_A1_B04	ZM_161_A1_B04_T7C	
75138	ZM_161_A1_B04		ZM_161_A1_B04_MR
75139	ZM_161_A1_B05	ZM_161_A1_B05_T7C	
75140	ZM_161_A1_B05		ZM_161_A1_B05_MR
75141	ZM_161_A1_B06	ZM_161_A1_B06_T7C	
75142	ZM_161_A1_B07	ZM_161_A1_B07_T7C	
75143	ZM_161_A1_B07		ZM_161_A1_B07_MR
75144	ZM_161_A1_B08	ZM_161_A1_B08_T7C	
75145	ZM_161_A1_B08		ZM_161_A1_B08_MR
75146	ZM_161_A1_B09	ZM_161_A1_B09_T7C	
75147	ZM_161_A1_B09		ZM_161_A1_B09_MR
75148	ZM_161_A1_B10	ZM_161_A1_B10_T7C	
75149	ZM_161_A1_B10		ZM_161_A1_B10_MR
75150	ZM_161_A1_B11	ZM_161_A1_B11_T7C	
75151	ZM_161_A1_B11		ZM_161_A1_B11_MR
75152	ZM_161_A1_B12	ZM_161_A1_B12_T7C	
75153	ZM_161_A1_B12		ZM_161_A1_B12_MR
75154	ZM_161_A1_C01	ZM_161_A1_C01_T7C	
75155	ZM_161_A1_C01		ZM_161_A1_C01_MR
75156	ZM_161_A1_C02	ZM_161_A1_C02_T7C	
75157	ZM_161_A1_C02		ZM_161_A1_C02_MR
75158	ZM_161_A1_C03	ZM_161_A1_C03_T7C	
75159	ZM_161_A1_C03		ZM_161_A1_C03_MR
75160	ZM_161_A1_C04	ZM_161_A1_C04_T7C	
75161	ZM_161_A1_C04		ZM_161_A1_C04_MR
75162	ZM_161_A1_C05		ZM_161_A1_C05_MR
75163	ZM_161_A1_C06	ZM_161_A1_C06_T7C	
75164	ZM_161_A1_C06		ZM_161_A1_C06_MR
75165	ZM_161_A1_C07	ZM_161_A1_C07_T7C	
75166	ZM_161_A1_C07		ZM_161_A1_C07_MR
75167	ZM_161_A1_C08	ZM_161_A1_C08_T7C	
75168	ZM_161_A1_C08		ZM_161_A1_C08_MR
75169	ZM_161_A1_C09	ZM_161_A1_C09_T7C	
75170	ZM_161_A1_C09		ZM_161_A1_C09_MR
75171	ZM_161_A1_C10	ZM_161_A1_C10_T7C	
75172	ZM_161_A1_C10		ZM_161_A1_C10_MR
75173	ZM_161_A1_C11	ZM_161_A1_C11_T7C	
75174	ZM_161_A1_C11		ZM_161_A1_C11_MR
75175	ZM_161_A1_C12	ZM_161_A1_C12_T7C	
75176	ZM_161_A1_C12		ZM_161_A1_C12_MR
75177	ZM_161_A1_D01	ZM_161_A1_D01_T7C	
75178	ZM_161_A1_D01		ZM_161_A1_D01_MR
75179	ZM_161_A1_D02	ZM_161_A1_D02_T7C	
75180	ZM_161_A1_D02		ZM_161_A1_D02_MR
75181	ZM_161_A1_D03	ZM_161_A1_D03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75182	ZM_161_A1_D03		ZM_161_A1_D03_MR
75183	ZM_161_A1_D04	ZM_161_A1_D04_T7C	
75184	ZM_161_A1_D04		ZM_161_A1_D04_MR
75185	ZM_161_A1_D05	ZM_161_A1_D05_T7C	
75186	ZM_161_A1_D05		ZM_161_A1_D05_MR
75187	ZM_161_A1_D06	ZM_161_A1_D06_T7C	
75188	ZM_161_A1_D11		ZM_161_A1_D11_MR
75189	ZM_161_A1_D12	ZM_161_A1_D12_T7C	
75190	ZM_161_A1_D12		ZM_161_A1_D12_MR
75191	ZM_161_A1_E01	ZM_161_A1_E01_T7C	
75192	ZM_161_A1_E01		ZM_161_A1_E01_MR
75193	ZM_161_A1_E02	ZM_161_A1_E02_T7C	
75194	ZM_161_A1_E02		ZM_161_A1_E02_MR
75195	ZM_161_A1_E03	ZM_161_A1_E03_T7C	
75196	ZM_161_A1_E03		ZM_161_A1_E03_MR
75197	ZM_161_A1_E04	ZM_161_A1_E04_T7C	
75198	ZM_161_A1_E04		ZM_161_A1_E04_MR
75199	ZM_161_A1_E05	ZM_161_A1_E05_T7C	
75200	ZM_161_A1_E05		ZM_161_A1_E05_MR
75201	ZM_161_A1_E06	ZM_161_A1_E06_T7C	
75202	ZM_161_A1_E06		ZM_161_A1_E06_MR
75203	ZM_161_A1_E07	ZM_161_A1_E07_T7C	
75204	ZM_161_A1_E07		ZM_161_A1_E07_MR
75205	ZM_161_A1_E08	ZM_161_A1_E08_T7C	
75206	ZM_161_A1_E09	ZM_161_A1_E09_T7C	
75207	ZM_161_A1_E09		ZM_161_A1_E09_MR
75208	ZM_161_A1_E10	ZM_161_A1_E10_T7C	
75209	ZM_161_A1_E10		ZM_161_A1_E10_MR
75210	ZM_161_A1_E11	ZM_161_A1_E11_T7C	
75211	ZM_161_A1_E11		ZM_161_A1_E11_MR
75212	ZM_161_A1_E12	ZM_161_A1_E12_T7C	
75213	ZM_161_A1_E12		ZM_161_A1_E12_MR
75214	ZM_161_A1_F01	ZM_161_A1_F01_T7C	
75215	ZM_161_A1_F01		ZM_161_A1_F01_MR
75216	ZM_161_A1_F02	ZM_161_A1_F02_T7C	
75217	ZM_161_A1_F02		ZM_161_A1_F02_MR
75218	ZM_161_A1_F03	ZM_161_A1_F03_T7C	
75219	ZM_161_A1_F04	ZM_161_A1_F04_T7C	
75220	ZM_161_A1_F04		ZM_161_A1_F04_MR
75221	ZM_161_A1_F05	ZM_161_A1_F05_T7C	
75222	ZM_161_A1_F05		ZM_161_A1_F05_MR
75223	ZM_161_A1_F06	ZM_161_A1_F06_T7C	
75224	ZM_161_A1_F06		ZM_161_A1_F06_MR
75225	ZM_161_A1_F07	ZM_161_A1_F07_T7C	
75226	ZM_161_A1_F07		ZM_161_A1_F07_MR
75227	ZM_161_A1_F08	ZM_161_A1_F08_T7C	
75228	ZM_161_A1_F08		ZM_161_A1_F08_MR
75229	ZM_161_A1_F09	ZM_161_A1_F09_T7C	
75230	ZM_161_A1_F09		ZM_161_A1_F09_MR
75231	ZM_161_A1_F10	ZM_161_A1_F10_T7C	
75232	ZM_161_A1_F10		ZM_161_A1_F10_MR
75233	ZM_161_A1_F11	ZM_161_A1_F11_T7C	
75234	ZM_161_A1_F11		ZM_161_A1_F11_MR
75235	ZM_161_A1_F12	ZM_161_A1_F12_T7C	
75236	ZM_161_A1_F12		ZM_161_A1_F12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75237	ZM_161_A1_G01		ZM_161_A1_G01_MR
75238	ZM_161_A1_G02	ZM_161_A1_G02_T7C	
75239	ZM_161_A1_G02		ZM_161_A1_G02_MR
75240	ZM_161_A1_G03	ZM_161_A1_G03_T7C	
75241	ZM_161_A1_G03		ZM_161_A1_G03_MR
75242	ZM_161_A1_G04	ZM_161_A1_G04_T7C	
75243	ZM_161_A1_G04		ZM_161_A1_G04_MR
75244	ZM_161_A1_G05	ZM_161_A1_G05_T7C	
75245	ZM_161_A1_G05		ZM_161_A1_G05_MR
75246	ZM_161_A1_G06	ZM_161_A1_G06_T7C	
75247	ZM_161_A1_G06		ZM_161_A1_G06_MR
75248	ZM_161_A1_G07	ZM_161_A1_G07_T7C	
75249	ZM_161_A1_G07		ZM_161_A1_G07_MR
75250	ZM_161_A1_G08	ZM_161_A1_G08_T7C	
75251	ZM_161_A1_G08		ZM_161_A1_G08_MR
75252	ZM_161_A1_G09	ZM_161_A1_G09_T7C	
75253	ZM_161_A1_G09		ZM_161_A1_G09_MR
75254	ZM_161_A1_G10	ZM_161_A1_G10_T7C	
75255	ZM_161_A1_G10		ZM_161_A1_G10_MR
75256	ZM_161_A1_G11	ZM_161_A1_G11_T7C	
75257	ZM_161_A1_G11		ZM_161_A1_G11_MR
75258	ZM_161_A1_G12	ZM_161_A1_G12_T7C	
75259	ZM_161_A1_G12		ZM_161_A1_G12_MR
75260	ZM_161_A1_H01	ZM_161_A1_H01_T7C	
75261	ZM_161_A1_H01		ZM_161_A1_H01_MR
75262	ZM_161_A1_H02	ZM_161_A1_H02_T7C	
75263	ZM_161_A1_H02		ZM_161_A1_H02_MR
75264	ZM_161_A1_H03	ZM_161_A1_H03_T7C	
75265	ZM_161_A1_H03		ZM_161_A1_H03_MR
75266	ZM_161_A1_H04	ZM_161_A1_H04_T7C	
75267	ZM_161_A1_H04		ZM_161_A1_H04_MR
75268	ZM_161_A1_H05	ZM_161_A1_H05_T7C	
75269	ZM_161_A1_H05		ZM_161_A1_H05_MR
75270	ZM_161_A1_H06	ZM_161_A1_H06_T7C	
75271	ZM_161_A1_H06		ZM_161_A1_H06_MR
75272	ZM_161_A1_H10	ZM_161_A1_H10_T7C	
75273	ZM_161_A1_H10		ZM_161_A1_H10_MR
75274	ZM_161_A1_H12	ZM_161_A1_H12_T7C	
75275	ZM_161_B1_A01		ZM_161_B1_A01_MR
75276	ZM_161_B1_A02		ZM_161_B1_A02_MR
75277	ZM_161_B1_A03		ZM_161_B1_A03_MR
75278	ZM_161_B1_A04		ZM_161_B1_A04_MR
75279	ZM_161_B1_A05		ZM_161_B1_A05_MR
75280	ZM_161_B1_A06		ZM_161_B1_A06_MR
75281	ZM_161_B1_A07		ZM_161_B1_A07_MR
75282	ZM_161_B1_A08		ZM_161_B1_A08_MR
75283	ZM_161_B1_A09		ZM_161_B1_A09_MR
75284	ZM_161_B1_A10		ZM_161_B1_A10_MR
75285	ZM_161_B1_A11		ZM_161_B1_A11_MR
75286	ZM_161_B1_A12		ZM_161_B1_A12_MR
75287	ZM_161_B1_B01		ZM_161_B1_B01_MR
75288	ZM_161_B1_B02		ZM_161_B1_B02_MR
75289	ZM_161_B1_B03		ZM_161_B1_B03_MR
75290	ZM_161_B1_B04		ZM_161_B1_B04_MR
75291	ZM_161_B1_B05		ZM_161_B1_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75292	ZM_161_B1_B06		ZM_161_B1_B06_MR
75293	ZM_161_B1_B07		ZM_161_B1_B07_MR
75294	ZM_161_B1_B08		ZM_161_B1_B08_MR
75295	ZM_161_B1_B09		ZM_161_B1_B09_MR
75296	ZM_161_B1_B10		ZM_161_B1_B10_MR
75297	ZM_161_B1_B11		ZM_161_B1_B11_MR
75298	ZM_161_B1_B12		ZM_161_B1_B12_MR
75299	ZM_161_B1_C01		ZM_161_B1_C01_MR
75300	ZM_161_B1_C02		ZM_161_B1_C02_MR
75301	ZM_161_B1_C03		ZM_161_B1_C03_MR
75302	ZM_161_B1_C04		ZM_161_B1_C04_MR
75303	ZM_161_B1_C05		ZM_161_B1_C05_MR
75304	ZM_161_B1_C06		ZM_161_B1_C06_MR
75305	ZM_161_B1_C07		ZM_161_B1_C07_MR
75306	ZM_161_B1_C08		ZM_161_B1_C08_MR
75307	ZM_161_B1_C09		ZM_161_B1_C09_MR
75308	ZM_161_B1_C10		ZM_161_B1_C10_MR
75309	ZM_161_B1_C11		ZM_161_B1_C11_MR
75310	ZM_161_B1_C12		ZM_161_B1_C12_MR
75311	ZM_161_B1_D01		ZM_161_B1_D01_MR
75312	ZM_161_B1_D02		ZM_161_B1_D02_MR
75313	ZM_161_B1_D03		ZM_161_B1_D03_MR
75314	ZM_161_B1_D04		ZM_161_B1_D04_MR
75315	ZM_161_B1_D05		ZM_161_B1_D05_MR
75316	ZM_161_B1_D06		ZM_161_B1_D06_MR
75317	ZM_161_B1_D07		ZM_161_B1_D07_MR
75318	ZM_161_B1_D08		ZM_161_B1_D08_MR
75319	ZM_161_B1_D09		ZM_161_B1_D09_MR
75320	ZM_161_B1_D10		ZM_161_B1_D10_MR
75321	ZM_161_B1_D11		ZM_161_B1_D11_MR
75322	ZM_161_B1_E02		ZM_161_B1_E02_MR
75323	ZM_161_B1_E03		ZM_161_B1_E03_MR
75324	ZM_161_B1_E04		ZM_161_B1_E04_MR
75325	ZM_161_B1_E06		ZM_161_B1_E06_MR
75326	ZM_161_B1_E07		ZM_161_B1_E07_MR
75327	ZM_161_B1_E09		ZM_161_B1_E09_MR
75328	ZM_161_B1_E10		ZM_161_B1_E10_MR
75329	ZM_161_B1_E11		ZM_161_B1_E11_MR
75330	ZM_161_B1_E12		ZM_161_B1_E12_MR
75331	ZM_161_B1_F01		ZM_161_B1_F01_MR
75332	ZM_161_B1_F02		ZM_161_B1_F02_MR
75333	ZM_161_B1_F03		ZM_161_B1_F03_MR
75334	ZM_161_B1_F04		ZM_161_B1_F04_MR
75335	ZM_161_B1_F05		ZM_161_B1_F05_MR
75336	ZM_161_B1_F07		ZM_161_B1_F07_MR
75337	ZM_161_B1_F08		ZM_161_B1_F08_MR
75338	ZM_161_B1_F09		ZM_161_B1_F09_MR
75339	ZM_161_B1_F10		ZM_161_B1_F10_MR
75340	ZM_161_B1_F11		ZM_161_B1_F11_MR
75341	ZM_161_B1_F12		ZM_161_B1_F12_MR
75342	ZM_161_B1_G02		ZM_161_B1_G02_MR
75343	ZM_161_B1_G03		ZM_161_B1_G03_MR
75344	ZM_161_B1_G04		ZM_161_B1_G04_MR
75345	ZM_161_B1_G05		ZM_161_B1_G05_MR
75346	ZM_161_B1_G06		ZM_161_B1_G06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75347	ZM_161_B1_G07		ZM_161_B1_G07_MR
75348	ZM_161_B1_G08		ZM_161_B1_G08_MR
75349	ZM_161_B1_G09		ZM_161_B1_G09_MR
75350	ZM_161_B1_G10		ZM_161_B1_G10_MR
75351	ZM_161_B1_G11		ZM_161_B1_G11_MR
75352	ZM_161_B1_G12		ZM_161_B1_G12_MR
75353	ZM_161_B1_H01		ZM_161_B1_H01_MR
75354	ZM_161_B1_H02		ZM_161_B1_H02_MR
75355	ZM_161_B1_H03		ZM_161_B1_H03_MR
75356	ZM_161_B1_H04		ZM_161_B1_H04_MR
75357	ZM_161_B1_H06		ZM_161_B1_H06_MR
75358	ZM_161_B1_H07		ZM_161_B1_H07_MR
75359	ZM_161_B1_H08		ZM_161_B1_H08_MR
75360	ZM_161_B1_H09		ZM_161_B1_H09_MR
75361	ZM_161_B1_H10		ZM_161_B1_H10_MR
75362	ZM_161_B1_H11		ZM_161_B1_H11_MR
75363	ZM_161_B1_H12		ZM_161_B1_H12_MR
75364	ZM_161_B2_A01	ZM_161_B2_A01_T7C	
75365	ZM_161_B2_A01		ZM_161_B2_A01_MR
75366	ZM_161_B2_A02	ZM_161_B2_A02_T7C	
75367	ZM_161_B2_A02		ZM_161_B2_A02_MR
75368	ZM_161_B2_A03	ZM_161_B2_A03_T7C	
75369	ZM_161_B2_A03		ZM_161_B2_A03_MR
75370	ZM_161_B2_A04	ZM_161_B2_A04_T7C	
75371	ZM_161_B2_A05	ZM_161_B2_A05_T7C	
75372	ZM_161_B2_A05		ZM_161_B2_A05_MR
75373	ZM_161_B2_A06	ZM_161_B2_A06_T7C	
75374	ZM_161_B2_A06		ZM_161_B2_A06_MR
75375	ZM_161_B2_A07	ZM_161_B2_A07_T7C	
75376	ZM_161_B2_A07		ZM_161_B2_A07_MR
75377	ZM_161_B2_A08	ZM_161_B2_A08_T7C	
75378	ZM_161_B2_A08		ZM_161_B2_A08_MR
75379	ZM_161_B2_A09	ZM_161_B2_A09_T7C	
75380	ZM_161_B2_A09		ZM_161_B2_A09_MR
75381	ZM_161_B2_A10	ZM_161_B2_A10_T7C	
75382	ZM_161_B2_A10		ZM_161_B2_A10_MR
75383	ZM_161_B2_A11	ZM_161_B2_A11_T7C	
75384	ZM_161_B2_A11		ZM_161_B2_A11_MR
75385	ZM_161_B2_A12	ZM_161_B2_A12_T7C	
75386	ZM_161_B2_B01	ZM_161_B2_B01_T7C	
75387	ZM_161_B2_B01		ZM_161_B2_B01_MR
75388	ZM_161_B2_B02	ZM_161_B2_B02_T7C	
75389	ZM_161_B2_B02		ZM_161_B2_B02_MR
75390	ZM_161_B2_B03	ZM_161_B2_B03_T7C	
75391	ZM_161_B2_B03		ZM_161_B2_B03_MR
75392	ZM_161_B2_B04	ZM_161_B2_B04_T7C	
75393	ZM_161_B2_B04		ZM_161_B2_B04_MR
75394	ZM_161_B2_B05	ZM_161_B2_B05_T7C	
75395	ZM_161_B2_B05		ZM_161_B2_B05_MR
75396	ZM_161_B2_B06	ZM_161_B2_B06_T7C	
75397	ZM_161_B2_B06		ZM_161_B2_B06_MR
75398	ZM_161_B2_B07	ZM_161_B2_B07_T7C	
75399	ZM_161_B2_B07		ZM_161_B2_B07_MR
75400	ZM_161_B2_B08	ZM_161_B2_B08_T7C	
75401	ZM_161_B2_B08		ZM_161_B2_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75402	ZM_161_B2_B09	ZM_161_B2_B09_T7C	
75403	ZM_161_B2_B09		ZM_161_B2_B09_MR
75404	ZM_161_B2_B10	ZM_161_B2_B10_T7C	
75405	ZM_161_B2_B10		ZM_161_B2_B10_MR
75406	ZM_161_B2_B11	ZM_161_B2_B11_T7C	
75407	ZM_161_B2_B11		ZM_161_B2_B11_MR
75408	ZM_161_B2_B12	ZM_161_B2_B12_T7C	
75409	ZM_161_B2_B12		ZM_161_B2_B12_MR
75410	ZM_161_B2_C01	ZM_161_B2_C01_T7C	
75411	ZM_161_B2_C01		ZM_161_B2_C01_MR
75412	ZM_161_B2_C02	ZM_161_B2_C02_T7C	
75413	ZM_161_B2_C02		ZM_161_B2_C02_MR
75414	ZM_161_B2_C03	ZM_161_B2_C03_T7C	
75415	ZM_161_B2_C03		ZM_161_B2_C03_MR
75416	ZM_161_B2_C04	ZM_161_B2_C04_T7C	
75417	ZM_161_B2_C04		ZM_161_B2_C04_MR
75418	ZM_161_B2_C05	ZM_161_B2_C05_T7C	
75419	ZM_161_B2_C05		ZM_161_B2_C05_MR
75420	ZM_161_B2_C06	ZM_161_B2_C06_T7C	
75421	ZM_161_B2_C07	ZM_161_B2_C07_T7C	
75422	ZM_161_B2_C07		ZM_161_B2_C07_MR
75423	ZM_161_B2_C08	ZM_161_B2_C08_T7C	
75424	ZM_161_B2_C08		ZM_161_B2_C08_MR
75425	ZM_161_B2_C09	ZM_161_B2_C09_T7C	
75426	ZM_161_B2_C09		ZM_161_B2_C09_MR
75427	ZM_161_B2_C10	ZM_161_B2_C10_T7C	
75428	ZM_161_B2_C10		ZM_161_B2_C10_MR
75429	ZM_161_B2_C11	ZM_161_B2_C11_T7C	
75430	ZM_161_B2_C11		ZM_161_B2_C11_MR
75431	ZM_161_B2_C12	ZM_161_B2_C12_T7C	
75432	ZM_161_B2_C12		ZM_161_B2_C12_MR
75433	ZM_161_B2_D02	ZM_161_B2_D02_T7C	
75434	ZM_161_B2_D02		ZM_161_B2_D02_MR
75435	ZM_161_B2_D03	ZM_161_B2_D03_T7C	
75436	ZM_161_B2_D03		ZM_161_B2_D03_MR
75437	ZM_161_B2_D04	ZM_161_B2_D04_T7C	
75438	ZM_161_B2_D04		ZM_161_B2_D04_MR
75439	ZM_161_B2_D05	ZM_161_B2_D05_T7C	
75440	ZM_161_B2_D05		ZM_161_B2_D05_MR
75441	ZM_161_B2_D06	ZM_161_B2_D06_T7C	
75442	ZM_161_B2_D06		ZM_161_B2_D06_MR
75443	ZM_161_B2_D07	ZM_161_B2_D07_T7C	
75444	ZM_161_B2_D07		ZM_161_B2_D07_MR
75445	ZM_161_B2_D08	ZM_161_B2_D08_T7C	
75446	ZM_161_B2_D08		ZM_161_B2_D08_MR
75447	ZM_161_B2_D09	ZM_161_B2_D09_T7C	
75448	ZM_161_B2_D09		ZM_161_B2_D09_MR
75449	ZM_161_B2_D10	ZM_161_B2_D10_T7C	
75450	ZM_161_B2_D10		ZM_161_B2_D10_MR
75451	ZM_161_B2_D11	ZM_161_B2_D11_T7C	
75452	ZM_161_B2_D12	ZM_161_B2_D12_T7C	
75453	ZM_161_B2_D12		ZM_161_B2_D12_MR
75454	ZM_161_B2_E01	ZM_161_B2_E01_T7C	
75455	ZM_161_B2_E01		ZM_161_B2_E01_MR
75456	ZM_161_B2_E02	ZM_161_B2_E02_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75457	ZM_161_B2_E02		ZM_161_B2_E02_MR
75458	ZM_161_B2_E03	ZM_161_B2_E03_T7C	
75459	ZM_161_B2_E03		ZM_161_B2_E03_MR
75460	ZM_161_B2_E04	ZM_161_B2_E04_T7C	
75461	ZM_161_B2_E04		ZM_161_B2_E04_MR
75462	ZM_161_B2_E05	ZM_161_B2_E05_T7C	
75463	ZM_161_B2_E05		ZM_161_B2_E05_MR
75464	ZM_161_B2_E06	ZM_161_B2_E06_T7C	
75465	ZM_161_B2_E07	ZM_161_B2_E07_T7C	
75466	ZM_161_B2_E07		ZM_161_B2_E07_MR
75467	ZM_161_B2_E08	ZM_161_B2_E08_T7C	
75468	ZM_161_B2_E08		ZM_161_B2_E08_MR
75469	ZM_161_B2_E09	ZM_161_B2_E09_T7C	
75470	ZM_161_B2_E09		ZM_161_B2_E09_MR
75471	ZM_161_B2_E10	ZM_161_B2_E10_T7C	
75472	ZM_161_B2_E10		ZM_161_B2_E10_MR
75473	ZM_161_B2_E11	ZM_161_B2_E11_T7C	
75474	ZM_161_B2_E11		ZM_161_B2_E11_MR
75475	ZM_161_B2_E12	ZM_161_B2_E12_T7C	
75476	ZM_161_B2_E12		ZM_161_B2_E12_MR
75477	ZM_161_B2_F01	ZM_161_B2_F01_T7C	
75478	ZM_161_B2_F01		ZM_161_B2_F01_MR
75479	ZM_161_B2_F02	ZM_161_B2_F02_T7C	
75480	ZM_161_B2_F02		ZM_161_B2_F02_MR
75481	ZM_161_B2_F03	ZM_161_B2_F03_T7C	
75482	ZM_161_B2_F03		ZM_161_B2_F03_MR
75483	ZM_161_B2_F04	ZM_161_B2_F04_T7C	
75484	ZM_161_B2_F04		ZM_161_B2_F04_MR
75485	ZM_161_B2_F05	ZM_161_B2_F05_T7C	
75486	ZM_161_B2_F05		ZM_161_B2_F05_MR
75487	ZM_161_B2_F06	ZM_161_B2_F06_T7C	
75488	ZM_161_B2_F06		ZM_161_B2_F06_MR
75489	ZM_161_B2_F07	ZM_161_B2_F07_T7C	
75490	ZM_161_B2_F07		ZM_161_B2_F07_MR
75491	ZM_161_B2_F08	ZM_161_B2_F08_T7C	
75492	ZM_161_B2_F08		ZM_161_B2_F08_MR
75493	ZM_161_B2_F09	ZM_161_B2_F09_T7C	
75494	ZM_161_B2_F10	ZM_161_B2_F10_T7C	
75495	ZM_161_B2_F10		ZM_161_B2_F10_MR
75496	ZM_161_B2_F11	ZM_161_B2_F11_T7C	
75497	ZM_161_B2_F11		ZM_161_B2_F11_MR
75498	ZM_161_B2_F12	ZM_161_B2_F12_T7C	
75499	ZM_161_B2_F12		ZM_161_B2_F12_MR
75500	ZM_161_B2_G01	ZM_161_B2_G01_T7C	
75501	ZM_161_B2_G01		ZM_161_B2_G01_MR
75502	ZM_161_B2_G02		ZM_161_B2_G02_MR
75503	ZM_161_B2_G03	ZM_161_B2_G03_T7C	
75504	ZM_161_B2_G03		ZM_161_B2_G03_MR
75505	ZM_161_B2_G04	ZM_161_B2_G04_T7C	
75506	ZM_161_B2_G04		ZM_161_B2_G04_MR
75507	ZM_161_B2_G05	ZM_161_B2_G05_T7C	
75508	ZM_161_B2_G05		ZM_161_B2_G05_MR
75509	ZM_161_B2_G06	ZM_161_B2_G06_T7C	
75510	ZM_161_B2_G06		ZM_161_B2_G06_MR
75511	ZM_161_B2_G07	ZM_161_B2_G07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75512	ZM_161_B2_G07		ZM_161_B2_G07_MR
75513	ZM_161_B2_G08	ZM_161_B2_G08_T7C	
75514	ZM_161_B2_G08		ZM_161_B2_G08_MR
75515	ZM_161_B2_G09	ZM_161_B2_G09_T7C	
75516	ZM_161_B2_G09		ZM_161_B2_G09_MR
75517	ZM_161_B2_G10	ZM_161_B2_G10_T7C	
75518	ZM_161_B2_G10		ZM_161_B2_G10_MR
75519	ZM_161_B2_G11	ZM_161_B2_G11_T7C	
75520	ZM_161_B2_G11		ZM_161_B2_G11_MR
75521	ZM_161_B2_G12	ZM_161_B2_G12_T7C	
75522	ZM_161_B2_G12		ZM_161_B2_G12_MR
75523	ZM_161_B2_H01	ZM_161_B2_H01_T7C	
75524	ZM_161_B2_H01		ZM_161_B2_H01_MR
75525	ZM_161_B2_H02	ZM_161_B2_H02_T7C	
75526	ZM_161_B2_H02		ZM_161_B2_H02_MR
75527	ZM_161_B2_H03	ZM_161_B2_H03_T7C	
75528	ZM_161_B2_H03		ZM_161_B2_H03_MR
75529	ZM_161_B2_H04	ZM_161_B2_H04_T7C	
75530	ZM_161_B2_H04		ZM_161_B2_H04_MR
75531	ZM_161_B2_H05	ZM_161_B2_H05_T7C	
75532	ZM_161_B2_H05		ZM_161_B2_H05_MR
75533	ZM_161_B2_H06	ZM_161_B2_H06_T7C	
75534	ZM_161_B2_H06		ZM_161_B2_H06_MR
75535	ZM_161_B2_H07	ZM_161_B2_H07_T7C	
75536	ZM_161_B2_H07		ZM_161_B2_H07_MR
75537	ZM_161_B2_H08	ZM_161_B2_H08_T7C	
75538	ZM_161_B2_H08		ZM_161_B2_H08_MR
75539	ZM_161_B2_H09	ZM_161_B2_H09_T7C	
75540	ZM_161_B2_H09		ZM_161_B2_H09_MR
75541	ZM_161_B2_H10	ZM_161_B2_H10_T7C	
75542	ZM_161_B2_H10		ZM_161_B2_H10_MR
75543	ZM_161_B2_H11		ZM_161_B2_H11_MR
75544	ZM_161_B2_H12	ZM_161_B2_H12_T7C	
75545	ZM_161_B2_H12		ZM_161_B2_H12_MR
75546	ZM_162_A1_A01		ZM_162_A1_A01_MR
75547	ZM_162_A1_A02	ZM_162_A1_A02_T7C	
75548	ZM_162_A1_A02		ZM_162_A1_A02_MR
75549	ZM_162_A1_A03	ZM_162_A1_A03_T7C	
75550	ZM_162_A1_A03		ZM_162_A1_A03_MR
75551	ZM_162_A1_A04	ZM_162_A1_A04_T7C	
75552	ZM_162_A1_A04		ZM_162_A1_A04_MR
75553	ZM_162_A1_A05	ZM_162_A1_A05_T7C	
75554	ZM_162_A1_A05		ZM_162_A1_A05_MR
75555	ZM_162_A1_A06	ZM_162_A1_A06_T7C	
75556	ZM_162_A1_A06		ZM_162_A1_A06_MR
75557	ZM_162_A1_A07	ZM_162_A1_A07_T7C	
75558	ZM_162_A1_A07		ZM_162_A1_A07_MR
75559	ZM_162_A1_A08	ZM_162_A1_A08_T7C	
75560	ZM_162_A1_A08		ZM_162_A1_A08_MR
75561	ZM_162_A1_A09	ZM_162_A1_A09_T7C	
75562	ZM_162_A1_A09		ZM_162_A1_A09_MR
75563	ZM_162_A1_A10	ZM_162_A1_A10_T7C	
75564	ZM_162_A1_A10		ZM_162_A1_A10_MR
75565	ZM_162_A1_A11	ZM_162_A1_A11_T7C	
75566	ZM_162_A1_A11		ZM_162_A1_A11_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75567	ZM_162_A1_A12	ZM_162_A1_A12_T7C	
75568	ZM_162_A1_A12		ZM_162_A1_A12_MR
75569	ZM_162_A1_B01	ZM_162_A1_B01_T7C	
75570	ZM_162_A1_B01		ZM_162_A1_B01_MR
75571	ZM_162_A1_B02	ZM_162_A1_B02_T7C	
75572	ZM_162_A1_B02		ZM_162_A1_B02_MR
75573	ZM_162_A1_B03	ZM_162_A1_B03_T7C	
75574	ZM_162_A1_B03		ZM_162_A1_B03_MR
75575	ZM_162_A1_B04	ZM_162_A1_B04_T7C	
75576	ZM_162_A1_B04		ZM_162_A1_B04_MR
75577	ZM_162_A1_B05	ZM_162_A1_B05_T7C	
75578	ZM_162_A1_B05		ZM_162_A1_B05_MR
75579	ZM_162_A1_B06		ZM_162_A1_B06_MR
75580	ZM_162_A1_B07	ZM_162_A1_B07_T7C	
75581	ZM_162_A1_B07		ZM_162_A1_B07_MR
75582	ZM_162_A1_B08	ZM_162_A1_B08_T7C	
75583	ZM_162_A1_B08		ZM_162_A1_B08_MR
75584	ZM_162_A1_B09	ZM_162_A1_B09_T7C	
75585	ZM_162_A1_B09		ZM_162_A1_B09_MR
75586	ZM_162_A1_B10	ZM_162_A1_B10_T7C	
75587	ZM_162_A1_B10		ZM_162_A1_B10_MR
75588	ZM_162_A1_B11	ZM_162_A1_B11_T7C	
75589	ZM_162_A1_B11		ZM_162_A1_B11_MR
75590	ZM_162_A1_B12	ZM_162_A1_B12_T7C	
75591	ZM_162_A1_B12		ZM_162_A1_B12_MR
75592	ZM_162_A1_C01	ZM_162_A1_C01_T7C	
75593	ZM_162_A1_C01		ZM_162_A1_C01_MR
75594	ZM_162_A1_C02	ZM_162_A1_C02_T7C	
75595	ZM_162_A1_C02		ZM_162_A1_C02_MR
75596	ZM_162_A1_C03	ZM_162_A1_C03_T7C	
75597	ZM_162_A1_C03		ZM_162_A1_C03_MR
75598	ZM_162_A1_C04	ZM_162_A1_C04_T7C	
75599	ZM_162_A1_C04		ZM_162_A1_C04_MR
75600	ZM_162_A1_C05	ZM_162_A1_C05_T7C	
75601	ZM_162_A1_C05		ZM_162_A1_C05_MR
75602	ZM_162_A1_C06	ZM_162_A1_C06_T7C	
75603	ZM_162_A1_C06		ZM_162_A1_C06_MR
75604	ZM_162_A1_C07	ZM_162_A1_C07_T7C	
75605	ZM_162_A1_C07		ZM_162_A1_C07_MR
75606	ZM_162_A1_C08	ZM_162_A1_C08_T7C	
75607	ZM_162_A1_C08		ZM_162_A1_C08_MR
75608	ZM_162_A1_C09	ZM_162_A1_C09_T7C	
75609	ZM_162_A1_C09		ZM_162_A1_C09_MR
75610	ZM_162_A1_C10	ZM_162_A1_C10_T7C	
75611	ZM_162_A1_C10		ZM_162_A1_C10_MR
75612	ZM_162_A1_C11	ZM_162_A1_C11_T7C	
75613	ZM_162_A1_C11		ZM_162_A1_C11_MR
75614	ZM_162_A1_C12	ZM_162_A1_C12_T7C	
75615	ZM_162_A1_C12		ZM_162_A1_C12_MR
75616	ZM_162_A1_D01	ZM_162_A1_D01_T7C	
75617	ZM_162_A1_D01		ZM_162_A1_D01_MR
75618	ZM_162_A1_D02	ZM_162_A1_D02_T7C	
75619	ZM_162_A1_D02		ZM_162_A1_D02_MR
75620	ZM_162_A1_D03	ZM_162_A1_D03_T7C	
75621	ZM_162_A1_D03		ZM_162_A1_D03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75622	ZM_162_A1_D04	ZM_162_A1_D04_T7C	
75623	ZM_162_A1_D04		ZM_162_A1_D04_MR
75624	ZM_162_A1_D05		ZM_162_A1_D05_MR
75625	ZM_162_A1_D06	ZM_162_A1_D06_T7C	
75626	ZM_162_A1_D07	ZM_162_A1_D07_T7C	
75627	ZM_162_A1_D07		ZM_162_A1_D07_MR
75628	ZM_162_A1_D08	ZM_162_A1_D08_T7C	
75629	ZM_162_A1_D08		ZM_162_A1_D08_MR
75630	ZM_162_A1_D09	ZM_162_A1_D09_T7C	
75631	ZM_162_A1_D09		ZM_162_A1_D09_MR
75632	ZM_162_A1_D10	ZM_162_A1_D10_T7C	
75633	ZM_162_A1_D10		ZM_162_A1_D10_MR
75634	ZM_162_A1_D11	ZM_162_A1_D11_T7C	
75635	ZM_162_A1_D11		ZM_162_A1_D11_MR
75636	ZM_162_A1_D12	ZM_162_A1_D12_T7C	
75637	ZM_162_A1_D12		ZM_162_A1_D12_MR
75638	ZM_162_A1_E01	ZM_162_A1_E01_T7C	
75639	ZM_162_A1_E01		ZM_162_A1_E01_MR
75640	ZM_162_A1_E02	ZM_162_A1_E02_T7C	
75641	ZM_162_A1_E02		ZM_162_A1_E02_MR
75642	ZM_162_A1_E03	ZM_162_A1_E03_T7C	
75643	ZM_162_A1_E03		ZM_162_A1_E03_MR
75644	ZM_162_A1_E04	ZM_162_A1_E04_T7C	
75645	ZM_162_A1_E04		ZM_162_A1_E04_MR
75646	ZM_162_A1_E05	ZM_162_A1_E05_T7C	
75647	ZM_162_A1_E05		ZM_162_A1_E05_MR
75648	ZM_162_A1_E06	ZM_162_A1_E06_T7C	
75649	ZM_162_A1_E06		ZM_162_A1_E06_MR
75650	ZM_162_A1_E07	ZM_162_A1_E07_T7C	
75651	ZM_162_A1_E07		ZM_162_A1_E07_MR
75652	ZM_162_A1_E08	ZM_162_A1_E08_T7C	
75653	ZM_162_A1_E08		ZM_162_A1_E08_MR
75654	ZM_162_A1_E09	ZM_162_A1_E09_T7C	
75655	ZM_162_A1_E09		ZM_162_A1_E09_MR
75656	ZM_162_A1_E10	ZM_162_A1_E10_T7C	
75657	ZM_162_A1_E10		ZM_162_A1_E10_MR
75658	ZM_162_A1_E11	ZM_162_A1_E11_T7C	
75659	ZM_162_A1_E11		ZM_162_A1_E11_MR
75660	ZM_162_A1_E12	ZM_162_A1_E12_T7C	
75661	ZM_162_A1_F01	ZM_162_A1_F01_T7C	
75662	ZM_162_A1_F01		ZM_162_A1_F01_MR
75663	ZM_162_A1_F02	ZM_162_A1_F02_T7C	
75664	ZM_162_A1_F02		ZM_162_A1_F02_MR
75665	ZM_162_A1_F03	ZM_162_A1_F03_T7C	
75666	ZM_162_A1_F03		ZM_162_A1_F03_MR
75667	ZM_162_A1_F04	ZM_162_A1_F04_T7C	
75668	ZM_162_A1_F04		ZM_162_A1_F04_MR
75669	ZM_162_A1_F05	ZM_162_A1_F05_T7C	
75670	ZM_162_A1_F05		ZM_162_A1_F05_MR
75671	ZM_162_A1_F06		ZM_162_A1_F06_MR
75672	ZM_162_A1_F07	ZM_162_A1_F07_T7C	
75673	ZM_162_A1_F07		ZM_162_A1_F07_MR
75674	ZM_162_A1_F08	ZM_162_A1_F08_T7C	
75675	ZM_162_A1_F08		ZM_162_A1_F08_MR
75676	ZM_162_A1_F09	ZM_162_A1_F09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75677	ZM_162_A1_F09		ZM_162_A1_F09_MR
75678	ZM_162_A1_F10		ZM_162_A1_F10_MR
75679	ZM_162_A1_F11	ZM_162_A1_F11_T7C	
75680	ZM_162_A1_F11		ZM_162_A1_F11_MR
75681	ZM_162_A1_F12	ZM_162_A1_F12_T7C	
75682	ZM_162_A1_F12		ZM_162_A1_F12_MR
75683	ZM_162_A1_G01	ZM_162_A1_G01_T7C	
75684	ZM_162_A1_G01		ZM_162_A1_G01_MR
75685	ZM_162_A1_G02	ZM_162_A1_G02_T7C	
75686	ZM_162_A1_G02		ZM_162_A1_G02_MR
75687	ZM_162_A1_G03	ZM_162_A1_G03_T7C	
75688	ZM_162_A1_G04	ZM_162_A1_G04_T7C	
75689	ZM_162_A1_G04		ZM_162_A1_G04_MR
75690	ZM_162_A1_G05	ZM_162_A1_G05_T7C	
75691	ZM_162_A1_G05		ZM_162_A1_G05_MR
75692	ZM_162_A1_G06	ZM_162_A1_G06_T7C	
75693	ZM_162_A1_G06		ZM_162_A1_G06_MR
75694	ZM_162_A1_G07	ZM_162_A1_G07_T7C	
75695	ZM_162_A1_G07		ZM_162_A1_G07_MR
75696	ZM_162_A1_G08	ZM_162_A1_G08_T7C	
75697	ZM_162_A1_G08		ZM_162_A1_G08_MR
75698	ZM_162_A1_G09	ZM_162_A1_G09_T7C	
75699	ZM_162_A1_G09		ZM_162_A1_G09_MR
75700	ZM_162_A1_G10	ZM_162_A1_G10_T7C	
75701	ZM_162_A1_G10		ZM_162_A1_G10_MR
75702	ZM_162_A1_G11	ZM_162_A1_G11_T7C	
75703	ZM_162_A1_G11		ZM_162_A1_G11_MR
75704	ZM_162_A1_G12	ZM_162_A1_G12_T7C	
75705	ZM_162_A1_G12		ZM_162_A1_G12_MR
75706	ZM_162_A1_H01	ZM_162_A1_H01_T7C	
75707	ZM_162_A1_H01		ZM_162_A1_H01_MR
75708	ZM_162_A1_H02	ZM_162_A1_H02_T7C	
75709	ZM_162_A1_H02		ZM_162_A1_H02_MR
75710	ZM_162_A1_H03	ZM_162_A1_H03_T7C	
75711	ZM_162_A1_H03		ZM_162_A1_H03_MR
75712	ZM_162_A1_H04	ZM_162_A1_H04_T7C	
75713	ZM_162_A1_H04		ZM_162_A1_H04_MR
75714	ZM_162_A1_H05		ZM_162_A1_H05_MR
75715	ZM_162_A1_H06		ZM_162_A1_H06_MR
75716	ZM_162_A1_H07		ZM_162_A1_H07_MR
75717	ZM_162_A1_H08	ZM_162_A1_H08_T7C	
75718	ZM_162_A1_H08		ZM_162_A1_H08_MR
75719	ZM_162_A1_H09	ZM_162_A1_H09_T7C	
75720	ZM_162_A1_H09		ZM_162_A1_H09_MR
75721	ZM_162_A1_H10	ZM_162_A1_H10_T7C	
75722	ZM_162_A1_H10		ZM_162_A1_H10_MR
75723	ZM_162_A1_H11	ZM_162_A1_H11_T7C	
75724	ZM_162_A1_H11		ZM_162_A1_H11_MR
75725	ZM_162_A1_H12	ZM_162_A1_H12_T7C	
75726	ZM_162_A1_H12		ZM_162_A1_H12_MR
75727	ZM_162_A2_A03	ZM_162_A2_A03_T7C	
75728	ZM_162_A2_A08	ZM_162_A2_A08_T7C	
75729	ZM_162_A2_A09	ZM_162_A2_A09_T7C	
75730	ZM_162_A2_B01	ZM_162_A2_B01_T7C	
75731	ZM_162_A2_B05	ZM_162_A2_B05_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75732	ZM_162_A2_B09	ZM_162_A2_B09_T7C	
75733	ZM_162_A2_B10	ZM_162_A2_B10_T7C	
75734	ZM_162_A2_B11	ZM_162_A2_B11_T7C	
75735	ZM_162_A2_B12	ZM_162_A2_B12_T7C	
75736	ZM_162_A2_C01	ZM_162_A2_C01_T7C	
75737	ZM_162_A2_C02	ZM_162_A2_C02_T7C	
75738	ZM_162_A2_C03	ZM_162_A2_C03_T7C	
75739	ZM_162_A2_C05	ZM_162_A2_C05_T7C	
75740	ZM_162_A2_C07	ZM_162_A2_C07_T7C	
75741	ZM_162_A2_C08	ZM_162_A2_C08_T7C	
75742	ZM_162_A2_C10	ZM_162_A2_C10_T7C	
75743	ZM_162_A2_C11	ZM_162_A2_C11_T7C	
75744	ZM_162_A2_C12	ZM_162_A2_C12_T7C	
75745	ZM_162_A2_D01	ZM_162_A2_D01_T7C	
75746	ZM_162_A2_D02	ZM_162_A2_D02_T7C	
75747	ZM_162_A2_D03	ZM_162_A2_D03_T7C	
75748	ZM_162_A2_D04	ZM_162_A2_D04_T7C	
75749	ZM_162_A2_D05	ZM_162_A2_D05_T7C	
75750	ZM_162_A2_D07	ZM_162_A2_D07_T7C	
75751	ZM_162_A2_D08	ZM_162_A2_D08_T7C	
75752	ZM_162_A2_D09	ZM_162_A2_D09_T7C	
75753	ZM_162_A2_D10	ZM_162_A2_D10_T7C	
75754	ZM_162_A2_D11	ZM_162_A2_D11_T7C	
75755	ZM_162_A2_D12	ZM_162_A2_D12_T7C	
75756	ZM_162_A2_E01	ZM_162_A2_E01_T7C	
75757	ZM_162_A2_E02	ZM_162_A2_E02_T7C	
75758	ZM_162_A2_E03	ZM_162_A2_E03_T7C	
75759	ZM_162_A2_E04	ZM_162_A2_E04_T7C	
75760	ZM_162_A2_E06	ZM_162_A2_E06_T7C	
75761	ZM_162_A2_E07	ZM_162_A2_E07_T7C	
75762	ZM_162_A2_E08	ZM_162_A2_E08_T7C	
75763	ZM_162_A2_E09	ZM_162_A2_E09_T7C	
75764	ZM_162_A2_E10	ZM_162_A2_E10_T7C	
75765	ZM_162_A2_E11	ZM_162_A2_E11_T7C	
75766	ZM_162_A2_F01	ZM_162_A2_F01_T7C	
75767	ZM_162_A2_F02	ZM_162_A2_F02_T7C	
75768	ZM_162_A2_F03	ZM_162_A2_F03_T7C	
75769	ZM_162_A2_F04	ZM_162_A2_F04_T7C	
75770	ZM_162_A2_F06	ZM_162_A2_F06_T7C	
75771	ZM_162_A2_F07	ZM_162_A2_F07_T7C	
75772	ZM_162_A2_F11	ZM_162_A2_F11_T7C	
75773	ZM_162_A2_F12	ZM_162_A2_F12_T7C	
75774	ZM_162_A2_G01	ZM_162_A2_G01_T7C	
75775	ZM_162_A2_G02	ZM_162_A2_G02_T7C	
75776	ZM_162_A2_G03	ZM_162_A2_G03_T7C	
75777	ZM_162_A2_G06	ZM_162_A2_G06_T7C	
75778	ZM_162_A2_G09	ZM_162_A2_G09_T7C	
75779	ZM_162_A2_G10	ZM_162_A2_G10_T7C	
75780	ZM_162_A2_G11	ZM_162_A2_G11_T7C	
75781	ZM_162_A2_H01	ZM_162_A2_H01_T7C	
75782	ZM_162_A2_H03	ZM_162_A2_H03_T7C	
75783	ZM_162_A2_H04	ZM_162_A2_H04_T7C	
75784	ZM_162_A2_H05	ZM_162_A2_H05_T7C	
75785	ZM_162_A2_H06	ZM_162_A2_H06_T7C	
75786	ZM_162_A2_H07	ZM_162_A2_H07_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75787	ZM_162_A2_H09	ZM_162_A2_H09_T7C	
75788	ZM_162_A2_H10	ZM_162_A2_H10_T7C	
75789	ZM_162_A2_H11	ZM_162_A2_H11_T7C	
75790	ZM_162_A2_H12	ZM_162_A2_H12_T7C	
75791	ZM_162_B1_A01	ZM_162_B1_A01_T7C	
75792	ZM_162_B1_A02	ZM_162_B1_A02_T7C	
75793	ZM_162_B1_A04	ZM_162_B1_A04_T7C	
75794	ZM_162_B1_A06	ZM_162_B1_A06_T7C	
75795	ZM_162_B1_A07	ZM_162_B1_A07_T7C	
75796	ZM_162_B1_A09	ZM_162_B1_A09_T7C	
75797	ZM_162_B1_A10	ZM_162_B1_A10_T7C	
75798	ZM_162_B1_A11	ZM_162_B1_A11_T7C	
75799	ZM_162_B1_A12	ZM_162_B1_A12_T7C	
75800	ZM_162_B1_B01	ZM_162_B1_B01_T7C	
75801	ZM_162_B1_B02	ZM_162_B1_B02_T7C	
75802	ZM_162_B1_B03	ZM_162_B1_B03_T7C	
75803	ZM_162_B1_B04	ZM_162_B1_B04_T7C	
75804	ZM_162_B1_B06	ZM_162_B1_B06_T7C	
75805	ZM_162_B1_B07	ZM_162_B1_B07_T7C	
75806	ZM_162_B1_B08	ZM_162_B1_B08_T7C	
75807	ZM_162_B1_B09	ZM_162_B1_B09_T7C	
75808	ZM_162_B1_B10	ZM_162_B1_B10_T7C	
75809	ZM_162_B1_B11	ZM_162_B1_B11_T7C	
75810	ZM_162_B1_B12	ZM_162_B1_B12_T7C	
75811	ZM_162_B1_C01	ZM_162_B1_C01_T7C	
75812	ZM_162_B1_C02	ZM_162_B1_C02_T7C	
75813	ZM_162_B1_C03	ZM_162_B1_C03_T7C	
75814	ZM_162_B1_C04	ZM_162_B1_C04_T7C	
75815	ZM_162_B1_C06	ZM_162_B1_C06_T7C	
75816	ZM_162_B1_C07	ZM_162_B1_C07_T7C	
75817	ZM_162_B1_C08	ZM_162_B1_C08_T7C	
75818	ZM_162_B1_C09	ZM_162_B1_C09_T7C	
75819	ZM_162_B1_C10	ZM_162_B1_C10_T7C	
75820	ZM_162_B1_C12	ZM_162_B1_C12_T7C	
75821	ZM_162_B1_D01	ZM_162_B1_D01_T7C	
75822	ZM_162_B1_D02	ZM_162_B1_D02_T7C	
75823	ZM_162_B1_D03	ZM_162_B1_D03_T7C	
75824	ZM_162_B1_D04	ZM_162_B1_D04_T7C	
75825	ZM_162_B1_D05	ZM_162_B1_D05_T7C	
75826	ZM_162_B1_D06	ZM_162_B1_D06_T7C	
75827	ZM_162_B1_D07	ZM_162_B1_D07_T7C	
75828	ZM_162_B1_D08	ZM_162_B1_D08_T7C	
75829	ZM_162_B1_D09	ZM_162_B1_D09_T7C	
75830	ZM_162_B1_D10	ZM_162_B1_D10_T7C	
75831	ZM_162_B1_D11	ZM_162_B1_D11_T7C	
75832	ZM_162_B1_D12	ZM_162_B1_D12_T7C	
75833	ZM_162_B1_E01	ZM_162_B1_E01_T7C	
75834	ZM_162_B1_E02	ZM_162_B1_E02_T7C	
75835	ZM_162_B1_E03	ZM_162_B1_E03_T7C	
75836	ZM_162_B1_E04	ZM_162_B1_E04_T7C	
75837	ZM_162_B1_E05	ZM_162_B1_E05_T7C	
75838	ZM_162_B1_E07	ZM_162_B1_E07_T7C	
75839	ZM_162_B1_E08	ZM_162_B1_E08_T7C	
75840	ZM_162_B1_E09	ZM_162_B1_E09_T7C	
75841	ZM_162_B1_E10	ZM_162_B1_E10_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75842	ZM_162_B1_E11	ZM_162_B1_E11_T7C	
75843	ZM_162_B1_E12	ZM_162_B1_E12_T7C	
75844	ZM_162_B1_F01	ZM_162_B1_F01_T7C	
75845	ZM_162_B1_F02	ZM_162_B1_F02_T7C	
75846	ZM_162_B1_F03	ZM_162_B1_F03_T7C	
75847	ZM_162_B1_F05	ZM_162_B1_F05_T7C	
75848	ZM_162_B1_F06	ZM_162_B1_F06_T7C	
75849	ZM_162_B1_F07	ZM_162_B1_F07_T7C	
75850	ZM_162_B1_F09	ZM_162_B1_F09_T7C	
75851	ZM_162_B1_F10	ZM_162_B1_F10_T7C	
75852	ZM_162_B1_F11	ZM_162_B1_F11_T7C	
75853	ZM_162_B1_F12	ZM_162_B1_F12_T7C	
75854	ZM_162_B1_G01	ZM_162_B1_G01_T7C	
75855	ZM_162_B1_G02	ZM_162_B1_G02_T7C	
75856	ZM_162_B1_G03	ZM_162_B1_G03_T7C	
75857	ZM_162_B1_G04	ZM_162_B1_G04_T7C	
75858	ZM_162_B1_G05	ZM_162_B1_G05_T7C	
75859	ZM_162_B1_G06	ZM_162_B1_G06_T7C	
75860	ZM_162_B1_G07	ZM_162_B1_G07_T7C	
75861	ZM_162_B1_G08	ZM_162_B1_G08_T7C	
75862	ZM_162_B1_G09	ZM_162_B1_G09_T7C	
75863	ZM_162_B1_G10	ZM_162_B1_G10_T7C	
75864	ZM_162_B1_G12	ZM_162_B1_G12_T7C	
75865	ZM_162_B1_H01	ZM_162_B1_H01_T7C	
75866	ZM_162_B1_H02	ZM_162_B1_H02_T7C	
75867	ZM_162_B1_H04	ZM_162_B1_H04_T7C	
75868	ZM_162_B1_H05	ZM_162_B1_H05_T7C	
75869	ZM_162_B1_H06	ZM_162_B1_H06_T7C	
75870	ZM_162_B1_H07	ZM_162_B1_H07_T7C	
75871	ZM_162_B1_H08	ZM_162_B1_H08_T7C	
75872	ZM_162_B1_H09	ZM_162_B1_H09_T7C	
75873	ZM_162_B1_H10	ZM_162_B1_H10_T7C	
75874	ZM_162_B1_H11	ZM_162_B1_H11_T7C	
75875	ZM_162_B1_H12	ZM_162_B1_H12_T7C	
75876	ZM_162_B2_A02	ZM_162_B2_A02_T7C	
75877	ZM_162_B2_A04	ZM_162_B2_A04_T7C	
75878	ZM_162_B2_A05	ZM_162_B2_A05_T7C	
75879	ZM_162_B2_A06	ZM_162_B2_A06_T7C	
75880	ZM_162_B2_A08	ZM_162_B2_A08_T7C	
75881	ZM_162_B2_A09	ZM_162_B2_A09_T7C	
75882	ZM_162_B2_A10	ZM_162_B2_A10_T7C	
75883	ZM_162_B2_A11	ZM_162_B2_A11_T7C	
75884	ZM_162_B2_A12	ZM_162_B2_A12_T7C	
75885	ZM_162_B2_B01	ZM_162_B2_B01_T7C	
75886	ZM_162_B2_B02	ZM_162_B2_B02_T7C	
75887	ZM_162_B2_B03	ZM_162_B2_B03_T7C	
75888	ZM_162_B2_B05	ZM_162_B2_B05_T7C	
75889	ZM_162_B2_B06	ZM_162_B2_B06_T7C	
75890	ZM_162_B2_B08	ZM_162_B2_B08_T7C	
75891	ZM_162_B2_B09	ZM_162_B2_B09_T7C	
75892	ZM_162_B2_B11	ZM_162_B2_B11_T7C	
75893	ZM_162_B2_B12	ZM_162_B2_B12_T7C	
75894	ZM_162_B2_C01	ZM_162_B2_C01_T7C	
75895	ZM_162_B2_C02	ZM_162_B2_C02_T7C	
75896	ZM_162_B2_C03	ZM_162_B2_C03_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75897	ZM_162_B2_C05	ZM_162_B2_C05_T7C	
75898	ZM_162_B2_C06	ZM_162_B2_C06_T7C	
75899	ZM_162_B2_C07	ZM_162_B2_C07_T7C	
75900	ZM_162_B2_C08	ZM_162_B2_C08_T7C	
75901	ZM_162_B2_C09	ZM_162_B2_C09_T7C	
75902	ZM_162_B2_C11	ZM_162_B2_C11_T7C	
75903	ZM_162_B2_C12	ZM_162_B2_C12_T7C	
75904	ZM_162_B2_D02	ZM_162_B2_D02_T7C	
75905	ZM_162_B2_D05	ZM_162_B2_D05_T7C	
75906	ZM_162_B2_D06	ZM_162_B2_D06_T7C	
75907	ZM_162_B2_D08	ZM_162_B2_D08_T7C	
75908	ZM_162_B2_D09	ZM_162_B2_D09_T7C	
75909	ZM_162_B2_D11	ZM_162_B2_D11_T7C	
75910	ZM_162_B2_E01	ZM_162_B2_E01_T7C	
75911	ZM_162_B2_E03	ZM_162_B2_E03_T7C	
75912	ZM_162_B2_E04	ZM_162_B2_E04_T7C	
75913	ZM_162_B2_E08	ZM_162_B2_E08_T7C	
75914	ZM_162_B2_E09	ZM_162_B2_E09_T7C	
75915	ZM_162_B2_E10	ZM_162_B2_E10_T7C	
75916	ZM_162_B2_E11	ZM_162_B2_E11_T7C	
75917	ZM_162_B2_F01	ZM_162_B2_F01_T7C	
75918	ZM_162_B2_F03	ZM_162_B2_F03_T7C	
75919	ZM_162_B2_F05	ZM_162_B2_F05_T7C	
75920	ZM_162_B2_F06	ZM_162_B2_F06_T7C	
75921	ZM_162_B2_F08	ZM_162_B2_F08_T7C	
75922	ZM_162_B2_F09	ZM_162_B2_F09_T7C	
75923	ZM_162_B2_F10	ZM_162_B2_F10_T7C	
75924	ZM_162_B2_F12	ZM_162_B2_F12_T7C	
75925	ZM_162_B2_G02	ZM_162_B2_G02_T7C	
75926	ZM_162_B2_G03	ZM_162_B2_G03_T7C	
75927	ZM_162_B2_G05	ZM_162_B2_G05_T7C	
75928	ZM_162_B2_G06	ZM_162_B2_G06_T7C	
75929	ZM_162_B2_G08	ZM_162_B2_G08_T7C	
75930	ZM_162_B2_G09	ZM_162_B2_G09_T7C	
75931	ZM_162_B2_G11	ZM_162_B2_G11_T7C	
75932	ZM_162_B2_H03	ZM_162_B2_H03_T7C	
75933	ZM_162_B2_H05	ZM_162_B2_H05_T7C	
75934	ZM_162_B2_H06	ZM_162_B2_H06_T7C	
75935	ZM_162_B2_H09	ZM_162_B2_H09_T7C	
75936	ZM_162_B2_H10	ZM_162_B2_H10_T7C	
75937	ZM_162_B2_H11	ZM_162_B2_H11_T7C	
75938	ZM_162_B2_H12	ZM_162_B2_H12_T7C	
75939	ZM_163_B1_A01	ZM_163_B1_A01_T7C	
75940	ZM_163_B1_A01		ZM_163_B1_A01_MR
75941	ZM_163_B1_A02	ZM_163_B1_A02_T7C	
75942	ZM_163_B1_A02		ZM_163_B1_A02_MR
75943	ZM_163_B1_A03		ZM_163_B1_A03_MR
75944	ZM_163_B1_A04	ZM_163_B1_A04_T7C	
75945	ZM_163_B1_A04		ZM_163_B1_A04_MR
75946	ZM_163_B1_A05		ZM_163_B1_A05_MR
75947	ZM_163_B1_A06	ZM_163_B1_A06_T7C	
75948	ZM_163_B1_A06		ZM_163_B1_A06_MR
75949	ZM_163_B1_A07	ZM_163_B1_A07_T7C	
75950	ZM_163_B1_A07		ZM_163_B1_A07_MR
75951	ZM_163_B1_A09	ZM_163_B1_A09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
75952	ZM_163_B1_A09		ZM_163_B1_A09_MR
75953	ZM_163_B1_A10	ZM_163_B1_A10_T7C	
75954	ZM_163_B1_A10		ZM_163_B1_A10_MR
75955	ZM_163_B1_A11	ZM_163_B1_A11_T7C	
75956	ZM_163_B1_A11		ZM_163_B1_A11_MR
75957	ZM_163_B1_A12	ZM_163_B1_A12_T7C	
75958	ZM_163_B1_A12		ZM_163_B1_A12_MR
75959	ZM_163_B1_B01	ZM_163_B1_B01_T7C	
75960	ZM_163_B1_B01		ZM_163_B1_B01_MR
75961	ZM_163_B1_B02		ZM_163_B1_B02_MR
75962	ZM_163_B1_B03	ZM_163_B1_B03_T7C	
75963	ZM_163_B1_B03		ZM_163_B1_B03_MR
75964	ZM_163_B1_B04	ZM_163_B1_B04_T7C	
75965	ZM_163_B1_B04		ZM_163_B1_B04_MR
75966	ZM_163_B1_B05	ZM_163_B1_B05_T7C	
75967	ZM_163_B1_B05		ZM_163_B1_B05_MR
75968	ZM_163_B1_B06	ZM_163_B1_B06_T7C	
75969	ZM_163_B1_B06		ZM_163_B1_B06_MR
75970	ZM_163_B1_B07	ZM_163_B1_B07_T7C	
75971	ZM_163_B1_B09	ZM_163_B1_B09_T7C	
75972	ZM_163_B1_B09		ZM_163_B1_B09_MR
75973	ZM_163_B1_B10	ZM_163_B1_B10_T7C	
75974	ZM_163_B1_B10		ZM_163_B1_B10_MR
75975	ZM_163_B1_B11	ZM_163_B1_B11_T7C	
75976	ZM_163_B1_B11		ZM_163_B1_B11_MR
75977	ZM_163_B1_B12	ZM_163_B1_B12_T7C	
75978	ZM_163_B1_B12		ZM_163_B1_B12_MR
75979	ZM_163_B1_C01	ZM_163_B1_C01_T7C	
75980	ZM_163_B1_C01		ZM_163_B1_C01_MR
75981	ZM_163_B1_C02	ZM_163_B1_C02_T7C	
75982	ZM_163_B1_C02		ZM_163_B1_C02_MR
75983	ZM_163_B1_C03	ZM_163_B1_C03_T7C	
75984	ZM_163_B1_C03		ZM_163_B1_C03_MR
75985	ZM_163_B1_C04	ZM_163_B1_C04_T7C	
75986	ZM_163_B1_C04		ZM_163_B1_C04_MR
75987	ZM_163_B1_C05	ZM_163_B1_C05_T7C	
75988	ZM_163_B1_C05		ZM_163_B1_C05_MR
75989	ZM_163_B1_C06	ZM_163_B1_C06_T7C	
75990	ZM_163_B1_C06		ZM_163_B1_C06_MR
75991	ZM_163_B1_C07	ZM_163_B1_C07_T7C	
75992	ZM_163_B1_C07		ZM_163_B1_C07_MR
75993	ZM_163_B1_C08	ZM_163_B1_C08_T7C	
75994	ZM_163_B1_C08		ZM_163_B1_C08_MR
75995	ZM_163_B1_C09	ZM_163_B1_C09_T7C	
75996	ZM_163_B1_C09		ZM_163_B1_C09_MR
75997	ZM_163_B1_C10	ZM_163_B1_C10_T7C	
75998	ZM_163_B1_C10		ZM_163_B1_C10_MR
75999	ZM_163_B1_C11	ZM_163_B1_C11_T7C	
76000	ZM_163_B1_C11		ZM_163_B1_C11_MR
76001	ZM_163_B1_C12	ZM_163_B1_C12_T7C	
76002	ZM_163_B1_C12		ZM_163_B1_C12_MR
76003	ZM_163_B1_D01	ZM_163_B1_D01_T7C	
76004	ZM_163_B1_D01		ZM_163_B1_D01_MR
76005	ZM_163_B1_D02	ZM_163_B1_D02_T7C	
76006	ZM_163_B1_D02		ZM_163_B1_D02_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76007	ZM_163_B1_D03	ZM_163_B1_D03_T7C	
76008	ZM_163_B1_D04	ZM_163_B1_D04_T7C	
76009	ZM_163_B1_D04		ZM_163_B1_D04_MR
76010	ZM_163_B1_D05	ZM_163_B1_D05_T7C	
76011	ZM_163_B1_D05		ZM_163_B1_D05_MR
76012	ZM_163_B1_D06	ZM_163_B1_D06_T7C	
76013	ZM_163_B1_D06		ZM_163_B1_D06_MR
76014	ZM_163_B1_D07	ZM_163_B1_D07_T7C	
76015	ZM_163_B1_D07		ZM_163_B1_D07_MR
76016	ZM_163_B1_D08	ZM_163_B1_D08_T7C	
76017	ZM_163_B1_D08		ZM_163_B1_D08_MR
76018	ZM_163_B1_D09	ZM_163_B1_D09_T7C	
76019	ZM_163_B1_D09		ZM_163_B1_D09_MR
76020	ZM_163_B1_D10	ZM_163_B1_D10_T7C	
76021	ZM_163_B1_D10		ZM_163_B1_D10_MR
76022	ZM_163_B1_D11	ZM_163_B1_D11_T7C	
76023	ZM_163_B1_D11		ZM_163_B1_D11_MR
76024	ZM_163_B1_D12	ZM_163_B1_D12_T7C	
76025	ZM_163_B1_D12		ZM_163_B1_D12_MR
76026	ZM_163_B1_E01	ZM_163_B1_E01_T7C	
76027	ZM_163_B1_E01		ZM_163_B1_E01_MR
76028	ZM_163_B1_E02	ZM_163_B1_E02_T7C	
76029	ZM_163_B1_E02		ZM_163_B1_E02_MR
76030	ZM_163_B1_E03		ZM_163_B1_E03_MR
76031	ZM_163_B1_E04	ZM_163_B1_E04_T7C	
76032	ZM_163_B1_E04		ZM_163_B1_E04_MR
76033	ZM_163_B1_E05	ZM_163_B1_E05_T7C	
76034	ZM_163_B1_E05		ZM_163_B1_E05_MR
76035	ZM_163_B1_E06	ZM_163_B1_E06_T7C	
76036	ZM_163_B1_E06		ZM_163_B1_E06_MR
76037	ZM_163_B1_E07	ZM_163_B1_E07_T7C	
76038	ZM_163_B1_E07		ZM_163_B1_E07_MR
76039	ZM_163_B1_E08	ZM_163_B1_E08_T7C	
76040	ZM_163_B1_E08		ZM_163_B1_E08_MR
76041	ZM_163_B1_E09	ZM_163_B1_E09_T7C	
76042	ZM_163_B1_E09		ZM_163_B1_E09_MR
76043	ZM_163_B1_E10		ZM_163_B1_E10_MR
76044	ZM_163_B1_E12	ZM_163_B1_E12_T7C	
76045	ZM_163_B1_E12		ZM_163_B1_E12_MR
76046	ZM_163_B1_F01	ZM_163_B1_F01_T7C	
76047	ZM_163_B1_F01		ZM_163_B1_F01_MR
76048	ZM_163_B1_F04	ZM_163_B1_F04_T7C	
76049	ZM_163_B1_F04		ZM_163_B1_F04_MR
76050	ZM_163_B1_F05	ZM_163_B1_F05_T7C	
76051	ZM_163_B1_F05		ZM_163_B1_F05_MR
76052	ZM_163_B1_F06	ZM_163_B1_F06_T7C	
76053	ZM_163_B1_F06		ZM_163_B1_F06_MR
76054	ZM_163_B1_F07	ZM_163_B1_F07_T7C	
76055	ZM_163_B1_F07		ZM_163_B1_F07_MR
76056	ZM_163_B1_F08	ZM_163_B1_F08_T7C	
76057	ZM_163_B1_F08		ZM_163_B1_F08_MR
76058	ZM_163_B1_F09	ZM_163_B1_F09_T7C	
76059	ZM_163_B1_F09		ZM_163_B1_F09_MR
76060	ZM_163_B1_F10	ZM_163_B1_F10_T7C	
76061	ZM_163_B1_F10		ZM_163_B1_F10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76062	ZM_163_B1_F11	ZM_163_B1_F11_T7C	
76063	ZM_163_B1_F11		ZM_163_B1_F11_MR
76064	ZM_163_B1_F12	ZM_163_B1_F12_T7C	
76065	ZM_163_B1_F12		ZM_163_B1_F12_MR
76066	ZM_163_B1_G01	ZM_163_B1_G01_T7C	
76067	ZM_163_B1_G01		ZM_163_B1_G01_MR
76068	ZM_163_B1_G02	ZM_163_B1_G02_T7C	
76069	ZM_163_B1_G02		ZM_163_B1_G02_MR
76070	ZM_163_B1_G03		ZM_163_B1_G03_MR
76071	ZM_163_B1_G04		ZM_163_B1_G04_MR
76072	ZM_163_B1_G05	ZM_163_B1_G05_T7C	
76073	ZM_163_B1_G05		ZM_163_B1_G05_MR
76074	ZM_163_B1_G06	ZM_163_B1_G06_T7C	
76075	ZM_163_B1_G06		ZM_163_B1_G06_MR
76076	ZM_163_B1_G07	ZM_163_B1_G07_T7C	
76077	ZM_163_B1_G07		ZM_163_B1_G07_MR
76078	ZM_163_B1_G08	ZM_163_B1_G08_T7C	
76079	ZM_163_B1_G08		ZM_163_B1_G08_MR
76080	ZM_163_B1_G09	ZM_163_B1_G09_T7C	
76081	ZM_163_B1_G10	ZM_163_B1_G10_T7C	
76082	ZM_163_B1_G10		ZM_163_B1_G10_MR
76083	ZM_163_B1_G11	ZM_163_B1_G11_T7C	
76084	ZM_163_B1_G11		ZM_163_B1_G11_MR
76085	ZM_163_B1_G12	ZM_163_B1_G12_T7C	
76086	ZM_163_B1_H01	ZM_163_B1_H01_T7C	
76087	ZM_163_B1_H01		ZM_163_B1_H01_MR
76088	ZM_163_B1_H02	ZM_163_B1_H02_T7C	
76089	ZM_163_B1_H02		ZM_163_B1_H02_MR
76090	ZM_163_B1_H03	ZM_163_B1_H03_T7C	
76091	ZM_163_B1_H03		ZM_163_B1_H03_MR
76092	ZM_163_B1_H04	ZM_163_B1_H04_T7C	
76093	ZM_163_B1_H04		ZM_163_B1_H04_MR
76094	ZM_163_B1_H05	ZM_163_B1_H05_T7C	
76095	ZM_163_B1_H05		ZM_163_B1_H05_MR
76096	ZM_163_B1_H06	ZM_163_B1_H06_T7C	
76097	ZM_163_B1_H06		ZM_163_B1_H06_MR
76098	ZM_163_B1_H07	ZM_163_B1_H07_T7C	
76099	ZM_163_B1_H07		ZM_163_B1_H07_MR
76100	ZM_163_B1_H08	ZM_163_B1_H08_T7C	
76101	ZM_163_B1_H08		ZM_163_B1_H08_MR
76102	ZM_163_B1_H09	ZM_163_B1_H09_T7C	
76103	ZM_163_B1_H09		ZM_163_B1_H09_MR
76104	ZM_163_B1_H10	ZM_163_B1_H10_T7C	
76105	ZM_163_B1_H10		ZM_163_B1_H10_MR
76106	ZM_163_B1_H11	ZM_163_B1_H11_T7C	
76107	ZM_163_B1_H11		ZM_163_B1_H11_MR
76108	ZM_163_B1_H12	ZM_163_B1_H12_T7C	
76109	ZM_163_B1_H12		ZM_163_B1_H12_MR
76110	ZM_163_B2_A01	ZM_163_B2_A01_T7C	
76111	ZM_163_B2_A07	ZM_163_B2_A07_T7C	
76112	ZM_163_B2_A07		ZM_163_B2_A07_MR
76113	ZM_163_B2_A08		ZM_163_B2_A08_MR
76114	ZM_163_B2_A10	ZM_163_B2_A10_T7C	
76115	ZM_163_B2_A10		ZM_163_B2_A10_MR
76116	ZM_163_B2_A11	ZM_163_B2_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76117	ZM_163_B2_A11		ZM_163_B2_A11_MR
76118	ZM_163_B2_A12	ZM_163_B2_A12_T7C	
76119	ZM_163_B2_B01	ZM_163_B2_B01_T7C	
76120	ZM_163_B2_B02	ZM_163_B2_B02_T7C	
76121	ZM_163_B2_B02		ZM_163_B2_B02_MR
76122	ZM_163_B2_B03		ZM_163_B2_B03_MR
76123	ZM_163_B2_B04	ZM_163_B2_B04_T7C	
76124	ZM_163_B2_B04		ZM_163_B2_B04_MR
76125	ZM_163_B2_B05	ZM_163_B2_B05_T7C	
76126	ZM_163_B2_B06		ZM_163_B2_B06_MR
76127	ZM_163_B2_B07	ZM_163_B2_B07_T7C	
76128	ZM_163_B2_B08	ZM_163_B2_B08_T7C	
76129	ZM_163_B2_B09	ZM_163_B2_B09_T7C	
76130	ZM_163_B2_B10		ZM_163_B2_B10_MR
76131	ZM_163_B2_B12	ZM_163_B2_B12_T7C	
76132	ZM_163_B2_B12		ZM_163_B2_B12_MR
76133	ZM_163_B2_C01	ZM_163_B2_C01_T7C	
76134	ZM_163_B2_C01		ZM_163_B2_C01_MR
76135	ZM_163_B2_C03		ZM_163_B2_C03_MR
76136	ZM_163_B2_C04	ZM_163_B2_C04_T7C	
76137	ZM_163_B2_C04		ZM_163_B2_C04_MR
76138	ZM_163_B2_C05	ZM_163_B2_C05_T7C	
76139	ZM_163_B2_C05		ZM_163_B2_C05_MR
76140	ZM_163_B2_C06	ZM_163_B2_C06_T7C	
76141	ZM_163_B2_C07	ZM_163_B2_C07_T7C	
76142	ZM_163_B2_C07		ZM_163_B2_C07_MR
76143	ZM_163_B2_C08	ZM_163_B2_C08_T7C	
76144	ZM_163_B2_C08		ZM_163_B2_C08_MR
76145	ZM_163_B2_C09	ZM_163_B2_C09_T7C	
76146	ZM_163_B2_C09		ZM_163_B2_C09_MR
76147	ZM_163_B2_C10		ZM_163_B2_C10_MR
76148	ZM_163_B2_C11	ZM_163_B2_C11_T7C	
76149	ZM_163_B2_C11		ZM_163_B2_C11_MR
76150	ZM_163_B2_D01	ZM_163_B2_D01_T7C	
76151	ZM_163_B2_D02	ZM_163_B2_D02_T7C	
76152	ZM_163_B2_D02		ZM_163_B2_D02_MR
76153	ZM_163_B2_D03		ZM_163_B2_D03_MR
76154	ZM_163_B2_D04		ZM_163_B2_D04_MR
76155	ZM_163_B2_D05		ZM_163_B2_D05_MR
76156	ZM_163_B2_D06	ZM_163_B2_D06_T7C	
76157	ZM_163_B2_D06		ZM_163_B2_D06_MR
76158	ZM_163_B2_D07		ZM_163_B2_D07_MR
76159	ZM_163_B2_D11		ZM_163_B2_D11_MR
76160	ZM_163_B2_D12	ZM_163_B2_D12_T7C	
76161	ZM_163_B2_E05	ZM_163_B2_E05_T7C	
76162	ZM_163_B2_E05		ZM_163_B2_E05_MR
76163	ZM_163_B2_E07	ZM_163_B2_E07_T7C	
76164	ZM_163_B2_E07		ZM_163_B2_E07_MR
76165	ZM_163_B2_E08		ZM_163_B2_E08_MR
76166	ZM_163_B2_E09		ZM_163_B2_E09_MR
76167	ZM_163_B2_E10		ZM_163_B2_E10_MR
76168	ZM_163_B2_E12	ZM_163_B2_E12_T7C	
76169	ZM_163_B2_F01	ZM_163_B2_F01_T7C	
76170	ZM_163_B2_F02	ZM_163_B2_F02_T7C	
76171	ZM_163_B2_F02		ZM_163_B2_F02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76172	ZM_163_B2_F04		ZM_163_B2_F04_MR
76173	ZM_163_B2_F06	ZM_163_B2_F06_T7C	
76174	ZM_163_B2_F06		ZM_163_B2_F06_MR
76175	ZM_163_B2_F07	ZM_163_B2_F07_T7C	
76176	ZM_163_B2_F07		ZM_163_B2_F07_MR
76177	ZM_163_B2_F08	ZM_163_B2_F08_T7C	
76178	ZM_163_B2_F08		ZM_163_B2_F08_MR
76179	ZM_163_B2_F09	ZM_163_B2_F09_T7C	
76180	ZM_163_B2_F10	ZM_163_B2_F10_T7C	
76181	ZM_163_B2_F10		ZM_163_B2_F10_MR
76182	ZM_163_B2_F11	ZM_163_B2_F11_T7C	
76183	ZM_163_B2_F11		ZM_163_B2_F11_MR
76184	ZM_163_B2_F12	ZM_163_B2_F12_T7C	
76185	ZM_163_B2_G04	ZM_163_B2_G04_T7C	
76186	ZM_163_B2_G04		ZM_163_B2_G04_MR
76187	ZM_163_B2_G05	ZM_163_B2_G05_T7C	
76188	ZM_163_B2_G06		ZM_163_B2_G06_MR
76189	ZM_163_B2_G11		ZM_163_B2_G11_MR
76190	ZM_163_B2_G12	ZM_163_B2_G12_T7C	
76191	ZM_163_B2_H01	ZM_163_B2_H01_T7C	
76192	ZM_163_B2_H03	ZM_163_B2_H03_T7C	
76193	ZM_163_B2_H04	ZM_163_B2_H04_T7C	
76194	ZM_163_B2_H04		ZM_163_B2_H04_MR
76195	ZM_163_B2_H05		ZM_163_B2_H05_MR
76196	ZM_163_B2_H06		ZM_163_B2_H06_MR
76197	ZM_163_B2_H07		ZM_163_B2_H07_MR
76198	ZM_163_B2_H08	ZM_163_B2_H08_T7C	
76199	ZM_163_B2_H08		ZM_163_B2_H08_MR
76200	ZM_163_B2_H09	ZM_163_B2_H09_T7C	
76201	ZM_163_B2_H09		ZM_163_B2_H09_MR
76202	ZM_163_B2_H10	ZM_163_B2_H10_T7C	
76203	ZM_163_B2_H11	ZM_163_B2_H11_T7C	
76204	ZM_163_B2_H11		ZM_163_B2_H11_MR
76205	ZM_163_B2_H12	ZM_163_B2_H12_T7C	
76206	ZM_163_B2_H12		ZM_163_B2_H12_MR
76207	ZM_164_A1_A01		ZM_164_A1_A01_MR
76208	ZM_164_A1_A02	ZM_164_A1_A02_T7C	
76209	ZM_164_A1_A02		ZM_164_A1_A02_MR
76210	ZM_164_A1_A03	ZM_164_A1_A03_T7C	
76211	ZM_164_A1_A03		ZM_164_A1_A03_MR
76212	ZM_164_A1_A04	ZM_164_A1_A04_T7C	
76213	ZM_164_A1_A04		ZM_164_A1_A04_MR
76214	ZM_164_A1_A05	ZM_164_A1_A05_T7C	
76215	ZM_164_A1_A05		ZM_164_A1_A05_MR
76216	ZM_164_A1_A06	ZM_164_A1_A06_T7C	
76217	ZM_164_A1_A06		ZM_164_A1_A06_MR
76218	ZM_164_A1_A07	ZM_164_A1_A07_T7C	
76219	ZM_164_A1_A07		ZM_164_A1_A07_MR
76220	ZM_164_A1_A08	ZM_164_A1_A08_T7C	
76221	ZM_164_A1_A08		ZM_164_A1_A08_MR
76222	ZM_164_A1_A09	ZM_164_A1_A09_T7C	
76223	ZM_164_A1_A09		ZM_164_A1_A09_MR
76224	ZM_164_A1_A10	ZM_164_A1_A10_T7C	
76225	ZM_164_A1_A10		ZM_164_A1_A10_MR
76226	ZM_164_A1_A11	ZM_164_A1_A11_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76227	ZM_164_A1_A11		ZM_164_A1_A11_MR
76228	ZM_164_A1_A12	ZM_164_A1_A12_T7C	
76229	ZM_164_A1_A12		ZM_164_A1_A12_MR
76230	ZM_164_A1_B01		ZM_164_A1_B01_MR
76231	ZM_164_A1_B02	ZM_164_A1_B02_T7C	
76232	ZM_164_A1_B02		ZM_164_A1_B02_MR
76233	ZM_164_A1_B03	ZM_164_A1_B03_T7C	
76234	ZM_164_A1_B03		ZM_164_A1_B03_MR
76235	ZM_164_A1_B04	ZM_164_A1_B04_T7C	
76236	ZM_164_A1_B04		ZM_164_A1_B04_MR
76237	ZM_164_A1_B05	ZM_164_A1_B05_T7C	
76238	ZM_164_A1_B05		ZM_164_A1_B05_MR
76239	ZM_164_A1_B06	ZM_164_A1_B06_T7C	
76240	ZM_164_A1_B06		ZM_164_A1_B06_MR
76241	ZM_164_A1_B07	ZM_164_A1_B07_T7C	
76242	ZM_164_A1_B07		ZM_164_A1_B07_MR
76243	ZM_164_A1_B08	ZM_164_A1_B08_T7C	
76244	ZM_164_A1_B08		ZM_164_A1_B08_MR
76245	ZM_164_A1_B09	ZM_164_A1_B09_T7C	
76246	ZM_164_A1_B10	ZM_164_A1_B10_T7C	
76247	ZM_164_A1_B10		ZM_164_A1_B10_MR
76248	ZM_164_A1_B12	ZM_164_A1_B12_T7C	
76249	ZM_164_A1_B12		ZM_164_A1_B12_MR
76250	ZM_164_A1_C01	ZM_164_A1_C01_T7C	
76251	ZM_164_A1_C01		ZM_164_A1_C01_MR
76252	ZM_164_A1_C02	ZM_164_A1_C02_T7C	
76253	ZM_164_A1_C02		ZM_164_A1_C02_MR
76254	ZM_164_A1_C03	ZM_164_A1_C03_T7C	
76255	ZM_164_A1_C04	ZM_164_A1_C04_T7C	
76256	ZM_164_A1_C05	ZM_164_A1_C05_T7C	
76257	ZM_164_A1_C05		ZM_164_A1_C05_MR
76258	ZM_164_A1_C07	ZM_164_A1_C07_T7C	
76259	ZM_164_A1_C07		ZM_164_A1_C07_MR
76260	ZM_164_A1_C08	ZM_164_A1_C08_T7C	
76261	ZM_164_A1_C08		ZM_164_A1_C08_MR
76262	ZM_164_A1_C09	ZM_164_A1_C09_T7C	
76263	ZM_164_A1_C09		ZM_164_A1_C09_MR
76264	ZM_164_A1_C10	ZM_164_A1_C10_T7C	
76265	ZM_164_A1_C10		ZM_164_A1_C10_MR
76266	ZM_164_A1_C11	ZM_164_A1_C11_T7C	
76267	ZM_164_A1_C11		ZM_164_A1_C11_MR
76268	ZM_164_A1_C12	ZM_164_A1_C12_T7C	
76269	ZM_164_A1_C12		ZM_164_A1_C12_MR
76270	ZM_164_A1_D01	ZM_164_A1_D01_T7C	
76271	ZM_164_A1_D01		ZM_164_A1_D01_MR
76272	ZM_164_A1_D02	ZM_164_A1_D02_T7C	
76273	ZM_164_A1_D02		ZM_164_A1_D02_MR
76274	ZM_164_A1_D03	ZM_164_A1_D03_T7C	
76275	ZM_164_A1_D03		ZM_164_A1_D03_MR
76276	ZM_164_A1_D04	ZM_164_A1_D04_T7C	
76277	ZM_164_A1_D04		ZM_164_A1_D04_MR
76278	ZM_164_A1_D05	ZM_164_A1_D05_T7C	
76279	ZM_164_A1_D05		ZM_164_A1_D05_MR
76280	ZM_164_A1_D06	ZM_164_A1_D06_T7C	
76281	ZM_164_A1_D06		ZM_164_A1_D06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76282	ZM_164_A1_D07	ZM_164_A1_D07_T7C	
76283	ZM_164_A1_D07		ZM_164_A1_D07_MR
76284	ZM_164_A1_D08	ZM_164_A1_D08_T7C	
76285	ZM_164_A1_D08		ZM_164_A1_D08_MR
76286	ZM_164_A1_D09		ZM_164_A1_D09_MR
76287	ZM_164_A1_D10	ZM_164_A1_D10_T7C	
76288	ZM_164_A1_D10		ZM_164_A1_D10_MR
76289	ZM_164_A1_D11	ZM_164_A1_D11_T7C	
76290	ZM_164_A1_D11		ZM_164_A1_D11_MR
76291	ZM_164_A1_D12	ZM_164_A1_D12_T7C	
76292	ZM_164_A1_D12		ZM_164_A1_D12_MR
76293	ZM_164_A1_E01	ZM_164_A1_E01_T7C	
76294	ZM_164_A1_E01		ZM_164_A1_E01_MR
76295	ZM_164_A1_E02	ZM_164_A1_E02_T7C	
76296	ZM_164_A1_E02		ZM_164_A1_E02_MR
76297	ZM_164_A1_E03	ZM_164_A1_E03_T7C	
76298	ZM_164_A1_E03		ZM_164_A1_E03_MR
76299	ZM_164_A1_E04	ZM_164_A1_E04_T7C	
76300	ZM_164_A1_E04		ZM_164_A1_E04_MR
76301	ZM_164_A1_E05	ZM_164_A1_E05_T7C	
76302	ZM_164_A1_E05		ZM_164_A1_E05_MR
76303	ZM_164_A1_E06		ZM_164_A1_E06_MR
76304	ZM_164_A1_E07	ZM_164_A1_E07_T7C	
76305	ZM_164_A1_E07		ZM_164_A1_E07_MR
76306	ZM_164_A1_E08	ZM_164_A1_E08_T7C	
76307	ZM_164_A1_E08		ZM_164_A1_E08_MR
76308	ZM_164_A1_E09	ZM_164_A1_E09_T7C	
76309	ZM_164_A1_E09		ZM_164_A1_E09_MR
76310	ZM_164_A1_E10	ZM_164_A1_E10_T7C	
76311	ZM_164_A1_E10		ZM_164_A1_E10_MR
76312	ZM_164_A1_E11	ZM_164_A1_E11_T7C	
76313	ZM_164_A1_E11		ZM_164_A1_E11_MR
76314	ZM_164_A1_E12	ZM_164_A1_E12_T7C	
76315	ZM_164_A1_E12		ZM_164_A1_E12_MR
76316	ZM_164_A1_F01	ZM_164_A1_F01_T7C	
76317	ZM_164_A1_F01		ZM_164_A1_F01_MR
76318	ZM_164_A1_F02	ZM_164_A1_F02_T7C	
76319	ZM_164_A1_F02		ZM_164_A1_F02_MR
76320	ZM_164_A1_F03	ZM_164_A1_F03_T7C	
76321	ZM_164_A1_F03		ZM_164_A1_F03_MR
76322	ZM_164_A1_F05	ZM_164_A1_F05_T7C	
76323	ZM_164_A1_F05		ZM_164_A1_F05_MR
76324	ZM_164_A1_F06	ZM_164_A1_F06_T7C	
76325	ZM_164_A1_F06		ZM_164_A1_F06_MR
76326	ZM_164_A1_F07	ZM_164_A1_F07_T7C	
76327	ZM_164_A1_F07		ZM_164_A1_F07_MR
76328	ZM_164_A1_F08		ZM_164_A1_F08_MR
76329	ZM_164_A1_F09	ZM_164_A1_F09_T7C	
76330	ZM_164_A1_F09		ZM_164_A1_F09_MR
76331	ZM_164_A1_F10	ZM_164_A1_F10_T7C	
76332	ZM_164_A1_F10		ZM_164_A1_F10_MR
76333	ZM_164_A1_F11	ZM_164_A1_F11_T7C	
76334	ZM_164_A1_F12	ZM_164_A1_F12_T7C	
76335	ZM_164_A1_F12		ZM_164_A1_F12_MR
76336	ZM_164_A1_G01	ZM_164_A1_G01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76337	ZM_164_A1_G01		ZM_164_A1_G01_MR
76338	ZM_164_A1_G02	ZM_164_A1_G02_T7C	
76339	ZM_164_A1_G02		ZM_164_A1_G02_MR
76340	ZM_164_A1_G03	ZM_164_A1_G03_T7C	
76341	ZM_164_A1_G03		ZM_164_A1_G03_MR
76342	ZM_164_A1_G04	ZM_164_A1_G04_T7C	
76343	ZM_164_A1_G04		ZM_164_A1_G04_MR
76344	ZM_164_A1_G05	ZM_164_A1_G05_T7C	
76345	ZM_164_A1_G05		ZM_164_A1_G05_MR
76346	ZM_164_A1_G06		ZM_164_A1_G06_MR
76347	ZM_164_A1_G07	ZM_164_A1_G07_T7C	
76348	ZM_164_A1_G07		ZM_164_A1_G07_MR
76349	ZM_164_A1_G08	ZM_164_A1_G08_T7C	
76350	ZM_164_A1_G08		ZM_164_A1_G08_MR
76351	ZM_164_A1_G09	ZM_164_A1_G09_T7C	
76352	ZM_164_A1_G09		ZM_164_A1_G09_MR
76353	ZM_164_A1_G10	ZM_164_A1_G10_T7C	
76354	ZM_164_A1_G10		ZM_164_A1_G10_MR
76355	ZM_164_A1_G11	ZM_164_A1_G11_T7C	
76356	ZM_164_A1_G11		ZM_164_A1_G11_MR
76357	ZM_164_A1_G12	ZM_164_A1_G12_T7C	
76358	ZM_164_A1_G12		ZM_164_A1_G12_MR
76359	ZM_164_A1_H01	ZM_164_A1_H01_T7C	
76360	ZM_164_A1_H01		ZM_164_A1_H01_MR
76361	ZM_164_A1_H02	ZM_164_A1_H02_T7C	
76362	ZM_164_A1_H02		ZM_164_A1_H02_MR
76363	ZM_164_A1_H04	ZM_164_A1_H04_T7C	
76364	ZM_164_A1_H04		ZM_164_A1_H04_MR
76365	ZM_164_A1_H05	ZM_164_A1_H05_T7C	
76366	ZM_164_A1_H05		ZM_164_A1_H05_MR
76367	ZM_164_A1_H06	ZM_164_A1_H06_T7C	
76368	ZM_164_A1_H06		ZM_164_A1_H06_MR
76369	ZM_164_A1_H07	ZM_164_A1_H07_T7C	
76370	ZM_164_A1_H07		ZM_164_A1_H07_MR
76371	ZM_164_A1_H08	ZM_164_A1_H08_T7C	
76372	ZM_164_A1_H08		ZM_164_A1_H08_MR
76373	ZM_164_A1_H09	ZM_164_A1_H09_T7C	
76374	ZM_164_A1_H09		ZM_164_A1_H09_MR
76375	ZM_164_A1_H10		ZM_164_A1_H10_MR
76376	ZM_164_A1_H11		ZM_164_A1_H11_MR
76377	ZM_164_A1_H12	ZM_164_A1_H12_T7C	
76378	ZM_164_A1_H12		ZM_164_A1_H12_MR
76379	ZM_164_A2_A01		ZM_164_A2_A01_MR
76380	ZM_164_A2_A02		ZM_164_A2_A02_MR
76381	ZM_164_A2_A04		ZM_164_A2_A04_MR
76382	ZM_164_A2_A05		ZM_164_A2_A05_MR
76383	ZM_164_A2_A06		ZM_164_A2_A06_MR
76384	ZM_164_A2_A07		ZM_164_A2_A07_MR
76385	ZM_164_A2_A08		ZM_164_A2_A08_MR
76386	ZM_164_A2_B01		ZM_164_A2_B01_MR
76387	ZM_164_A2_B02		ZM_164_A2_B02_MR
76388	ZM_164_A2_B04		ZM_164_A2_B04_MR
76389	ZM_164_A2_B06		ZM_164_A2_B06_MR
76390	ZM_164_A2_B07		ZM_164_A2_B07_MR
76391	ZM_164_A2_B08		ZM_164_A2_B08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76392	ZM_164_A2_B09		ZM_164_A2_B09_MR
76393	ZM_164_A2_B10		ZM_164_A2_B10_MR
76394	ZM_164_A2_B11		ZM_164_A2_B11_MR
76395	ZM_164_A2_B12		ZM_164_A2_B12_MR
76396	ZM_164_A2_C01		ZM_164_A2_C01_MR
76397	ZM_164_A2_C02		ZM_164_A2_C02_MR
76398	ZM_164_A2_C03		ZM_164_A2_C03_MR
76399	ZM_164_A2_C04		ZM_164_A2_C04_MR
76400	ZM_164_A2_C07		ZM_164_A2_C07_MR
76401	ZM_164_A2_C08		ZM_164_A2_C08_MR
76402	ZM_164_A2_C09		ZM_164_A2_C09_MR
76403	ZM_164_A2_C10		ZM_164_A2_C10_MR
76404	ZM_164_A2_C11		ZM_164_A2_C11_MR
76405	ZM_164_A2_C12		ZM_164_A2_C12_MR
76406	ZM_164_A2_D01		ZM_164_A2_D01_MR
76407	ZM_164_A2_D02		ZM_164_A2_D02_MR
76408	ZM_164_A2_D03		ZM_164_A2_D03_MR
76409	ZM_164_A2_D04		ZM_164_A2_D04_MR
76410	ZM_164_A2_D05		ZM_164_A2_D05_MR
76411	ZM_164_A2_D07		ZM_164_A2_D07_MR
76412	ZM_164_A2_D08		ZM_164_A2_D08_MR
76413	ZM_164_A2_D09		ZM_164_A2_D09_MR
76414	ZM_164_A2_D10		ZM_164_A2_D10_MR
76415	ZM_164_A2_D11		ZM_164_A2_D11_MR
76416	ZM_164_A2_D12		ZM_164_A2_D12_MR
76417	ZM_164_A2_E01		ZM_164_A2_E01_MR
76418	ZM_164_A2_E02		ZM_164_A2_E02_MR
76419	ZM_164_A2_E03		ZM_164_A2_E03_MR
76420	ZM_164_A2_E06		ZM_164_A2_E06_MR
76421	ZM_164_A2_E07		ZM_164_A2_E07_MR
76422	ZM_164_A2_E08		ZM_164_A2_E08_MR
76423	ZM_164_A2_F01		ZM_164_A2_F01_MR
76424	ZM_164_A2_F02		ZM_164_A2_F02_MR
76425	ZM_164_A2_F03		ZM_164_A2_F03_MR
76426	ZM_164_A2_F04		ZM_164_A2_F04_MR
76427	ZM_164_A2_F05		ZM_164_A2_F05_MR
76428	ZM_164_A2_F06		ZM_164_A2_F06_MR
76429	ZM_164_A2_F07		ZM_164_A2_F07_MR
76430	ZM_164_A2_F08		ZM_164_A2_F08_MR
76431	ZM_164_A2_F09		ZM_164_A2_F09_MR
76432	ZM_164_A2_F10		ZM_164_A2_F10_MR
76433	ZM_164_A2_F11		ZM_164_A2_F11_MR
76434	ZM_164_A2_F12		ZM_164_A2_F12_MR
76435	ZM_164_A2_G01		ZM_164_A2_G01_MR
76436	ZM_164_A2_G02		ZM_164_A2_G02_MR
76437	ZM_164_A2_G04		ZM_164_A2_G04_MR
76438	ZM_164_A2_G09		ZM_164_A2_G09_MR
76439	ZM_164_A2_G11		ZM_164_A2_G11_MR
76440	ZM_164_A2_G12		ZM_164_A2_G12_MR
76441	ZM_164_A2_H01		ZM_164_A2_H01_MR
76442	ZM_164_A2_H04		ZM_164_A2_H04_MR
76443	ZM_164_A2_H05		ZM_164_A2_H05_MR
76444	ZM_164_A2_H08		ZM_164_A2_H08_MR
76445	ZM_164_A2_H09		ZM_164_A2_H09_MR
76446	ZM_164_A2_H11		ZM_164_A2_H11_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76447	ZM_164_A2_H12		ZM_164_A2_H12_MR
76448	ZM_164_B1_A02	ZM_164_B1_A02_T7C	
76449	ZM_164_B1_A04	ZM_164_B1_A04_T7C	
76450	ZM_164_B1_A07	ZM_164_B1_A07_T7C	
76451	ZM_164_B1_A08	ZM_164_B1_A08_T7C	
76452	ZM_164_B1_A10	ZM_164_B1_A10_T7C	
76453	ZM_164_B1_A12	ZM_164_B1_A12_T7C	
76454	ZM_164_B1_B01	ZM_164_B1_B01_T7C	
76455	ZM_164_B1_B02	ZM_164_B1_B02_T7C	
76456	ZM_164_B1_B04	ZM_164_B1_B04_T7C	
76457	ZM_164_B1_B05	ZM_164_B1_B05_T7C	
76458	ZM_164_B1_B06	ZM_164_B1_B06_T7C	
76459	ZM_164_B1_B07	ZM_164_B1_B07_T7C	
76460	ZM_164_B1_B08	ZM_164_B1_B08_T7C	
76461	ZM_164_B1_B09	ZM_164_B1_B09_T7C	
76462	ZM_164_B1_B10	ZM_164_B1_B10_T7C	
76463	ZM_164_B1_B11	ZM_164_B1_B11_T7C	
76464	ZM_164_B1_B12	ZM_164_B1_B12_T7C	
76465	ZM_164_B1_C01	ZM_164_B1_C01_T7C	
76466	ZM_164_B1_C02	ZM_164_B1_C02_T7C	
76467	ZM_164_B1_C03	ZM_164_B1_C03_T7C	
76468	ZM_164_B1_C04	ZM_164_B1_C04_T7C	
76469	ZM_164_B1_C06	ZM_164_B1_C06_T7C	
76470	ZM_164_B1_C07	ZM_164_B1_C07_T7C	
76471	ZM_164_B1_C08	ZM_164_B1_C08_T7C	
76472	ZM_164_B1_C09	ZM_164_B1_C09_T7C	
76473	ZM_164_B1_C10	ZM_164_B1_C10_T7C	
76474	ZM_164_B1_C11	ZM_164_B1_C11_T7C	
76475	ZM_164_B1_C12	ZM_164_B1_C12_T7C	
76476	ZM_164_B1_D01	ZM_164_B1_D01_T7C	
76477	ZM_164_B1_D02	ZM_164_B1_D02_T7C	
76478	ZM_164_B1_D03	ZM_164_B1_D03_T7C	
76479	ZM_164_B1_D04	ZM_164_B1_D04_T7C	
76480	ZM_164_B1_D05	ZM_164_B1_D05_T7C	
76481	ZM_164_B1_D06	ZM_164_B1_D06_T7C	
76482	ZM_164_B1_D07	ZM_164_B1_D07_T7C	
76483	ZM_164_B1_D09	ZM_164_B1_D09_T7C	
76484	ZM_164_B1_D11	ZM_164_B1_D11_T7C	
76485	ZM_164_B1_D12	ZM_164_B1_D12_T7C	
76486	ZM_164_B1_E01	ZM_164_B1_E01_T7C	
76487	ZM_164_B1_E03	ZM_164_B1_E03_T7C	
76488	ZM_164_B1_E04	ZM_164_B1_E04_T7C	
76489	ZM_164_B1_E07	ZM_164_B1_E07_T7C	
76490	ZM_164_B1_E08	ZM_164_B1_E08_T7C	
76491	ZM_164_B1_E10	ZM_164_B1_E10_T7C	
76492	ZM_164_B1_E11	ZM_164_B1_E11_T7C	
76493	ZM_164_B1_E12	ZM_164_B1_E12_T7C	
76494	ZM_164_B1_F01	ZM_164_B1_F01_T7C	
76495	ZM_164_B1_F02	ZM_164_B1_F02_T7C	
76496	ZM_164_B1_F04	ZM_164_B1_F04_T7C	
76497	ZM_164_B1_F05	ZM_164_B1_F05_T7C	
76498	ZM_164_B1_F06	ZM_164_B1_F06_T7C	
76499	ZM_164_B1_F07	ZM_164_B1_F07_T7C	
76500	ZM_164_B1_F08	ZM_164_B1_F08_T7C	
76501	ZM_164_B1_F09	ZM_164_B1_F09_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76502	ZM_164_B1_F10	ZM_164_B1_F10_T7C	
76503	ZM_164_B1_F11	ZM_164_B1_F11_T7C	
76504	ZM_164_B1_F12	ZM_164_B1_F12_T7C	
76505	ZM_164_B1_G01	ZM_164_B1_G01_T7C	
76506	ZM_164_B1_G02	ZM_164_B1_G02_T7C	
76507	ZM_164_B1_G03	ZM_164_B1_G03_T7C	
76508	ZM_164_B1_G04	ZM_164_B1_G04_T7C	
76509	ZM_164_B1_G05	ZM_164_B1_G05_T7C	
76510	ZM_164_B1_G06	ZM_164_B1_G06_T7C	
76511	ZM_164_B1_G07	ZM_164_B1_G07_T7C	
76512	ZM_164_B1_G08	ZM_164_B1_G08_T7C	
76513	ZM_164_B1_G09	ZM_164_B1_G09_T7C	
76514	ZM_164_B1_G10	ZM_164_B1_G10_T7C	
76515	ZM_164_B1_G11	ZM_164_B1_G11_T7C	
76516	ZM_164_B1_G12	ZM_164_B1_G12_T7C	
76517	ZM_164_B1_H01	ZM_164_B1_H01_T7C	
76518	ZM_164_B1_H02	ZM_164_B1_H02_T7C	
76519	ZM_164_B1_H04	ZM_164_B1_H04_T7C	
76520	ZM_164_B1_H05	ZM_164_B1_H05_T7C	
76521	ZM_164_B1_H06	ZM_164_B1_H06_T7C	
76522	ZM_164_B1_H07	ZM_164_B1_H07_T7C	
76523	ZM_164_B1_H08	ZM_164_B1_H08_T7C	
76524	ZM_164_B1_H09	ZM_164_B1_H09_T7C	
76525	ZM_164_B1_H11	ZM_164_B1_H11_T7C	
76526	ZM_164_B1_H12	ZM_164_B1_H12_T7C	
76527	ZM_165_A1_A01		ZM_165_A1_A01_MR
76528	ZM_165_A1_A02		ZM_165_A1_A02_MR
76529	ZM_165_A1_A03		ZM_165_A1_A03_MR
76530	ZM_165_A1_A04		ZM_165_A1_A04_MR
76531	ZM_165_A1_A05		ZM_165_A1_A05_MR
76532	ZM_165_A1_A06		ZM_165_A1_A06_MR
76533	ZM_165_A1_A07		ZM_165_A1_A07_MR
76534	ZM_165_A1_A08		ZM_165_A1_A08_MR
76535	ZM_165_A1_A09		ZM_165_A1_A09_MR
76536	ZM_165_A1_A10		ZM_165_A1_A10_MR
76537	ZM_165_A1_A11		ZM_165_A1_A11_MR
76538	ZM_165_A1_A12		ZM_165_A1_A12_MR
76539	ZM_165_A1_B01		ZM_165_A1_B01_MR
76540	ZM_165_A1_B02		ZM_165_A1_B02_MR
76541	ZM_165_A1_B03		ZM_165_A1_B03_MR
76542	ZM_165_A1_B04		ZM_165_A1_B04_MR
76543	ZM_165_A1_B05		ZM_165_A1_B05_MR
76544	ZM_165_A1_B06		ZM_165_A1_B06_MR
76545	ZM_165_A1_B07		ZM_165_A1_B07_MR
76546	ZM_165_A1_B08		ZM_165_A1_B08_MR
76547	ZM_165_A1_B09		ZM_165_A1_B09_MR
76548	ZM_165_A1_B10		ZM_165_A1_B10_MR
76549	ZM_165_A1_B11		ZM_165_A1_B11_MR
76550	ZM_165_A1_B12		ZM_165_A1_B12_MR
76551	ZM_165_A1_C01		ZM_165_A1_C01_MR
76552	ZM_165_A1_C02		ZM_165_A1_C02_MR
76553	ZM_165_A1_C04		ZM_165_A1_C04_MR
76554	ZM_165_A1_C05		ZM_165_A1_C05_MR
76555	ZM_165_A1_C06		ZM_165_A1_C06_MR
76556	ZM_165_A1_C07		ZM_165_A1_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76557	ZM_165_A1_C09		ZM_165_A1_C09_MR
76558	ZM_165_A1_C11		ZM_165_A1_C11_MR
76559	ZM_165_A1_C12		ZM_165_A1_C12_MR
76560	ZM_165_A1_D01		ZM_165_A1_D01_MR
76561	ZM_165_A1_D02		ZM_165_A1_D02_MR
76562	ZM_165_A1_D03		ZM_165_A1_D03_MR
76563	ZM_165_A1_D04		ZM_165_A1_D04_MR
76564	ZM_165_A1_D05		ZM_165_A1_D05_MR
76565	ZM_165_A1_D06		ZM_165_A1_D06_MR
76566	ZM_165_A1_D07		ZM_165_A1_D07_MR
76567	ZM_165_A1_D08		ZM_165_A1_D08_MR
76568	ZM_165_A1_D09		ZM_165_A1_D09_MR
76569	ZM_165_A1_D10		ZM_165_A1_D10_MR
76570	ZM_165_A1_D11		ZM_165_A1_D11_MR
76571	ZM_165_A1_D12		ZM_165_A1_D12_MR
76572	ZM_165_A1_E01		ZM_165_A1_E01_MR
76573	ZM_165_A1_E02		ZM_165_A1_E02_MR
76574	ZM_165_A1_E03		ZM_165_A1_E03_MR
76575	ZM_165_A1_E04		ZM_165_A1_E04_MR
76576	ZM_165_A1_E06		ZM_165_A1_E06_MR
76577	ZM_165_A1_E07		ZM_165_A1_E07_MR
76578	ZM_165_A1_E08		ZM_165_A1_E08_MR
76579	ZM_165_A1_E09		ZM_165_A1_E09_MR
76580	ZM_165_A1_E10		ZM_165_A1_E10_MR
76581	ZM_165_A1_F01		ZM_165_A1_F01_MR
76582	ZM_165_A1_F02		ZM_165_A1_F02_MR
76583	ZM_165_A1_F03		ZM_165_A1_F03_MR
76584	ZM_165_A1_F04		ZM_165_A1_F04_MR
76585	ZM_165_A1_F05		ZM_165_A1_F05_MR
76586	ZM_165_A1_F07		ZM_165_A1_F07_MR
76587	ZM_165_A1_F08		ZM_165_A1_F08_MR
76588	ZM_165_A1_F10		ZM_165_A1_F10_MR
76589	ZM_165_A1_F11		ZM_165_A1_F11_MR
76590	ZM_165_A1_F12		ZM_165_A1_F12_MR
76591	ZM_165_A1_G01		ZM_165_A1_G01_MR
76592	ZM_165_A1_G02		ZM_165_A1_G02_MR
76593	ZM_165_A1_G03		ZM_165_A1_G03_MR
76594	ZM_165_A1_G04		ZM_165_A1_G04_MR
76595	ZM_165_A1_G06		ZM_165_A1_G06_MR
76596	ZM_165_A1_G07		ZM_165_A1_G07_MR
76597	ZM_165_A1_G08		ZM_165_A1_G08_MR
76598	ZM_165_A1_G09		ZM_165_A1_G09_MR
76599	ZM_165_A1_G10		ZM_165_A1_G10_MR
76600	ZM_165_A1_G11		ZM_165_A1_G11_MR
76601	ZM_165_A1_G12		ZM_165_A1_G12_MR
76602	ZM_165_A1_H01		ZM_165_A1_H01_MR
76603	ZM_165_A1_H02		ZM_165_A1_H02_MR
76604	ZM_165_A1_H03		ZM_165_A1_H03_MR
76605	ZM_165_A1_H04		ZM_165_A1_H04_MR
76606	ZM_165_A1_H05		ZM_165_A1_H05_MR
76607	ZM_165_A1_H07		ZM_165_A1_H07_MR
76608	ZM_165_A1_H08		ZM_165_A1_H08_MR
76609	ZM_165_A1_H09		ZM_165_A1_H09_MR
76610	ZM_165_A1_H10		ZM_165_A1_H10_MR
76611	ZM_165_A1_H11		ZM_165_A1_H11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76612	ZM_165_A1_H12		ZM_165_A1_H12_MR
76613	ZM_165_A2_A02		ZM_165_A2_A02_MR
76614	ZM_165_A2_A03		ZM_165_A2_A03_MR
76615	ZM_165_A2_A04		ZM_165_A2_A04_MR
76616	ZM_165_A2_A05		ZM_165_A2_A05_MR
76617	ZM_165_A2_A08		ZM_165_A2_A08_MR
76618	ZM_165_A2_A09		ZM_165_A2_A09_MR
76619	ZM_165_A2_A10		ZM_165_A2_A10_MR
76620	ZM_165_A2_B02		ZM_165_A2_B02_MR
76621	ZM_165_A2_B05		ZM_165_A2_B05_MR
76622	ZM_165_A2_B07		ZM_165_A2_B07_MR
76623	ZM_165_A2_B09		ZM_165_A2_B09_MR
76624	ZM_165_A2_B10		ZM_165_A2_B10_MR
76625	ZM_165_A2_C03		ZM_165_A2_C03_MR
76626	ZM_165_A2_C06		ZM_165_A2_C06_MR
76627	ZM_165_A2_C07		ZM_165_A2_C07_MR
76628	ZM_165_A2_C10		ZM_165_A2_C10_MR
76629	ZM_165_A2_D02		ZM_165_A2_D02_MR
76630	ZM_165_A2_D03		ZM_165_A2_D03_MR
76631	ZM_165_A2_D04		ZM_165_A2_D04_MR
76632	ZM_165_A2_D05		ZM_165_A2_D05_MR
76633	ZM_165_A2_D07		ZM_165_A2_D07_MR
76634	ZM_165_A2_D08		ZM_165_A2_D08_MR
76635	ZM_165_A2_D10		ZM_165_A2_D10_MR
76636	ZM_165_A2_D12		ZM_165_A2_D12_MR
76637	ZM_165_A2_E02		ZM_165_A2_E02_MR
76638	ZM_165_A2_E03		ZM_165_A2_E03_MR
76639	ZM_165_A2_E04		ZM_165_A2_E04_MR
76640	ZM_165_A2_E05		ZM_165_A2_E05_MR
76641	ZM_165_A2_E06		ZM_165_A2_E06_MR
76642	ZM_165_A2_E07		ZM_165_A2_E07_MR
76643	ZM_165_A2_E08		ZM_165_A2_E08_MR
76644	ZM_165_A2_E09		ZM_165_A2_E09_MR
76645	ZM_165_A2_E10		ZM_165_A2_E10_MR
76646	ZM_165_A2_F01		ZM_165_A2_F01_MR
76647	ZM_165_A2_F02		ZM_165_A2_F02_MR
76648	ZM_165_A2_F03		ZM_165_A2_F03_MR
76649	ZM_165_A2_F05		ZM_165_A2_F05_MR
76650	ZM_165_A2_F07		ZM_165_A2_F07_MR
76651	ZM_165_A2_F09		ZM_165_A2_F09_MR
76652	ZM_165_A2_F10		ZM_165_A2_F10_MR
76653	ZM_165_A2_G01		ZM_165_A2_G01_MR
76654	ZM_165_A2_G02		ZM_165_A2_G02_MR
76655	ZM_165_A2_G03		ZM_165_A2_G03_MR
76656	ZM_165_A2_G04		ZM_165_A2_G04_MR
76657	ZM_165_A2_G05		ZM_165_A2_G05_MR
76658	ZM_165_A2_G06		ZM_165_A2_G06_MR
76659	ZM_165_A2_G07		ZM_165_A2_G07_MR
76660	ZM_165_A2_G10		ZM_165_A2_G10_MR
76661	ZM_165_A2_G11		ZM_165_A2_G11_MR
76662	ZM_165_A2_H03		ZM_165_A2_H03_MR
76663	ZM_165_A2_H04		ZM_165_A2_H04_MR
76664	ZM_165_A2_H05		ZM_165_A2_H05_MR
76665	ZM_165_A2_H09		ZM_165_A2_H09_MR
76666	ZM_165_A2_H11		ZM_165_A2_H11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76667	ZM_165_B1_A01		ZM_165_B1_A01_MR
76668	ZM_165_B1_A05		ZM_165_B1_A05_MR
76669	ZM_165_B1_A07		ZM_165_B1_A07_MR
76670	ZM_165_B1_A08		ZM_165_B1_A08_MR
76671	ZM_165_B1_A10		ZM_165_B1_A10_MR
76672	ZM_165_B1_B01		ZM_165_B1_B01_MR
76673	ZM_165_B1_B02		ZM_165_B1_B02_MR
76674	ZM_165_B1_B03		ZM_165_B1_B03_MR
76675	ZM_165_B1_B05		ZM_165_B1_B05_MR
76676	ZM_165_B1_B07		ZM_165_B1_B07_MR
76677	ZM_165_B1_B10		ZM_165_B1_B10_MR
76678	ZM_165_B1_C01		ZM_165_B1_C01_MR
76679	ZM_165_B1_C02		ZM_165_B1_C02_MR
76680	ZM_165_B1_C05		ZM_165_B1_C05_MR
76681	ZM_165_B1_C06		ZM_165_B1_C06_MR
76682	ZM_165_B1_C07		ZM_165_B1_C07_MR
76683	ZM_165_B1_C08		ZM_165_B1_C08_MR
76684	ZM_165_B1_D01		ZM_165_B1_D01_MR
76685	ZM_165_B1_D02		ZM_165_B1_D02_MR
76686	ZM_165_B1_D04		ZM_165_B1_D04_MR
76687	ZM_165_B1_D05		ZM_165_B1_D05_MR
76688	ZM_165_B1_D06		ZM_165_B1_D06_MR
76689	ZM_165_B1_D09		ZM_165_B1_D09_MR
76690	ZM_165_B1_D10		ZM_165_B1_D10_MR
76691	ZM_165_B1_E01		ZM_165_B1_E01_MR
76692	ZM_165_B1_E02		ZM_165_B1_E02_MR
76693	ZM_165_B1_E03		ZM_165_B1_E03_MR
76694	ZM_165_B1_E04		ZM_165_B1_E04_MR
76695	ZM_165_B1_E07		ZM_165_B1_E07_MR
76696	ZM_165_B1_E10		ZM_165_B1_E10_MR
76697	ZM_165_B1_E12		ZM_165_B1_E12_MR
76698	ZM_165_B1_F01		ZM_165_B1_F01_MR
76699	ZM_165_B1_F02		ZM_165_B1_F02_MR
76700	ZM_165_B1_F03		ZM_165_B1_F03_MR
76701	ZM_165_B1_F04		ZM_165_B1_F04_MR
76702	ZM_165_B1_F07		ZM_165_B1_F07_MR
76703	ZM_165_B1_F09		ZM_165_B1_F09_MR
76704	ZM_165_B1_F11		ZM_165_B1_F11_MR
76705	ZM_165_B1_G01		ZM_165_B1_G01_MR
76706	ZM_165_B1_G02		ZM_165_B1_G02_MR
76707	ZM_165_B1_G03		ZM_165_B1_G03_MR
76708	ZM_165_B1_G04		ZM_165_B1_G04_MR
76709	ZM_165_B1_G05		ZM_165_B1_G05_MR
76710	ZM_165_B1_G07		ZM_165_B1_G07_MR
76711	ZM_165_B1_G08		ZM_165_B1_G08_MR
76712	ZM_165_B1_G10		ZM_165_B1_G10_MR
76713	ZM_165_B1_G12		ZM_165_B1_G12_MR
76714	ZM_165_B1_H01		ZM_165_B1_H01_MR
76715	ZM_165_B1_H02		ZM_165_B1_H02_MR
76716	ZM_165_B1_H03		ZM_165_B1_H03_MR
76717	ZM_165_B1_H04		ZM_165_B1_H04_MR
76718	ZM_165_B1_H07		ZM_165_B1_H07_MR
76719	ZM_165_B1_H08		ZM_165_B1_H08_MR
76720	ZM_165_B1_H09		ZM_165_B1_H09_MR
76721	ZM_166_A1_A01		ZM_166_A1_A01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76722	ZM_166_A1_A02		ZM_166_A1_A02_MR
76723	ZM_166_A1_A03		ZM_166_A1_A03_MR
76724	ZM_166_A1_A04		ZM_166_A1_A04_MR
76725	ZM_166_A1_A06		ZM_166_A1_A06_MR
76726	ZM_166_A1_A07		ZM_166_A1_A07_MR
76727	ZM_166_A1_A08		ZM_166_A1_A08_MR
76728	ZM_166_A1_A09		ZM_166_A1_A09_MR
76729	ZM_166_A1_A10		ZM_166_A1_A10_MR
76730	ZM_166_A1_A11		ZM_166_A1_A11_MR
76731	ZM_166_A1_B01		ZM_166_A1_B01_MR
76732	ZM_166_A1_B02		ZM_166_A1_B02_MR
76733	ZM_166_A1_B03		ZM_166_A1_B03_MR
76734	ZM_166_A1_B04		ZM_166_A1_B04_MR
76735	ZM_166_A1_B05		ZM_166_A1_B05_MR
76736	ZM_166_A1_B06		ZM_166_A1_B06_MR
76737	ZM_166_A1_B08		ZM_166_A1_B08_MR
76738	ZM_166_A1_B09		ZM_166_A1_B09_MR
76739	ZM_166_A1_B10		ZM_166_A1_B10_MR
76740	ZM_166_A1_B11		ZM_166_A1_B11_MR
76741	ZM_166_A1_B12		ZM_166_A1_B12_MR
76742	ZM_166_A1_C01		ZM_166_A1_C01_MR
76743	ZM_166_A1_C02		ZM_166_A1_C02_MR
76744	ZM_166_A1_C03		ZM_166_A1_C03_MR
76745	ZM_166_A1_C04		ZM_166_A1_C04_MR
76746	ZM_166_A1_C05		ZM_166_A1_C05_MR
76747	ZM_166_A1_C06		ZM_166_A1_C06_MR
76748	ZM_166_A1_C07		ZM_166_A1_C07_MR
76749	ZM_166_A1_C08		ZM_166_A1_C08_MR
76750	ZM_166_A1_C09		ZM_166_A1_C09_MR
76751	ZM_166_A1_C10		ZM_166_A1_C10_MR
76752	ZM_166_A1_C11		ZM_166_A1_C11_MR
76753	ZM_166_A1_C12		ZM_166_A1_C12_MR
76754	ZM_166_A1_D01		ZM_166_A1_D01_MR
76755	ZM_166_A1_D02		ZM_166_A1_D02_MR
76756	ZM_166_A1_D04		ZM_166_A1_D04_MR
76757	ZM_166_A1_D06		ZM_166_A1_D06_MR
76758	ZM_166_A1_D07		ZM_166_A1_D07_MR
76759	ZM_166_A1_D08		ZM_166_A1_D08_MR
76760	ZM_166_A1_D09		ZM_166_A1_D09_MR
76761	ZM_166_A1_D10		ZM_166_A1_D10_MR
76762	ZM_166_A1_D11		ZM_166_A1_D11_MR
76763	ZM_166_A1_D12		ZM_166_A1_D12_MR
76764	ZM_166_A1_E01		ZM_166_A1_E01_MR
76765	ZM_166_A1_E02		ZM_166_A1_E02_MR
76766	ZM_166_A1_E04		ZM_166_A1_E04_MR
76767	ZM_166_A1_E05		ZM_166_A1_E05_MR
76768	ZM_166_A1_E06		ZM_166_A1_E06_MR
76769	ZM_166_A1_E07		ZM_166_A1_E07_MR
76770	ZM_166_A1_E08		ZM_166_A1_E08_MR
76771	ZM_166_A1_E09		ZM_166_A1_E09_MR
76772	ZM_166_A1_E10		ZM_166_A1_E10_MR
76773	ZM_166_A1_F01		ZM_166_A1_F01_MR
76774	ZM_166_A1_F02		ZM_166_A1_F02_MR
76775	ZM_166_A1_F03		ZM_166_A1_F03_MR
76776	ZM_166_A1_F04		ZM_166_A1_F04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76777	ZM_166_A1_F05		ZM_166_A1_F05_MR
76778	ZM_166_A1_F06		ZM_166_A1_F06_MR
76779	ZM_166_A1_F07		ZM_166_A1_F07_MR
76780	ZM_166_A1_F08		ZM_166_A1_F08_MR
76781	ZM_166_A1_F09		ZM_166_A1_F09_MR
76782	ZM_166_A1_F11		ZM_166_A1_F11_MR
76783	ZM_166_A1_F12		ZM_166_A1_F12_MR
76784	ZM_166_A1_G02		ZM_166_A1_G02_MR
76785	ZM_166_A1_G03		ZM_166_A1_G03_MR
76786	ZM_166_A1_G04		ZM_166_A1_G04_MR
76787	ZM_166_A1_G07		ZM_166_A1_G07_MR
76788	ZM_166_A1_G08		ZM_166_A1_G08_MR
76789	ZM_166_A1_G09		ZM_166_A1_G09_MR
76790	ZM_166_A1_G10		ZM_166_A1_G10_MR
76791	ZM_166_A1_G11		ZM_166_A1_G11_MR
76792	ZM_166_A1_G12		ZM_166_A1_G12_MR
76793	ZM_166_A1_H01		ZM_166_A1_H01_MR
76794	ZM_166_A1_H02		ZM_166_A1_H02_MR
76795	ZM_166_A1_H04		ZM_166_A1_H04_MR
76796	ZM_166_A1_H06		ZM_166_A1_H06_MR
76797	ZM_166_A1_H07		ZM_166_A1_H07_MR
76798	ZM_166_A1_H08		ZM_166_A1_H08_MR
76799	ZM_166_A1_H09		ZM_166_A1_H09_MR
76800	ZM_166_A1_H10		ZM_166_A1_H10_MR
76801	ZM_166_A1_H12		ZM_166_A1_H12_MR
76802	ZM_166_A2_A01		ZM_166_A2_A01_MR
76803	ZM_166_A2_A02		ZM_166_A2_A02_MR
76804	ZM_166_A2_A03		ZM_166_A2_A03_MR
76805	ZM_166_A2_A07		ZM_166_A2_A07_MR
76806	ZM_166_A2_A08		ZM_166_A2_A08_MR
76807	ZM_166_A2_A09		ZM_166_A2_A09_MR
76808	ZM_166_A2_A10		ZM_166_A2_A10_MR
76809	ZM_166_A2_A11		ZM_166_A2_A11_MR
76810	ZM_166_A2_A12		ZM_166_A2_A12_MR
76811	ZM_166_A2_B01		ZM_166_A2_B01_MR
76812	ZM_166_A2_B04		ZM_166_A2_B04_MR
76813	ZM_166_A2_B05		ZM_166_A2_B05_MR
76814	ZM_166_A2_B06		ZM_166_A2_B06_MR
76815	ZM_166_A2_B07		ZM_166_A2_B07_MR
76816	ZM_166_A2_B08		ZM_166_A2_B08_MR
76817	ZM_166_A2_B09		ZM_166_A2_B09_MR
76818	ZM_166_A2_B11		ZM_166_A2_B11_MR
76819	ZM_166_A2_B12		ZM_166_A2_B12_MR
76820	ZM_166_A2_C01		ZM_166_A2_C01_MR
76821	ZM_166_A2_C02		ZM_166_A2_C02_MR
76822	ZM_166_A2_C04		ZM_166_A2_C04_MR
76823	ZM_166_A2_C05		ZM_166_A2_C05_MR
76824	ZM_166_A2_C06		ZM_166_A2_C06_MR
76825	ZM_166_A2_C07		ZM_166_A2_C07_MR
76826	ZM_166_A2_C10		ZM_166_A2_C10_MR
76827	ZM_166_A2_C11		ZM_166_A2_C11_MR
76828	ZM_166_A2_C12		ZM_166_A2_C12_MR
76829	ZM_166_A2_D01		ZM_166_A2_D01_MR
76830	ZM_166_A2_D02		ZM_166_A2_D02_MR
76831	ZM_166_A2_D03		ZM_166_A2_D03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76832	ZM_166_A2_D04		ZM_166_A2_D04_MR
76833	ZM_166_A2_D06		ZM_166_A2_D06_MR
76834	ZM_166_A2_D07		ZM_166_A2_D07_MR
76835	ZM_166_A2_D08		ZM_166_A2_D08_MR
76836	ZM_166_A2_D09		ZM_166_A2_D09_MR
76837	ZM_166_A2_D10		ZM_166_A2_D10_MR
76838	ZM_166_A2_D11		ZM_166_A2_D11_MR
76839	ZM_166_A2_D12		ZM_166_A2_D12_MR
76840	ZM_166_A2_E01		ZM_166_A2_E01_MR
76841	ZM_166_A2_E02		ZM_166_A2_E02_MR
76842	ZM_166_A2_E04		ZM_166_A2_E04_MR
76843	ZM_166_A2_E05		ZM_166_A2_E05_MR
76844	ZM_166_A2_E06		ZM_166_A2_E06_MR
76845	ZM_166_A2_E07		ZM_166_A2_E07_MR
76846	ZM_166_A2_E10		ZM_166_A2_E10_MR
76847	ZM_166_A2_F01		ZM_166_A2_F01_MR
76848	ZM_166_A2_F02		ZM_166_A2_F02_MR
76849	ZM_166_A2_F04		ZM_166_A2_F04_MR
76850	ZM_166_A2_F05		ZM_166_A2_F05_MR
76851	ZM_166_A2_F06		ZM_166_A2_F06_MR
76852	ZM_166_A2_F07		ZM_166_A2_F07_MR
76853	ZM_166_A2_F08		ZM_166_A2_F08_MR
76854	ZM_166_A2_F09		ZM_166_A2_F09_MR
76855	ZM_166_A2_F10		ZM_166_A2_F10_MR
76856	ZM_166_A2_F11		ZM_166_A2_F11_MR
76857	ZM_166_A2_F12		ZM_166_A2_F12_MR
76858	ZM_166_A2_G01		ZM_166_A2_G01_MR
76859	ZM_166_A2_G02		ZM_166_A2_G02_MR
76860	ZM_166_A2_G04		ZM_166_A2_G04_MR
76861	ZM_166_A2_G05		ZM_166_A2_G05_MR
76862	ZM_166_A2_G06		ZM_166_A2_G06_MR
76863	ZM_166_A2_G07		ZM_166_A2_G07_MR
76864	ZM_166_A2_G08		ZM_166_A2_G08_MR
76865	ZM_166_A2_H02		ZM_166_A2_H02_MR
76866	ZM_166_A2_H03		ZM_166_A2_H03_MR
76867	ZM_166_A2_H04		ZM_166_A2_H04_MR
76868	ZM_166_A2_H05		ZM_166_A2_H05_MR
76869	ZM_166_A2_H06		ZM_166_A2_H06_MR
76870	ZM_166_A2_H07		ZM_166_A2_H07_MR
76871	ZM_166_A2_H08		ZM_166_A2_H08_MR
76872	ZM_166_A2_H09		ZM_166_A2_H09_MR
76873	ZM_166_A2_H10		ZM_166_A2_H10_MR
76874	ZM_166_A2_H12		ZM_166_A2_H12_MR
76875	ZM_166_B1_A04		ZM_166_B1_A04_MR
76876	ZM_166_B1_A05		ZM_166_B1_A05_MR
76877	ZM_166_B1_A07		ZM_166_B1_A07_MR
76878	ZM_166_B1_A08		ZM_166_B1_A08_MR
76879	ZM_166_B1_B01		ZM_166_B1_B01_MR
76880	ZM_166_B1_B02		ZM_166_B1_B02_MR
76881	ZM_166_B1_B03		ZM_166_B1_B03_MR
76882	ZM_166_B1_B04		ZM_166_B1_B04_MR
76883	ZM_166_B1_B07		ZM_166_B1_B07_MR
76884	ZM_166_B1_B10		ZM_166_B1_B10_MR
76885	ZM_166_B1_C01		ZM_166_B1_C01_MR
76886	ZM_166_B1_C04		ZM_166_B1_C04_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76887	ZM_166_B1_C05		ZM_166_B1_C05_MR
76888	ZM_166_B1_C07		ZM_166_B1_C07_MR
76889	ZM_166_B1_C09		ZM_166_B1_C09_MR
76890	ZM_166_B1_C10		ZM_166_B1_C10_MR
76891	ZM_166_B1_C11		ZM_166_B1_C11_MR
76892	ZM_166_B1_D01		ZM_166_B1_D01_MR
76893	ZM_166_B1_D02		ZM_166_B1_D02_MR
76894	ZM_166_B1_D03		ZM_166_B1_D03_MR
76895	ZM_166_B1_D04		ZM_166_B1_D04_MR
76896	ZM_166_B1_D06		ZM_166_B1_D06_MR
76897	ZM_166_B1_D10		ZM_166_B1_D10_MR
76898	ZM_166_B1_D12		ZM_166_B1_D12_MR
76899	ZM_166_B1_E01		ZM_166_B1_E01_MR
76900	ZM_166_B1_E02		ZM_166_B1_E02_MR
76901	ZM_166_B1_E03		ZM_166_B1_E03_MR
76902	ZM_166_B1_E04		ZM_166_B1_E04_MR
76903	ZM_166_B1_E05		ZM_166_B1_E05_MR
76904	ZM_166_B1_E06		ZM_166_B1_E06_MR
76905	ZM_166_B1_E09		ZM_166_B1_E09_MR
76906	ZM_166_B1_E10		ZM_166_B1_E10_MR
76907	ZM_166_B1_F01		ZM_166_B1_F01_MR
76908	ZM_166_B1_F02		ZM_166_B1_F02_MR
76909	ZM_166_B1_F04		ZM_166_B1_F04_MR
76910	ZM_166_B1_F07		ZM_166_B1_F07_MR
76911	ZM_166_B1_F09		ZM_166_B1_F09_MR
76912	ZM_166_B1_F10		ZM_166_B1_F10_MR
76913	ZM_166_B1_F11		ZM_166_B1_F11_MR
76914	ZM_166_B1_G01		ZM_166_B1_G01_MR
76915	ZM_166_B1_G04		ZM_166_B1_G04_MR
76916	ZM_166_B1_G05		ZM_166_B1_G05_MR
76917	ZM_166_B1_G07		ZM_166_B1_G07_MR
76918	ZM_166_B1_G08		ZM_166_B1_G08_MR
76919	ZM_166_B1_G09		ZM_166_B1_G09_MR
76920	ZM_166_B1_G10		ZM_166_B1_G10_MR
76921	ZM_166_B1_G11		ZM_166_B1_G11_MR
76922	ZM_166_B1_H01		ZM_166_B1_H01_MR
76923	ZM_166_B1_H02		ZM_166_B1_H02_MR
76924	ZM_166_B1_H04		ZM_166_B1_H04_MR
76925	ZM_166_B1_H05		ZM_166_B1_H05_MR
76926	ZM_166_B1_H07		ZM_166_B1_H07_MR
76927	ZM_166_B1_H08		ZM_166_B1_H08_MR
76928	ZM_166_B1_H09		ZM_166_B1_H09_MR
76929	ZM_166_B1_H10		ZM_166_B1_H10_MR
76930	ZM_166_B2_A04		ZM_166_B2_A04_MR
76931	ZM_166_B2_A06		ZM_166_B2_A06_MR
76932	ZM_166_B2_A08		ZM_166_B2_A08_MR
76933	ZM_166_B2_A09		ZM_166_B2_A09_MR
76934	ZM_166_B2_A10		ZM_166_B2_A10_MR
76935	ZM_166_B2_B02		ZM_166_B2_B02_MR
76936	ZM_166_B2_B03		ZM_166_B2_B03_MR
76937	ZM_166_B2_B06		ZM_166_B2_B06_MR
76938	ZM_166_B2_B08		ZM_166_B2_B08_MR
76939	ZM_166_B2_B09		ZM_166_B2_B09_MR
76940	ZM_166_B2_B10		ZM_166_B2_B10_MR
76941	ZM_166_B2_C01		ZM_166_B2_C01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76942	ZM_166_B2_C02		ZM_166_B2_C02_MR
76943	ZM_166_B2_C03		ZM_166_B2_C03_MR
76944	ZM_166_B2_C04		ZM_166_B2_C04_MR
76945	ZM_166_B2_C05		ZM_166_B2_C05_MR
76946	ZM_166_B2_C07		ZM_166_B2_C07_MR
76947	ZM_166_B2_C09		ZM_166_B2_C09_MR
76948	ZM_166_B2_C10		ZM_166_B2_C10_MR
76949	ZM_166_B2_D01		ZM_166_B2_D01_MR
76950	ZM_166_B2_D02		ZM_166_B2_D02_MR
76951	ZM_166_B2_D03		ZM_166_B2_D03_MR
76952	ZM_166_B2_D04		ZM_166_B2_D04_MR
76953	ZM_166_B2_D05		ZM_166_B2_D05_MR
76954	ZM_166_B2_D06		ZM_166_B2_D06_MR
76955	ZM_166_B2_D07		ZM_166_B2_D07_MR
76956	ZM_166_B2_D08		ZM_166_B2_D08_MR
76957	ZM_166_B2_D09		ZM_166_B2_D09_MR
76958	ZM_166_B2_D10		ZM_166_B2_D10_MR
76959	ZM_166_B2_E05		ZM_166_B2_E05_MR
76960	ZM_166_B2_E06		ZM_166_B2_E06_MR
76961	ZM_166_B2_E07		ZM_166_B2_E07_MR
76962	ZM_166_B2_E08		ZM_166_B2_E08_MR
76963	ZM_166_B2_E09		ZM_166_B2_E09_MR
76964	ZM_166_B2_E10		ZM_166_B2_E10_MR
76965	ZM_166_B2_F02		ZM_166_B2_F02_MR
76966	ZM_166_B2_F05		ZM_166_B2_F05_MR
76967	ZM_166_B2_F06		ZM_166_B2_F06_MR
76968	ZM_166_B2_F07		ZM_166_B2_F07_MR
76969	ZM_166_B2_F08		ZM_166_B2_F08_MR
76970	ZM_166_B2_F09		ZM_166_B2_F09_MR
76971	ZM_166_B2_F10		ZM_166_B2_F10_MR
76972	ZM_166_B2_F12		ZM_166_B2_F12_MR
76973	ZM_166_B2_G01		ZM_166_B2_G01_MR
76974	ZM_166_B2_G02		ZM_166_B2_G02_MR
76975	ZM_166_B2_G03		ZM_166_B2_G03_MR
76976	ZM_166_B2_G04		ZM_166_B2_G04_MR
76977	ZM_166_B2_G06		ZM_166_B2_G06_MR
76978	ZM_166_B2_G07		ZM_166_B2_G07_MR
76979	ZM_166_B2_G08		ZM_166_B2_G08_MR
76980	ZM_166_B2_G10		ZM_166_B2_G10_MR
76981	ZM_166_B2_G11		ZM_166_B2_G11_MR
76982	ZM_166_B2_H01		ZM_166_B2_H01_MR
76983	ZM_166_B2_H02		ZM_166_B2_H02_MR
76984	ZM_166_B2_H05		ZM_166_B2_H05_MR
76985	ZM_166_B2_H06		ZM_166_B2_H06_MR
76986	ZM_166_B2_H07		ZM_166_B2_H07_MR
76987	ZM_167_A2_A02		ZM_167_A2_A02_MR
76988	ZM_167_A2_A03		ZM_167_A2_A03_MR
76989	ZM_167_A2_A04		ZM_167_A2_A04_MR
76990	ZM_167_A2_A05		ZM_167_A2_A05_MR
76991	ZM_167_A2_A06		ZM_167_A2_A06_MR
76992	ZM_167_A2_A07		ZM_167_A2_A07_MR
76993	ZM_167_A2_A08		ZM_167_A2_A08_MR
76994	ZM_167_A2_A09		ZM_167_A2_A09_MR
76995	ZM_167_A2_A10		ZM_167_A2_A10_MR
76996	ZM_167_A2_A11		ZM_167_A2_A11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
76997	ZM_167_A2_A12		ZM_167_A2_A12_MR
76998	ZM_167_A2_B01		ZM_167_A2_B01_MR
76999	ZM_167_A2_B02		ZM_167_A2_B02_MR
77000	ZM_167_A2_B03		ZM_167_A2_B03_MR
77001	ZM_167_A2_B04		ZM_167_A2_B04_MR
77002	ZM_167_A2_B07		ZM_167_A2_B07_MR
77003	ZM_167_A2_B08		ZM_167_A2_B08_MR
77004	ZM_167_A2_B09		ZM_167_A2_B09_MR
77005	ZM_167_A2_B10		ZM_167_A2_B10_MR
77006	ZM_167_A2_B11		ZM_167_A2_B11_MR
77007	ZM_167_A2_B12		ZM_167_A2_B12_MR
77008	ZM_167_A2_C02		ZM_167_A2_C02_MR
77009	ZM_167_A2_C03		ZM_167_A2_C03_MR
77010	ZM_167_A2_C04		ZM_167_A2_C04_MR
77011	ZM_167_A2_C05		ZM_167_A2_C05_MR
77012	ZM_167_A2_C06		ZM_167_A2_C06_MR
77013	ZM_167_A2_C07		ZM_167_A2_C07_MR
77014	ZM_167_A2_C08		ZM_167_A2_C08_MR
77015	ZM_167_A2_C09		ZM_167_A2_C09_MR
77016	ZM_167_A2_C10		ZM_167_A2_C10_MR
77017	ZM_167_A2_C11		ZM_167_A2_C11_MR
77018	ZM_167_A2_C12		ZM_167_A2_C12_MR
77019	ZM_167_A2_D02		ZM_167_A2_D02_MR
77020	ZM_167_A2_D03		ZM_167_A2_D03_MR
77021	ZM_167_A2_D04		ZM_167_A2_D04_MR
77022	ZM_167_A2_D05		ZM_167_A2_D05_MR
77023	ZM_167_A2_D06		ZM_167_A2_D06_MR
77024	ZM_167_A2_D07		ZM_167_A2_D07_MR
77025	ZM_167_A2_D08		ZM_167_A2_D08_MR
77026	ZM_167_A2_D09		ZM_167_A2_D09_MR
77027	ZM_167_A2_D10		ZM_167_A2_D10_MR
77028	ZM_167_A2_D11		ZM_167_A2_D11_MR
77029	ZM_167_A2_E03		ZM_167_A2_E03_MR
77030	ZM_167_A2_E04		ZM_167_A2_E04_MR
77031	ZM_167_A2_E05		ZM_167_A2_E05_MR
77032	ZM_167_A2_E06		ZM_167_A2_E06_MR
77033	ZM_167_A2_E09		ZM_167_A2_E09_MR
77034	ZM_167_A2_E10		ZM_167_A2_E10_MR
77035	ZM_167_A2_E11		ZM_167_A2_E11_MR
77036	ZM_167_A2_E12		ZM_167_A2_E12_MR
77037	ZM_167_A2_F01		ZM_167_A2_F01_MR
77038	ZM_167_A2_F03		ZM_167_A2_F03_MR
77039	ZM_167_A2_F04		ZM_167_A2_F04_MR
77040	ZM_167_A2_F05		ZM_167_A2_F05_MR
77041	ZM_167_A2_F07		ZM_167_A2_F07_MR
77042	ZM_167_A2_F08		ZM_167_A2_F08_MR
77043	ZM_167_A2_F09		ZM_167_A2_F09_MR
77044	ZM_167_A2_F10		ZM_167_A2_F10_MR
77045	ZM_167_A2_F11		ZM_167_A2_F11_MR
77046	ZM_167_A2_G04		ZM_167_A2_G04_MR
77047	ZM_167_A2_G05		ZM_167_A2_G05_MR
77048	ZM_167_A2_G08		ZM_167_A2_G08_MR
77049	ZM_167_A2_G09		ZM_167_A2_G09_MR
77050	ZM_167_A2_G10		ZM_167_A2_G10_MR
77051	ZM_167_A2_G11		ZM_167_A2_G11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77052	ZM_167_A2_G12		ZM_167_A2_G12_MR
77053	ZM_167_A2_H03		ZM_167_A2_H03_MR
77054	ZM_167_A2_H04		ZM_167_A2_H04_MR
77055	ZM_167_A2_H05		ZM_167_A2_H05_MR
77056	ZM_167_A2_H06		ZM_167_A2_H06_MR
77057	ZM_167_A2_H07		ZM_167_A2_H07_MR
77058	ZM_167_A2_H09		ZM_167_A2_H09_MR
77059	ZM_167_A2_H12		ZM_167_A2_H12_MR
77060	ZM_167_B1_A04		ZM_167_B1_A04_MR
77061	ZM_167_B1_A07		ZM_167_B1_A07_MR
77062	ZM_167_B1_A12		ZM_167_B1_A12_MR
77063	ZM_167_B1_B07		ZM_167_B1_B07_MR
77064	ZM_167_B1_B08		ZM_167_B1_B08_MR
77065	ZM_167_B1_C03		ZM_167_B1_C03_MR
77066	ZM_167_B1_C04		ZM_167_B1_C04_MR
77067	ZM_167_B1_D04		ZM_167_B1_D04_MR
77068	ZM_167_B1_D05		ZM_167_B1_D05_MR
77069	ZM_167_B1_D07		ZM_167_B1_D07_MR
77070	ZM_167_B1_H01		ZM_167_B1_H01_MR
77071	ZM_167_B1_H08		ZM_167_B1_H08_MR
77072	ZM_167_B2_A02		ZM_167_B2_A02_MR
77073	ZM_167_B2_A04		ZM_167_B2_A04_MR
77074	ZM_167_B2_A05		ZM_167_B2_A05_MR
77075	ZM_167_B2_A06		ZM_167_B2_A06_MR
77076	ZM_167_B2_A07		ZM_167_B2_A07_MR
77077	ZM_167_B2_A08		ZM_167_B2_A08_MR
77078	ZM_167_B2_A09		ZM_167_B2_A09_MR
77079	ZM_167_B2_A10		ZM_167_B2_A10_MR
77080	ZM_167_B2_A11		ZM_167_B2_A11_MR
77081	ZM_167_B2_A12		ZM_167_B2_A12_MR
77082	ZM_167_B2_B01		ZM_167_B2_B01_MR
77083	ZM_167_B2_B02		ZM_167_B2_B02_MR
77084	ZM_167_B2_B03		ZM_167_B2_B03_MR
77085	ZM_167_B2_B04		ZM_167_B2_B04_MR
77086	ZM_167_B2_B05		ZM_167_B2_B05_MR
77087	ZM_167_B2_B06		ZM_167_B2_B06_MR
77088	ZM_167_B2_B08		ZM_167_B2_B08_MR
77089	ZM_167_B2_B09		ZM_167_B2_B09_MR
77090	ZM_167_B2_B11		ZM_167_B2_B11_MR
77091	ZM_167_B2_B12		ZM_167_B2_B12_MR
77092	ZM_167_B2_C01		ZM_167_B2_C01_MR
77093	ZM_167_B2_C02		ZM_167_B2_C02_MR
77094	ZM_167_B2_C04		ZM_167_B2_C04_MR
77095	ZM_167_B2_C05		ZM_167_B2_C05_MR
77096	ZM_167_B2_C06		ZM_167_B2_C06_MR
77097	ZM_167_B2_C07		ZM_167_B2_C07_MR
77098	ZM_167_B2_C08		ZM_167_B2_C08_MR
77099	ZM_167_B2_C09		ZM_167_B2_C09_MR
77100	ZM_167_B2_C10		ZM_167_B2_C10_MR
77101	ZM_167_B2_C11		ZM_167_B2_C11_MR
77102	ZM_167_B2_C12		ZM_167_B2_C12_MR
77103	ZM_167_B2_D01		ZM_167_B2_D01_MR
77104	ZM_167_B2_D02		ZM_167_B2_D02_MR
77105	ZM_167_B2_D03		ZM_167_B2_D03_MR
77106	ZM_167_B2_D04		ZM_167_B2_D04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77107	ZM_167_B2_D05		ZM_167_B2_D05_MR
77108	ZM_167_B2_D06		ZM_167_B2_D06_MR
77109	ZM_167_B2_D07		ZM_167_B2_D07_MR
77110	ZM_167_B2_D08		ZM_167_B2_D08_MR
77111	ZM_167_B2_D09		ZM_167_B2_D09_MR
77112	ZM_167_B2_D10		ZM_167_B2_D10_MR
77113	ZM_167_B2_D11		ZM_167_B2_D11_MR
77114	ZM_167_B2_D12		ZM_167_B2_D12_MR
77115	ZM_167_B2_E01		ZM_167_B2_E01_MR
77116	ZM_167_B2_E02		ZM_167_B2_E02_MR
77117	ZM_167_B2_E03		ZM_167_B2_E03_MR
77118	ZM_167_B2_E04		ZM_167_B2_E04_MR
77119	ZM_167_B2_E05		ZM_167_B2_E05_MR
77120	ZM_167_B2_E06		ZM_167_B2_E06_MR
77121	ZM_167_B2_E07		ZM_167_B2_E07_MR
77122	ZM_167_B2_E08		ZM_167_B2_E08_MR
77123	ZM_167_B2_E11		ZM_167_B2_E11_MR
77124	ZM_167_B2_E12		ZM_167_B2_E12_MR
77125	ZM_167_B2_F01		ZM_167_B2_F01_MR
77126	ZM_167_B2_F03		ZM_167_B2_F03_MR
77127	ZM_167_B2_F04		ZM_167_B2_F04_MR
77128	ZM_167_B2_F05		ZM_167_B2_F05_MR
77129	ZM_167_B2_F06		ZM_167_B2_F06_MR
77130	ZM_167_B2_F07		ZM_167_B2_F07_MR
77131	ZM_167_B2_F08		ZM_167_B2_F08_MR
77132	ZM_167_B2_F09		ZM_167_B2_F09_MR
77133	ZM_167_B2_F10		ZM_167_B2_F10_MR
77134	ZM_167_B2_F11		ZM_167_B2_F11_MR
77135	ZM_167_B2_F12		ZM_167_B2_F12_MR
77136	ZM_167_B2_G01		ZM_167_B2_G01_MR
77137	ZM_167_B2_G03		ZM_167_B2_G03_MR
77138	ZM_167_B2_G04		ZM_167_B2_G04_MR
77139	ZM_167_B2_G05		ZM_167_B2_G05_MR
77140	ZM_167_B2_G06		ZM_167_B2_G06_MR
77141	ZM_167_B2_G07		ZM_167_B2_G07_MR
77142	ZM_167_B2_G08		ZM_167_B2_G08_MR
77143	ZM_167_B2_G09		ZM_167_B2_G09_MR
77144	ZM_167_B2_G11		ZM_167_B2_G11_MR
77145	ZM_167_B2_G12		ZM_167_B2_G12_MR
77146	ZM_167_B2_H01		ZM_167_B2_H01_MR
77147	ZM_167_B2_H02		ZM_167_B2_H02_MR
77148	ZM_167_B2_H03		ZM_167_B2_H03_MR
77149	ZM_167_B2_H04		ZM_167_B2_H04_MR
77150	ZM_167_B2_H05		ZM_167_B2_H05_MR
77151	ZM_167_B2_H07		ZM_167_B2_H07_MR
77152	ZM_167_B2_H08		ZM_167_B2_H08_MR
77153	ZM_167_B2_H09		ZM_167_B2_H09_MR
77154	ZM_167_B2_H12		ZM_167_B2_H12_MR
77155	ZM_168_A1_A01		ZM_168_A1_A01_MR
77156	ZM_168_A1_A02		ZM_168_A1_A02_MR
77157	ZM_168_A1_A03		ZM_168_A1_A03_MR
77158	ZM_168_A1_A04		ZM_168_A1_A04_MR
77159	ZM_168_A1_A05		ZM_168_A1_A05_MR
77160	ZM_168_A1_A06		ZM_168_A1_A06_MR
77161	ZM_168_A1_A07		ZM_168_A1_A07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77162	ZM_168_A1_A08		ZM_168_A1_A08_MR
77163	ZM_168_A1_A09		ZM_168_A1_A09_MR
77164	ZM_168_A1_A10		ZM_168_A1_A10_MR
77165	ZM_168_A1_A12		ZM_168_A1_A12_MR
77166	ZM_168_A1_B01		ZM_168_A1_B01_MR
77167	ZM_168_A1_B02		ZM_168_A1_B02_MR
77168	ZM_168_A1_B03		ZM_168_A1_B03_MR
77169	ZM_168_A1_B04		ZM_168_A1_B04_MR
77170	ZM_168_A1_B05		ZM_168_A1_B05_MR
77171	ZM_168_A1_B06		ZM_168_A1_B06_MR
77172	ZM_168_A1_B07		ZM_168_A1_B07_MR
77173	ZM_168_A1_B08		ZM_168_A1_B08_MR
77174	ZM_168_A1_B09		ZM_168_A1_B09_MR
77175	ZM_168_A1_B10		ZM_168_A1_B10_MR
77176	ZM_168_A1_B11		ZM_168_A1_B11_MR
77177	ZM_168_A1_B12		ZM_168_A1_B12_MR
77178	ZM_168_A1_C03		ZM_168_A1_C03_MR
77179	ZM_168_A1_C04		ZM_168_A1_C04_MR
77180	ZM_168_A1_C06		ZM_168_A1_C06_MR
77181	ZM_168_A1_C07		ZM_168_A1_C07_MR
77182	ZM_168_A1_C08		ZM_168_A1_C08_MR
77183	ZM_168_A1_C09		ZM_168_A1_C09_MR
77184	ZM_168_A1_C10		ZM_168_A1_C10_MR
77185	ZM_168_A1_C11		ZM_168_A1_C11_MR
77186	ZM_168_A1_C12		ZM_168_A1_C12_MR
77187	ZM_168_A1_D01		ZM_168_A1_D01_MR
77188	ZM_168_A1_D02		ZM_168_A1_D02_MR
77189	ZM_168_A1_D03		ZM_168_A1_D03_MR
77190	ZM_168_A1_D04		ZM_168_A1_D04_MR
77191	ZM_168_A1_D08		ZM_168_A1_D08_MR
77192	ZM_168_A1_D09		ZM_168_A1_D09_MR
77193	ZM_168_A1_D10		ZM_168_A1_D10_MR
77194	ZM_168_A1_D11		ZM_168_A1_D11_MR
77195	ZM_168_A1_D12		ZM_168_A1_D12_MR
77196	ZM_168_A1_E01		ZM_168_A1_E01_MR
77197	ZM_168_A1_E02		ZM_168_A1_E02_MR
77198	ZM_168_A1_E03		ZM_168_A1_E03_MR
77199	ZM_168_A1_E04		ZM_168_A1_E04_MR
77200	ZM_168_A1_E05		ZM_168_A1_E05_MR
77201	ZM_168_A1_E06		ZM_168_A1_E06_MR
77202	ZM_168_A1_E07		ZM_168_A1_E07_MR
77203	ZM_168_A1_E08		ZM_168_A1_E08_MR
77204	ZM_168_A1_E10		ZM_168_A1_E10_MR
77205	ZM_168_A1_E11		ZM_168_A1_E11_MR
77206	ZM_168_A1_E12		ZM_168_A1_E12_MR
77207	ZM_168_A1_F01		ZM_168_A1_F01_MR
77208	ZM_168_A1_F02		ZM_168_A1_F02_MR
77209	ZM_168_A1_F03		ZM_168_A1_F03_MR
77210	ZM_168_A1_F04		ZM_168_A1_F04_MR
77211	ZM_168_A1_F05		ZM_168_A1_F05_MR
77212	ZM_168_A1_F06		ZM_168_A1_F06_MR
77213	ZM_168_A1_F07		ZM_168_A1_F07_MR
77214	ZM_168_A1_F08		ZM_168_A1_F08_MR
77215	ZM_168_A1_F09		ZM_168_A1_F09_MR
77216	ZM_168_A1_F10		ZM_168_A1_F10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77217	ZM_168_A1_F11		ZM_168_A1_F11_MR
77218	ZM_168_A1_G01		ZM_168_A1_G01_MR
77219	ZM_168_A1_G02		ZM_168_A1_G02_MR
77220	ZM_168_A1_G03		ZM_168_A1_G03_MR
77221	ZM_168_A1_G04		ZM_168_A1_G04_MR
77222	ZM_168_A1_G05		ZM_168_A1_G05_MR
77223	ZM_168_A1_G06		ZM_168_A1_G06_MR
77224	ZM_168_A1_G07		ZM_168_A1_G07_MR
77225	ZM_168_A1_G08		ZM_168_A1_G08_MR
77226	ZM_168_A1_G09		ZM_168_A1_G09_MR
77227	ZM_168_A1_G10		ZM_168_A1_G10_MR
77228	ZM_168_A1_G11		ZM_168_A1_G11_MR
77229	ZM_168_A1_G12		ZM_168_A1_G12_MR
77230	ZM_168_A1_H01		ZM_168_A1_H01_MR
77231	ZM_168_A1_H02		ZM_168_A1_H02_MR
77232	ZM_168_A1_H03		ZM_168_A1_H03_MR
77233	ZM_168_A1_H04		ZM_168_A1_H04_MR
77234	ZM_168_A1_H05		ZM_168_A1_H05_MR
77235	ZM_168_A1_H06		ZM_168_A1_H06_MR
77236	ZM_168_A1_H07		ZM_168_A1_H07_MR
77237	ZM_168_A1_H08		ZM_168_A1_H08_MR
77238	ZM_168_A1_H09		ZM_168_A1_H09_MR
77239	ZM_168_A2_A02		ZM_168_A2_A02_MR
77240	ZM_168_A2_A04		ZM_168_A2_A04_MR
77241	ZM_168_A2_A05		ZM_168_A2_A05_MR
77242	ZM_168_A2_A06		ZM_168_A2_A06_MR
77243	ZM_168_A2_A07		ZM_168_A2_A07_MR
77244	ZM_168_A2_A08		ZM_168_A2_A08_MR
77245	ZM_168_A2_A09		ZM_168_A2_A09_MR
77246	ZM_168_A2_A10		ZM_168_A2_A10_MR
77247	ZM_168_A2_A11		ZM_168_A2_A11_MR
77248	ZM_168_A2_B01		ZM_168_A2_B01_MR
77249	ZM_168_A2_B04		ZM_168_A2_B04_MR
77250	ZM_168_A2_B05		ZM_168_A2_B05_MR
77251	ZM_168_A2_B06		ZM_168_A2_B06_MR
77252	ZM_168_A2_B08		ZM_168_A2_B08_MR
77253	ZM_168_A2_B09		ZM_168_A2_B09_MR
77254	ZM_168_A2_B12		ZM_168_A2_B12_MR
77255	ZM_168_A2_C01		ZM_168_A2_C01_MR
77256	ZM_168_A2_C02		ZM_168_A2_C02_MR
77257	ZM_168_A2_C03		ZM_168_A2_C03_MR
77258	ZM_168_A2_C05		ZM_168_A2_C05_MR
77259	ZM_168_A2_C06		ZM_168_A2_C06_MR
77260	ZM_168_A2_C07		ZM_168_A2_C07_MR
77261	ZM_168_A2_C08		ZM_168_A2_C08_MR
77262	ZM_168_A2_C09		ZM_168_A2_C09_MR
77263	ZM_168_A2_C10		ZM_168_A2_C10_MR
77264	ZM_168_A2_C12		ZM_168_A2_C12_MR
77265	ZM_168_A2_D01		ZM_168_A2_D01_MR
77266	ZM_168_A2_D02		ZM_168_A2_D02_MR
77267	ZM_168_A2_D03		ZM_168_A2_D03_MR
77268	ZM_168_A2_D05		ZM_168_A2_D05_MR
77269	ZM_168_A2_D06		ZM_168_A2_D06_MR
77270	ZM_168_A2_D07		ZM_168_A2_D07_MR
77271	ZM_168_A2_D08		ZM_168_A2_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77272	ZM_168_A2_D10		ZM_168_A2_D10_MR
77273	ZM_168_A2_D12		ZM_168_A2_D12_MR
77274	ZM_168_A2_E02		ZM_168_A2_E02_MR
77275	ZM_168_A2_E05		ZM_168_A2_E05_MR
77276	ZM_168_A2_E06		ZM_168_A2_E06_MR
77277	ZM_168_A2_E10		ZM_168_A2_E10_MR
77278	ZM_168_A2_F01		ZM_168_A2_F01_MR
77279	ZM_168_A2_F03		ZM_168_A2_F03_MR
77280	ZM_168_A2_F04		ZM_168_A2_F04_MR
77281	ZM_168_A2_F05		ZM_168_A2_F05_MR
77282	ZM_168_A2_F06		ZM_168_A2_F06_MR
77283	ZM_168_A2_F07		ZM_168_A2_F07_MR
77284	ZM_168_A2_F08		ZM_168_A2_F08_MR
77285	ZM_168_A2_F10		ZM_168_A2_F10_MR
77286	ZM_168_A2_F12		ZM_168_A2_F12_MR
77287	ZM_168_A2_G01		ZM_168_A2_G01_MR
77288	ZM_168_A2_G04		ZM_168_A2_G04_MR
77289	ZM_168_A2_G06		ZM_168_A2_G06_MR
77290	ZM_168_A2_G07		ZM_168_A2_G07_MR
77291	ZM_168_A2_G08		ZM_168_A2_G08_MR
77292	ZM_168_A2_G09		ZM_168_A2_G09_MR
77293	ZM_168_A2_H01		ZM_168_A2_H01_MR
77294	ZM_168_A2_H02		ZM_168_A2_H02_MR
77295	ZM_168_A2_H06		ZM_168_A2_H06_MR
77296	ZM_168_A2_H07		ZM_168_A2_H07_MR
77297	ZM_168_A2_H08		ZM_168_A2_H08_MR
77298	ZM_168_A2_H09		ZM_168_A2_H09_MR
77299	ZM_168_A2_H10		ZM_168_A2_H10_MR
77300	ZM_168_B1_A01		ZM_168_B1_A01_MR
77301	ZM_168_B1_A04		ZM_168_B1_A04_MR
77302	ZM_168_B1_A06		ZM_168_B1_A06_MR
77303	ZM_168_B1_A07		ZM_168_B1_A07_MR
77304	ZM_168_B1_A08		ZM_168_B1_A08_MR
77305	ZM_168_B1_A10		ZM_168_B1_A10_MR
77306	ZM_168_B1_A11		ZM_168_B1_A11_MR
77307	ZM_168_B1_A12		ZM_168_B1_A12_MR
77308	ZM_168_B1_B01		ZM_168_B1_B01_MR
77309	ZM_168_B1_B03		ZM_168_B1_B03_MR
77310	ZM_168_B1_B05		ZM_168_B1_B05_MR
77311	ZM_168_B1_B07		ZM_168_B1_B07_MR
77312	ZM_168_B1_B08		ZM_168_B1_B08_MR
77313	ZM_168_B1_B09		ZM_168_B1_B09_MR
77314	ZM_168_B1_B10		ZM_168_B1_B10_MR
77315	ZM_168_B1_C01		ZM_168_B1_C01_MR
77316	ZM_168_B1_C02		ZM_168_B1_C02_MR
77317	ZM_168_B1_C03		ZM_168_B1_C03_MR
77318	ZM_168_B1_C04		ZM_168_B1_C04_MR
77319	ZM_168_B1_C05		ZM_168_B1_C05_MR
77320	ZM_168_B1_C07		ZM_168_B1_C07_MR
77321	ZM_168_B1_C08		ZM_168_B1_C08_MR
77322	ZM_168_B1_C09		ZM_168_B1_C09_MR
77323	ZM_168_B1_C11		ZM_168_B1_C11_MR
77324	ZM_168_B1_C12		ZM_168_B1_C12_MR
77325	ZM_168_B1_D01		ZM_168_B1_D01_MR
77326	ZM_168_B1_D02		ZM_168_B1_D02_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77327	ZM_168_B1_D03		ZM_168_B1_D03_MR
77328	ZM_168_B1_D04		ZM_168_B1_D04_MR
77329	ZM_168_B1_D05		ZM_168_B1_D05_MR
77330	ZM_168_B1_D06		ZM_168_B1_D06_MR
77331	ZM_168_B1_D07		ZM_168_B1_D07_MR
77332	ZM_168_B1_D08		ZM_168_B1_D08_MR
77333	ZM_168_B1_D09		ZM_168_B1_D09_MR
77334	ZM_168_B1_D10		ZM_168_B1_D10_MR
77335	ZM_168_B1_D12		ZM_168_B1_D12_MR
77336	ZM_168_B1_E01		ZM_168_B1_E01_MR
77337	ZM_168_B1_E02		ZM_168_B1_E02_MR
77338	ZM_168_B1_E03		ZM_168_B1_E03_MR
77339	ZM_168_B1_E05		ZM_168_B1_E05_MR
77340	ZM_168_B1_E06		ZM_168_B1_E06_MR
77341	ZM_168_B1_E07		ZM_168_B1_E07_MR
77342	ZM_168_B1_E08		ZM_168_B1_E08_MR
77343	ZM_168_B1_E09		ZM_168_B1_E09_MR
77344	ZM_168_B1_E10		ZM_168_B1_E10_MR
77345	ZM_168_B1_E11		ZM_168_B1_E11_MR
77346	ZM_168_B1_E12		ZM_168_B1_E12_MR
77347	ZM_168_B1_F02		ZM_168_B1_F02_MR
77348	ZM_168_B1_F03		ZM_168_B1_F03_MR
77349	ZM_168_B1_F04		ZM_168_B1_F04_MR
77350	ZM_168_B1_F05		ZM_168_B1_F05_MR
77351	ZM_168_B1_F06		ZM_168_B1_F06_MR
77352	ZM_168_B1_F07		ZM_168_B1_F07_MR
77353	ZM_168_B1_F08		ZM_168_B1_F08_MR
77354	ZM_168_B1_F09		ZM_168_B1_F09_MR
77355	ZM_168_B1_F10		ZM_168_B1_F10_MR
77356	ZM_168_B1_F12		ZM_168_B1_F12_MR
77357	ZM_168_B1_G01		ZM_168_B1_G01_MR
77358	ZM_168_B1_G02		ZM_168_B1_G02_MR
77359	ZM_168_B1_G04		ZM_168_B1_G04_MR
77360	ZM_168_B1_G05		ZM_168_B1_G05_MR
77361	ZM_168_B1_G06		ZM_168_B1_G06_MR
77362	ZM_168_B1_G07		ZM_168_B1_G07_MR
77363	ZM_168_B1_G08		ZM_168_B1_G08_MR
77364	ZM_168_B1_G09		ZM_168_B1_G09_MR
77365	ZM_168_B1_G10		ZM_168_B1_G10_MR
77366	ZM_168_B1_G12		ZM_168_B1_G12_MR
77367	ZM_168_B1_H01		ZM_168_B1_H01_MR
77368	ZM_168_B1_H02		ZM_168_B1_H02_MR
77369	ZM_168_B1_H03		ZM_168_B1_H03_MR
77370	ZM_168_B1_H04		ZM_168_B1_H04_MR
77371	ZM_168_B1_H06		ZM_168_B1_H06_MR
77372	ZM_168_B1_H07		ZM_168_B1_H07_MR
77373	ZM_168_B1_H08		ZM_168_B1_H08_MR
77374	ZM_168_B1_H09		ZM_168_B1_H09_MR
77375	ZM_168_B1_H10		ZM_168_B1_H10_MR
77376	ZM_168_B1_H11		ZM_168_B1_H11_MR
77377	ZM_168_B2_A01		ZM_168_B2_A01_MR
77378	ZM_168_B2_A03		ZM_168_B2_A03_MR
77379	ZM_168_B2_A05		ZM_168_B2_A05_MR
77380	ZM_168_B2_A07		ZM_168_B2_A07_MR
77381	ZM_168_B2_A11		ZM_168_B2_A11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77382	ZM_168_B2_A12		ZM_168_B2_A12_MR
77383	ZM_168_B2_B01		ZM_168_B2_B01_MR
77384	ZM_168_B2_B02		ZM_168_B2_B02_MR
77385	ZM_168_B2_B03		ZM_168_B2_B03_MR
77386	ZM_168_B2_B04		ZM_168_B2_B04_MR
77387	ZM_168_B2_B05		ZM_168_B2_B05_MR
77388	ZM_168_B2_B08		ZM_168_B2_B08_MR
77389	ZM_168_B2_C01		ZM_168_B2_C01_MR
77390	ZM_168_B2_C03		ZM_168_B2_C03_MR
77391	ZM_168_B2_C04		ZM_168_B2_C04_MR
77392	ZM_168_B2_C06		ZM_168_B2_C06_MR
77393	ZM_168_B2_C07		ZM_168_B2_C07_MR
77394	ZM_168_B2_C09		ZM_168_B2_C09_MR
77395	ZM_168_B2_C12		ZM_168_B2_C12_MR
77396	ZM_168_B2_D02		ZM_168_B2_D02_MR
77397	ZM_168_B2_D04		ZM_168_B2_D04_MR
77398	ZM_168_B2_D06		ZM_168_B2_D06_MR
77399	ZM_168_B2_D08		ZM_168_B2_D08_MR
77400	ZM_168_B2_E01		ZM_168_B2_E01_MR
77401	ZM_168_B2_E04		ZM_168_B2_E04_MR
77402	ZM_168_B2_E05		ZM_168_B2_E05_MR
77403	ZM_168_B2_E06		ZM_168_B2_E06_MR
77404	ZM_168_B2_E08		ZM_168_B2_E08_MR
77405	ZM_168_B2_E10		ZM_168_B2_E10_MR
77406	ZM_168_B2_F01		ZM_168_B2_F01_MR
77407	ZM_168_B2_F04		ZM_168_B2_F04_MR
77408	ZM_168_B2_F11		ZM_168_B2_F11_MR
77409	ZM_168_B2_G01		ZM_168_B2_G01_MR
77410	ZM_168_B2_G02		ZM_168_B2_G02_MR
77411	ZM_168_B2_G03		ZM_168_B2_G03_MR
77412	ZM_168_B2_G11		ZM_168_B2_G11_MR
77413	ZM_168_B2_H01		ZM_168_B2_H01_MR
77414	ZM_168_B2_H02		ZM_168_B2_H02_MR
77415	ZM_168_B2_H04		ZM_168_B2_H04_MR
77416	ZM_168_B2_H06		ZM_168_B2_H06_MR
77417	ZM_168_B2_H08		ZM_168_B2_H08_MR
77418	ZM_169_A1_A01		ZM_169_A1_A01_MR
77419	ZM_169_A1_A04		ZM_169_A1_A04_MR
77420	ZM_169_A1_A05		ZM_169_A1_A05_MR
77421	ZM_169_A1_A06		ZM_169_A1_A06_MR
77422	ZM_169_A1_A07		ZM_169_A1_A07_MR
77423	ZM_169_A1_A08		ZM_169_A1_A08_MR
77424	ZM_169_A1_A09		ZM_169_A1_A09_MR
77425	ZM_169_A1_A10		ZM_169_A1_A10_MR
77426	ZM_169_A1_A11		ZM_169_A1_A11_MR
77427	ZM_169_A1_B01		ZM_169_A1_B01_MR
77428	ZM_169_A1_B02		ZM_169_A1_B02_MR
77429	ZM_169_A1_B03		ZM_169_A1_B03_MR
77430	ZM_169_A1_B04		ZM_169_A1_B04_MR
77431	ZM_169_A1_B06		ZM_169_A1_B06_MR
77432	ZM_169_A1_B07		ZM_169_A1_B07_MR
77433	ZM_169_A1_B08		ZM_169_A1_B08_MR
77434	ZM_169_A1_B09		ZM_169_A1_B09_MR
77435	ZM_169_A1_B11		ZM_169_A1_B11_MR
77436	ZM_169_A1_C01		ZM_169_A1_C01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77437	ZM_169_A1_C02		ZM_169_A1_C02_MR
77438	ZM_169_A1_C03		ZM_169_A1_C03_MR
77439	ZM_169_A1_C04		ZM_169_A1_C04_MR
77440	ZM_169_A1_C05		ZM_169_A1_C05_MR
77441	ZM_169_A1_C06		ZM_169_A1_C06_MR
77442	ZM_169_A1_C07		ZM_169_A1_C07_MR
77443	ZM_169_A1_C09		ZM_169_A1_C09_MR
77444	ZM_169_A1_D01		ZM_169_A1_D01_MR
77445	ZM_169_A1_D02		ZM_169_A1_D02_MR
77446	ZM_169_A1_D04		ZM_169_A1_D04_MR
77447	ZM_169_A1_D05		ZM_169_A1_D05_MR
77448	ZM_169_A1_D06		ZM_169_A1_D06_MR
77449	ZM_169_A1_D07		ZM_169_A1_D07_MR
77450	ZM_169_A1_D08		ZM_169_A1_D08_MR
77451	ZM_169_A1_D09		ZM_169_A1_D09_MR
77452	ZM_169_A1_D11		ZM_169_A1_D11_MR
77453	ZM_169_A1_E01		ZM_169_A1_E01_MR
77454	ZM_169_A1_E02		ZM_169_A1_E02_MR
77455	ZM_169_A1_E03		ZM_169_A1_E03_MR
77456	ZM_169_A1_E04		ZM_169_A1_E04_MR
77457	ZM_169_A1_E06		ZM_169_A1_E06_MR
77458	ZM_169_A1_E07		ZM_169_A1_E07_MR
77459	ZM_169_A1_E08		ZM_169_A1_E08_MR
77460	ZM_169_A1_E09		ZM_169_A1_E09_MR
77461	ZM_169_A1_E10		ZM_169_A1_E10_MR
77462	ZM_169_A1_E11		ZM_169_A1_E11_MR
77463	ZM_169_A1_F01		ZM_169_A1_F01_MR
77464	ZM_169_A1_F02		ZM_169_A1_F02_MR
77465	ZM_169_A1_F03		ZM_169_A1_F03_MR
77466	ZM_169_A1_F04		ZM_169_A1_F04_MR
77467	ZM_169_A1_F06		ZM_169_A1_F06_MR
77468	ZM_169_A1_F07		ZM_169_A1_F07_MR
77469	ZM_169_A1_F08		ZM_169_A1_F08_MR
77470	ZM_169_A1_F09		ZM_169_A1_F09_MR
77471	ZM_169_A1_F10		ZM_169_A1_F10_MR
77472	ZM_169_A1_F11		ZM_169_A1_F11_MR
77473	ZM_169_A1_G01		ZM_169_A1_G01_MR
77474	ZM_169_A1_G02		ZM_169_A1_G02_MR
77475	ZM_169_A1_G06		ZM_169_A1_G06_MR
77476	ZM_169_A1_G07		ZM_169_A1_G07_MR
77477	ZM_169_A1_G09		ZM_169_A1_G09_MR
77478	ZM_169_A1_G10		ZM_169_A1_G10_MR
77479	ZM_169_A1_G11		ZM_169_A1_G11_MR
77480	ZM_169_A1_H01		ZM_169_A1_H01_MR
77481	ZM_169_A1_H02		ZM_169_A1_H02_MR
77482	ZM_169_A1_H03		ZM_169_A1_H03_MR
77483	ZM_169_A1_H04		ZM_169_A1_H04_MR
77484	ZM_169_A1_H06		ZM_169_A1_H06_MR
77485	ZM_169_A1_H07		ZM_169_A1_H07_MR
77486	ZM_169_A1_H08		ZM_169_A1_H08_MR
77487	ZM_169_A1_H09		ZM_169_A1_H09_MR
77488	ZM_169_A1_H11		ZM_169_A1_H11_MR
77489	ZM_169_A2_A02		ZM_169_A2_A02_MR
77490	ZM_169_A2_A04		ZM_169_A2_A04_MR
77491	ZM_169_A2_A06		ZM_169_A2_A06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77492	ZM_169_A2_A10		ZM_169_A2_A10_MR
77493	ZM_169_A2_B01		ZM_169_A2_B01_MR
77494	ZM_169_A2_B05		ZM_169_A2_B05_MR
77495	ZM_169_A2_C02		ZM_169_A2_C02_MR
77496	ZM_169_A2_C04		ZM_169_A2_C04_MR
77497	ZM_169_A2_C05		ZM_169_A2_C05_MR
77498	ZM_169_A2_C07		ZM_169_A2_C07_MR
77499	ZM_169_A2_D02		ZM_169_A2_D02_MR
77500	ZM_169_A2_D03		ZM_169_A2_D03_MR
77501	ZM_169_A2_D04		ZM_169_A2_D04_MR
77502	ZM_169_A2_D05		ZM_169_A2_D05_MR
77503	ZM_169_A2_D06		ZM_169_A2_D06_MR
77504	ZM_169_A2_D10		ZM_169_A2_D10_MR
77505	ZM_169_A2_D12		ZM_169_A2_D12_MR
77506	ZM_169_A2_E04		ZM_169_A2_E04_MR
77507	ZM_169_A2_E05		ZM_169_A2_E05_MR
77508	ZM_169_A2_E06		ZM_169_A2_E06_MR
77509	ZM_169_A2_E10		ZM_169_A2_E10_MR
77510	ZM_169_A2_F09		ZM_169_A2_F09_MR
77511	ZM_169_A2_F11		ZM_169_A2_F11_MR
77512	ZM_169_A2_F12		ZM_169_A2_F12_MR
77513	ZM_169_A2_G01		ZM_169_A2_G01_MR
77514	ZM_169_A2_G03		ZM_169_A2_G03_MR
77515	ZM_169_A2_G04		ZM_169_A2_G04_MR
77516	ZM_169_A2_G06		ZM_169_A2_G06_MR
77517	ZM_169_A2_G07		ZM_169_A2_G07_MR
77518	ZM_169_A2_G08		ZM_169_A2_G08_MR
77519	ZM_169_A2_G10		ZM_169_A2_G10_MR
77520	ZM_169_A2_H01		ZM_169_A2_H01_MR
77521	ZM_169_A2_H06		ZM_169_A2_H06_MR
77522	ZM_169_A2_H07		ZM_169_A2_H07_MR
77523	ZM_169_A2_H09		ZM_169_A2_H09_MR
77524	ZM_169_A2_H11		ZM_169_A2_H11_MR
77525	ZM_169_A2_H12		ZM_169_A2_H12_MR
77526	ZM_169_B2_A02		ZM_169_B2_A02_MR
77527	ZM_169_B2_A04		ZM_169_B2_A04_MR
77528	ZM_169_B2_A05		ZM_169_B2_A05_MR
77529	ZM_169_B2_A07		ZM_169_B2_A07_MR
77530	ZM_169_B2_A08		ZM_169_B2_A08_MR
77531	ZM_169_B2_A09		ZM_169_B2_A09_MR
77532	ZM_169_B2_A10		ZM_169_B2_A10_MR
77533	ZM_169_B2_B01		ZM_169_B2_B01_MR
77534	ZM_169_B2_B02		ZM_169_B2_B02_MR
77535	ZM_169_B2_B03		ZM_169_B2_B03_MR
77536	ZM_169_B2_B04		ZM_169_B2_B04_MR
77537	ZM_169_B2_B05		ZM_169_B2_B05_MR
77538	ZM_169_B2_B07		ZM_169_B2_B07_MR
77539	ZM_169_B2_B09		ZM_169_B2_B09_MR
77540	ZM_169_B2_B10		ZM_169_B2_B10_MR
77541	ZM_169_B2_B11		ZM_169_B2_B11_MR
77542	ZM_169_B2_C01		ZM_169_B2_C01_MR
77543	ZM_169_B2_C02		ZM_169_B2_C02_MR
77544	ZM_169_B2_C04		ZM_169_B2_C04_MR
77545	ZM_169_B2_C05		ZM_169_B2_C05_MR
77546	ZM_169_B2_C07		ZM_169_B2_C07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77547	ZM_169_B2_C09		ZM_169_B2_C09_MR
77548	ZM_169_B2_C11		ZM_169_B2_C11_MR
77549	ZM_169_B2_D01		ZM_169_B2_D01_MR
77550	ZM_169_B2_D02		ZM_169_B2_D02_MR
77551	ZM_169_B2_D04		ZM_169_B2_D04_MR
77552	ZM_169_B2_D05		ZM_169_B2_D05_MR
77553	ZM_169_B2_D07		ZM_169_B2_D07_MR
77554	ZM_169_B2_D08		ZM_169_B2_D08_MR
77555	ZM_169_B2_D10		ZM_169_B2_D10_MR
77556	ZM_169_B2_E01		ZM_169_B2_E01_MR
77557	ZM_169_B2_E02		ZM_169_B2_E02_MR
77558	ZM_169_B2_E03		ZM_169_B2_E03_MR
77559	ZM_169_B2_E04		ZM_169_B2_E04_MR
77560	ZM_169_B2_E05		ZM_169_B2_E05_MR
77561	ZM_169_B2_E07		ZM_169_B2_E07_MR
77562	ZM_169_B2_E10		ZM_169_B2_E10_MR
77563	ZM_169_B2_F01		ZM_169_B2_F01_MR
77564	ZM_169_B2_F02		ZM_169_B2_F02_MR
77565	ZM_169_B2_F03		ZM_169_B2_F03_MR
77566	ZM_169_B2_F04		ZM_169_B2_F04_MR
77567	ZM_169_B2_F05		ZM_169_B2_F05_MR
77568	ZM_169_B2_F07		ZM_169_B2_F07_MR
77569	ZM_169_B2_F08		ZM_169_B2_F08_MR
77570	ZM_169_B2_F09		ZM_169_B2_F09_MR
77571	ZM_169_B2_F10		ZM_169_B2_F10_MR
77572	ZM_169_B2_F11		ZM_169_B2_F11_MR
77573	ZM_169_B2_F12		ZM_169_B2_F12_MR
77574	ZM_169_B2_G02		ZM_169_B2_G02_MR
77575	ZM_169_B2_G03		ZM_169_B2_G03_MR
77576	ZM_169_B2_G04		ZM_169_B2_G04_MR
77577	ZM_169_B2_G05		ZM_169_B2_G05_MR
77578	ZM_169_B2_G06		ZM_169_B2_G06_MR
77579	ZM_169_B2_G07		ZM_169_B2_G07_MR
77580	ZM_169_B2_G09		ZM_169_B2_G09_MR
77581	ZM_169_B2_G10		ZM_169_B2_G10_MR
77582	ZM_169_B2_G12		ZM_169_B2_G12_MR
77583	ZM_169_B2_H01		ZM_169_B2_H01_MR
77584	ZM_169_B2_H02		ZM_169_B2_H02_MR
77585	ZM_169_B2_H03		ZM_169_B2_H03_MR
77586	ZM_169_B2_H04		ZM_169_B2_H04_MR
77587	ZM_169_B2_H06		ZM_169_B2_H06_MR
77588	ZM_169_B2_H07		ZM_169_B2_H07_MR
77589	ZM_169_B2_H08		ZM_169_B2_H08_MR
77590	ZM_169_B2_H09		ZM_169_B2_H09_MR
77591	ZM_169_B2_H10		ZM_169_B2_H10_MR
77592	ZM_169_B2_H11		ZM_169_B2_H11_MR
77593	ZM_169_B2_H12		ZM_169_B2_H12_MR
77594	ZM_170_A1_A01		ZM_170_A1_A01_MR
77595	ZM_170_A1_A02		ZM_170_A1_A02_MR
77596	ZM_170_A1_A03		ZM_170_A1_A03_MR
77597	ZM_170_A1_A04		ZM_170_A1_A04_MR
77598	ZM_170_A1_A05		ZM_170_A1_A05_MR
77599	ZM_170_A1_A06		ZM_170_A1_A06_MR
77600	ZM_170_A1_A08		ZM_170_A1_A08_MR
77601	ZM_170_A1_A09		ZM_170_A1_A09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77602	ZM_170_A1_A10		ZM_170_A1_A10_MR
77603	ZM_170_A1_A11		ZM_170_A1_A11_MR
77604	ZM_170_A1_A12		ZM_170_A1_A12_MR
77605	ZM_170_A1_B01		ZM_170_A1_B01_MR
77606	ZM_170_A1_B02		ZM_170_A1_B02_MR
77607	ZM_170_A1_B03		ZM_170_A1_B03_MR
77608	ZM_170_A1_B04		ZM_170_A1_B04_MR
77609	ZM_170_A1_B05		ZM_170_A1_B05_MR
77610	ZM_170_A1_B06		ZM_170_A1_B06_MR
77611	ZM_170_A1_B07		ZM_170_A1_B07_MR
77612	ZM_170_A1_B08		ZM_170_A1_B08_MR
77613	ZM_170_A1_B09		ZM_170_A1_B09_MR
77614	ZM_170_A1_B10		ZM_170_A1_B10_MR
77615	ZM_170_A1_B11		ZM_170_A1_B11_MR
77616	ZM_170_A1_B12		ZM_170_A1_B12_MR
77617	ZM_170_A1_C01		ZM_170_A1_C01_MR
77618	ZM_170_A1_C02		ZM_170_A1_C02_MR
77619	ZM_170_A1_C03		ZM_170_A1_C03_MR
77620	ZM_170_A1_C04		ZM_170_A1_C04_MR
77621	ZM_170_A1_C05		ZM_170_A1_C05_MR
77622	ZM_170_A1_C06		ZM_170_A1_C06_MR
77623	ZM_170_A1_C07		ZM_170_A1_C07_MR
77624	ZM_170_A1_C08		ZM_170_A1_C08_MR
77625	ZM_170_A1_C09		ZM_170_A1_C09_MR
77626	ZM_170_A1_C10		ZM_170_A1_C10_MR
77627	ZM_170_A1_C11		ZM_170_A1_C11_MR
77628	ZM_170_A1_C12		ZM_170_A1_C12_MR
77629	ZM_170_A1_D01		ZM_170_A1_D01_MR
77630	ZM_170_A1_D02		ZM_170_A1_D02_MR
77631	ZM_170_A1_D03		ZM_170_A1_D03_MR
77632	ZM_170_A1_D04		ZM_170_A1_D04_MR
77633	ZM_170_A1_D05		ZM_170_A1_D05_MR
77634	ZM_170_A1_D06		ZM_170_A1_D06_MR
77635	ZM_170_A1_D07		ZM_170_A1_D07_MR
77636	ZM_170_A1_D08		ZM_170_A1_D08_MR
77637	ZM_170_A1_D09		ZM_170_A1_D09_MR
77638	ZM_170_A1_D10		ZM_170_A1_D10_MR
77639	ZM_170_A1_D11		ZM_170_A1_D11_MR
77640	ZM_170_A1_D12		ZM_170_A1_D12_MR
77641	ZM_170_A1_E01		ZM_170_A1_E01_MR
77642	ZM_170_A1_E02		ZM_170_A1_E02_MR
77643	ZM_170_A1_E03		ZM_170_A1_E03_MR
77644	ZM_170_A1_E04		ZM_170_A1_E04_MR
77645	ZM_170_A1_E05		ZM_170_A1_E05_MR
77646	ZM_170_A1_E06		ZM_170_A1_E06_MR
77647	ZM_170_A1_E07		ZM_170_A1_E07_MR
77648	ZM_170_A1_E08		ZM_170_A1_E08_MR
77649	ZM_170_A1_E09		ZM_170_A1_E09_MR
77650	ZM_170_A1_E10		ZM_170_A1_E10_MR
77651	ZM_170_A1_E11		ZM_170_A1_E11_MR
77652	ZM_170_A1_E12		ZM_170_A1_E12_MR
77653	ZM_170_A1_F01		ZM_170_A1_F01_MR
77654	ZM_170_A1_F02		ZM_170_A1_F02_MR
77655	ZM_170_A1_F03		ZM_170_A1_F03_MR
77656	ZM_170_A1_F04		ZM_170_A1_F04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77657	ZM_170_A1_F05		ZM_170_A1_F05_MR
77658	ZM_170_A1_F06		ZM_170_A1_F06_MR
77659	ZM_170_A1_F07		ZM_170_A1_F07_MR
77660	ZM_170_A1_F08		ZM_170_A1_F08_MR
77661	ZM_170_A1_F09		ZM_170_A1_F09_MR
77662	ZM_170_A1_F10		ZM_170_A1_F10_MR
77663	ZM_170_A1_F11		ZM_170_A1_F11_MR
77664	ZM_170_A1_F12		ZM_170_A1_F12_MR
77665	ZM_170_A1_G01		ZM_170_A1_G01_MR
77666	ZM_170_A1_G02		ZM_170_A1_G02_MR
77667	ZM_170_A1_G03		ZM_170_A1_G03_MR
77668	ZM_170_A1_G04		ZM_170_A1_G04_MR
77669	ZM_170_A1_G05		ZM_170_A1_G05_MR
77670	ZM_170_A1_G06		ZM_170_A1_G06_MR
77671	ZM_170_A1_G07		ZM_170_A1_G07_MR
77672	ZM_170_A1_G08		ZM_170_A1_G08_MR
77673	ZM_170_A1_G09		ZM_170_A1_G09_MR
77674	ZM_170_A1_G10		ZM_170_A1_G10_MR
77675	ZM_170_A1_G11		ZM_170_A1_G11_MR
77676	ZM_170_A1_G12		ZM_170_A1_G12_MR
77677	ZM_170_A1_H01		ZM_170_A1_H01_MR
77678	ZM_170_A1_H02		ZM_170_A1_H02_MR
77679	ZM_170_A1_H03		ZM_170_A1_H03_MR
77680	ZM_170_A1_H04		ZM_170_A1_H04_MR
77681	ZM_170_A1_H06		ZM_170_A1_H06_MR
77682	ZM_170_A1_H07		ZM_170_A1_H07_MR
77683	ZM_170_A1_H09		ZM_170_A1_H09_MR
77684	ZM_170_A1_H10		ZM_170_A1_H10_MR
77685	ZM_170_A1_H11		ZM_170_A1_H11_MR
77686	ZM_170_A1_H12		ZM_170_A1_H12_MR
77687	ZM_170_B1_A02		ZM_170_B1_A02_MR
77688	ZM_170_B1_A04		ZM_170_B1_A04_MR
77689	ZM_170_B1_A05		ZM_170_B1_A05_MR
77690	ZM_170_B1_B02		ZM_170_B1_B02_MR
77691	ZM_170_B1_B04		ZM_170_B1_B04_MR
77692	ZM_170_B1_B05		ZM_170_B1_B05_MR
77693	ZM_170_B1_B09		ZM_170_B1_B09_MR
77694	ZM_170_B1_C02		ZM_170_B1_C02_MR
77695	ZM_170_B1_C03		ZM_170_B1_C03_MR
77696	ZM_170_B1_C04		ZM_170_B1_C04_MR
77697	ZM_170_B1_C05		ZM_170_B1_C05_MR
77698	ZM_170_B1_C12		ZM_170_B1_C12_MR
77699	ZM_170_B1_D01		ZM_170_B1_D01_MR
77700	ZM_170_B1_D04		ZM_170_B1_D04_MR
77701	ZM_170_B1_D10		ZM_170_B1_D10_MR
77702	ZM_170_B1_D11		ZM_170_B1_D11_MR
77703	ZM_170_B1_E01		ZM_170_B1_E01_MR
77704	ZM_170_B1_E02		ZM_170_B1_E02_MR
77705	ZM_170_B1_E10		ZM_170_B1_E10_MR
77706	ZM_170_B1_E11		ZM_170_B1_E11_MR
77707	ZM_170_B1_F01		ZM_170_B1_F01_MR
77708	ZM_170_B1_F02		ZM_170_B1_F02_MR
77709	ZM_170_B1_F03		ZM_170_B1_F03_MR
77710	ZM_170_B1_F04		ZM_170_B1_F04_MR
77711	ZM_170_B1_F05		ZM_170_B1_F05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77712	ZM_170_B1_G01		ZM_170_B1_G01_MR
77713	ZM_170_B1_G02		ZM_170_B1_G02_MR
77714	ZM_170_B1_G04		ZM_170_B1_G04_MR
77715	ZM_170_B1_G05		ZM_170_B1_G05_MR
77716	ZM_170_B1_G06		ZM_170_B1_G06_MR
77717	ZM_170_B1_G08		ZM_170_B1_G08_MR
77718	ZM_170_B1_H01		ZM_170_B1_H01_MR
77719	ZM_170_B1_H02		ZM_170_B1_H02_MR
77720	ZM_170_B1_H03		ZM_170_B1_H03_MR
77721	ZM_170_B1_H04		ZM_170_B1_H04_MR
77722	ZM_170_B1_H05		ZM_170_B1_H05_MR
77723	ZM_170_B1_H10		ZM_170_B1_H10_MR
77724	ZM_170_B2_A01		ZM_170_B2_A01_MR
77725	ZM_170_B2_B01		ZM_170_B2_B01_MR
77726	ZM_170_B2_B09		ZM_170_B2_B09_MR
77727	ZM_170_B2_C01		ZM_170_B2_C01_MR
77728	ZM_170_B2_C07		ZM_170_B2_C07_MR
77729	ZM_170_B2_D01		ZM_170_B2_D01_MR
77730	ZM_170_B2_D04		ZM_170_B2_D04_MR
77731	ZM_170_B2_D05		ZM_170_B2_D05_MR
77732	ZM_170_B2_E06		ZM_170_B2_E06_MR
77733	ZM_170_B2_E10		ZM_170_B2_E10_MR
77734	ZM_170_B2_F05		ZM_170_B2_F05_MR
77735	ZM_170_B2_G01		ZM_170_B2_G01_MR
77736	ZM_170_B2_G04		ZM_170_B2_G04_MR
77737	ZM_170_B2_G11		ZM_170_B2_G11_MR
77738	ZM_170_B2_H01		ZM_170_B2_H01_MR
77739	ZM_170_B2_H12		ZM_170_B2_H12_MR
77740	ZM_171_A1_A01		ZM_171_A1_A01_MR
77741	ZM_171_A1_A02		ZM_171_A1_A02_MR
77742	ZM_171_A1_A03		ZM_171_A1_A03_MR
77743	ZM_171_A1_A04		ZM_171_A1_A04_MR
77744	ZM_171_A1_A05		ZM_171_A1_A05_MR
77745	ZM_171_A1_A06		ZM_171_A1_A06_MR
77746	ZM_171_A1_A08		ZM_171_A1_A08_MR
77747	ZM_171_A1_A09		ZM_171_A1_A09_MR
77748	ZM_171_A1_A10		ZM_171_A1_A10_MR
77749	ZM_171_A1_A11		ZM_171_A1_A11_MR
77750	ZM_171_A1_A12		ZM_171_A1_A12_MR
77751	ZM_171_A1_B01		ZM_171_A1_B01_MR
77752	ZM_171_A1_B03		ZM_171_A1_B03_MR
77753	ZM_171_A1_B04		ZM_171_A1_B04_MR
77754	ZM_171_A1_B05		ZM_171_A1_B05_MR
77755	ZM_171_A1_B06		ZM_171_A1_B06_MR
77756	ZM_171_A1_B07		ZM_171_A1_B07_MR
77757	ZM_171_A1_B08		ZM_171_A1_B08_MR
77758	ZM_171_A1_B09		ZM_171_A1_B09_MR
77759	ZM_171_A1_B10		ZM_171_A1_B10_MR
77760	ZM_171_A1_B11		ZM_171_A1_B11_MR
77761	ZM_171_A1_B12		ZM_171_A1_B12_MR
77762	ZM_171_A1_C01		ZM_171_A1_C01_MR
77763	ZM_171_A1_C02		ZM_171_A1_C02_MR
77764	ZM_171_A1_C03		ZM_171_A1_C03_MR
77765	ZM_171_A1_C04		ZM_171_A1_C04_MR
77766	ZM_171_A1_C05		ZM_171_A1_C05_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77767	ZM_171_A1_C06		ZM_171_A1_C06_MR
77768	ZM_171_A1_C07		ZM_171_A1_C07_MR
77769	ZM_171_A1_C08		ZM_171_A1_C08_MR
77770	ZM_171_A1_C09		ZM_171_A1_C09_MR
77771	ZM_171_A1_C10		ZM_171_A1_C10_MR
77772	ZM_171_A1_C11		ZM_171_A1_C11_MR
77773	ZM_171_A1_C12		ZM_171_A1_C12_MR
77774	ZM_171_A1_D01		ZM_171_A1_D01_MR
77775	ZM_171_A1_D03		ZM_171_A1_D03_MR
77776	ZM_171_A1_D04		ZM_171_A1_D04_MR
77777	ZM_171_A1_D05		ZM_171_A1_D05_MR
77778	ZM_171_A1_D06		ZM_171_A1_D06_MR
77779	ZM_171_A1_D07		ZM_171_A1_D07_MR
77780	ZM_171_A1_D08		ZM_171_A1_D08_MR
77781	ZM_171_A1_D09		ZM_171_A1_D09_MR
77782	ZM_171_A1_D10		ZM_171_A1_D10_MR
77783	ZM_171_A1_D12		ZM_171_A1_D12_MR
77784	ZM_171_A1_E01		ZM_171_A1_E01_MR
77785	ZM_171_A1_E02		ZM_171_A1_E02_MR
77786	ZM_171_A1_E04		ZM_171_A1_E04_MR
77787	ZM_171_A1_E05		ZM_171_A1_E05_MR
77788	ZM_171_A1_E06		ZM_171_A1_E06_MR
77789	ZM_171_A1_E07		ZM_171_A1_E07_MR
77790	ZM_171_A1_E08		ZM_171_A1_E08_MR
77791	ZM_171_A1_E10		ZM_171_A1_E10_MR
77792	ZM_171_A1_E11		ZM_171_A1_E11_MR
77793	ZM_171_A1_E12		ZM_171_A1_E12_MR
77794	ZM_171_A1_F01		ZM_171_A1_F01_MR
77795	ZM_171_A1_F02		ZM_171_A1_F02_MR
77796	ZM_171_A1_F03		ZM_171_A1_F03_MR
77797	ZM_171_A1_F04		ZM_171_A1_F04_MR
77798	ZM_171_A1_F05		ZM_171_A1_F05_MR
77799	ZM_171_A1_F06		ZM_171_A1_F06_MR
77800	ZM_171_A1_F07		ZM_171_A1_F07_MR
77801	ZM_171_A1_F08		ZM_171_A1_F08_MR
77802	ZM_171_A1_F09		ZM_171_A1_F09_MR
77803	ZM_171_A1_F10		ZM_171_A1_F10_MR
77804	ZM_171_A1_F11		ZM_171_A1_F11_MR
77805	ZM_171_A1_G02		ZM_171_A1_G02_MR
77806	ZM_171_A1_G04		ZM_171_A1_G04_MR
77807	ZM_171_A1_G05		ZM_171_A1_G05_MR
77808	ZM_171_A1_G06		ZM_171_A1_G06_MR
77809	ZM_171_A1_G08		ZM_171_A1_G08_MR
77810	ZM_171_A1_G09		ZM_171_A1_G09_MR
77811	ZM_171_A1_G10		ZM_171_A1_G10_MR
77812	ZM_171_A1_G11		ZM_171_A1_G11_MR
77813	ZM_171_A1_G12		ZM_171_A1_G12_MR
77814	ZM_171_A1_H02		ZM_171_A1_H02_MR
77815	ZM_171_A1_H03		ZM_171_A1_H03_MR
77816	ZM_171_A1_H04		ZM_171_A1_H04_MR
77817	ZM_171_A1_H06		ZM_171_A1_H06_MR
77818	ZM_171_A1_H07		ZM_171_A1_H07_MR
77819	ZM_171_A1_H10		ZM_171_A1_H10_MR
77820	ZM_171_A1_H11		ZM_171_A1_H11_MR
77821	ZM_171_A2_A01		ZM_171_A2_A01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77822	ZM_171_A2_A02		ZM_171_A2_A02_MR
77823	ZM_171_A2_A03		ZM_171_A2_A03_MR
77824	ZM_171_A2_A04		ZM_171_A2_A04_MR
77825	ZM_171_A2_A06		ZM_171_A2_A06_MR
77826	ZM_171_A2_A07		ZM_171_A2_A07_MR
77827	ZM_171_A2_A10		ZM_171_A2_A10_MR
77828	ZM_171_A2_A11		ZM_171_A2_A11_MR
77829	ZM_171_A2_A12		ZM_171_A2_A12_MR
77830	ZM_171_A2_B01		ZM_171_A2_B01_MR
77831	ZM_171_A2_B02		ZM_171_A2_B02_MR
77832	ZM_171_A2_B03		ZM_171_A2_B03_MR
77833	ZM_171_A2_B04		ZM_171_A2_B04_MR
77834	ZM_171_A2_B05		ZM_171_A2_B05_MR
77835	ZM_171_A2_B06		ZM_171_A2_B06_MR
77836	ZM_171_A2_B07		ZM_171_A2_B07_MR
77837	ZM_171_A2_B08		ZM_171_A2_B08_MR
77838	ZM_171_A2_B09		ZM_171_A2_B09_MR
77839	ZM_171_A2_B10		ZM_171_A2_B10_MR
77840	ZM_171_A2_B11		ZM_171_A2_B11_MR
77841	ZM_171_A2_B12		ZM_171_A2_B12_MR
77842	ZM_171_A2_C01		ZM_171_A2_C01_MR
77843	ZM_171_A2_C02		ZM_171_A2_C02_MR
77844	ZM_171_A2_C03		ZM_171_A2_C03_MR
77845	ZM_171_A2_C04		ZM_171_A2_C04_MR
77846	ZM_171_A2_C06		ZM_171_A2_C06_MR
77847	ZM_171_A2_C07		ZM_171_A2_C07_MR
77848	ZM_171_A2_C08		ZM_171_A2_C08_MR
77849	ZM_171_A2_C09		ZM_171_A2_C09_MR
77850	ZM_171_A2_C11		ZM_171_A2_C11_MR
77851	ZM_171_A2_C12		ZM_171_A2_C12_MR
77852	ZM_171_A2_D01		ZM_171_A2_D01_MR
77853	ZM_171_A2_D02		ZM_171_A2_D02_MR
77854	ZM_171_A2_D03		ZM_171_A2_D03_MR
77855	ZM_171_A2_D04		ZM_171_A2_D04_MR
77856	ZM_171_A2_D05		ZM_171_A2_D05_MR
77857	ZM_171_A2_D06		ZM_171_A2_D06_MR
77858	ZM_171_A2_D08		ZM_171_A2_D08_MR
77859	ZM_171_A2_D09		ZM_171_A2_D09_MR
77860	ZM_171_A2_D10		ZM_171_A2_D10_MR
77861	ZM_171_A2_D11		ZM_171_A2_D11_MR
77862	ZM_171_A2_D12		ZM_171_A2_D12_MR
77863	ZM_171_A2_E01		ZM_171_A2_E01_MR
77864	ZM_171_A2_E02		ZM_171_A2_E02_MR
77865	ZM_171_A2_E03		ZM_171_A2_E03_MR
77866	ZM_171_A2_E04		ZM_171_A2_E04_MR
77867	ZM_171_A2_E05		ZM_171_A2_E05_MR
77868	ZM_171_A2_E06		ZM_171_A2_E06_MR
77869	ZM_171_A2_E07		ZM_171_A2_E07_MR
77870	ZM_171_A2_E08		ZM_171_A2_E08_MR
77871	ZM_171_A2_E09		ZM_171_A2_E09_MR
77872	ZM_171_A2_E11		ZM_171_A2_E11_MR
77873	ZM_171_A2_E12		ZM_171_A2_E12_MR
77874	ZM_171_A2_F01		ZM_171_A2_F01_MR
77875	ZM_171_A2_F02		ZM_171_A2_F02_MR
77876	ZM_171_A2_F03		ZM_171_A2_F03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77877	ZM_171_A2_F04		ZM_171_A2_F04_MR
77878	ZM_171_A2_F05		ZM_171_A2_F05_MR
77879	ZM_171_A2_F06		ZM_171_A2_F06_MR
77880	ZM_171_A2_F07		ZM_171_A2_F07_MR
77881	ZM_171_A2_F08		ZM_171_A2_F08_MR
77882	ZM_171_A2_F09		ZM_171_A2_F09_MR
77883	ZM_171_A2_F10		ZM_171_A2_F10_MR
77884	ZM_171_A2_F11		ZM_171_A2_F11_MR
77885	ZM_171_A2_G01		ZM_171_A2_G01_MR
77886	ZM_171_A2_G02		ZM_171_A2_G02_MR
77887	ZM_171_A2_G03		ZM_171_A2_G03_MR
77888	ZM_171_A2_G04		ZM_171_A2_G04_MR
77889	ZM_171_A2_G05		ZM_171_A2_G05_MR
77890	ZM_171_A2_G06		ZM_171_A2_G06_MR
77891	ZM_171_A2_G07		ZM_171_A2_G07_MR
77892	ZM_171_A2_G08		ZM_171_A2_G08_MR
77893	ZM_171_A2_G09		ZM_171_A2_G09_MR
77894	ZM_171_A2_G10		ZM_171_A2_G10_MR
77895	ZM_171_A2_G12		ZM_171_A2_G12_MR
77896	ZM_171_A2_H01		ZM_171_A2_H01_MR
77897	ZM_171_A2_H02		ZM_171_A2_H02_MR
77898	ZM_171_A2_H03		ZM_171_A2_H03_MR
77899	ZM_171_A2_H04		ZM_171_A2_H04_MR
77900	ZM_171_A2_H05		ZM_171_A2_H05_MR
77901	ZM_171_A2_H06		ZM_171_A2_H06_MR
77902	ZM_171_A2_H07		ZM_171_A2_H07_MR
77903	ZM_171_A2_H08		ZM_171_A2_H08_MR
77904	ZM_171_A2_H09		ZM_171_A2_H09_MR
77905	ZM_171_A2_H10		ZM_171_A2_H10_MR
77906	ZM_171_A2_H12		ZM_171_A2_H12_MR
77907	ZM_171_B1_A01		ZM_171_B1_A01_MR
77908	ZM_171_B1_A02		ZM_171_B1_A02_MR
77909	ZM_171_B1_A03		ZM_171_B1_A03_MR
77910	ZM_171_B1_A04		ZM_171_B1_A04_MR
77911	ZM_171_B1_A05		ZM_171_B1_A05_MR
77912	ZM_171_B1_B02		ZM_171_B1_B02_MR
77913	ZM_171_B1_B03		ZM_171_B1_B03_MR
77914	ZM_171_B1_B05		ZM_171_B1_B05_MR
77915	ZM_171_B1_B06		ZM_171_B1_B06_MR
77916	ZM_171_B1_C01		ZM_171_B1_C01_MR
77917	ZM_171_B1_C02		ZM_171_B1_C02_MR
77918	ZM_171_B1_C03		ZM_171_B1_C03_MR
77919	ZM_171_B1_C04		ZM_171_B1_C04_MR
77920	ZM_171_B1_C05		ZM_171_B1_C05_MR
77921	ZM_171_B1_C06		ZM_171_B1_C06_MR
77922	ZM_171_B1_C07		ZM_171_B1_C07_MR
77923	ZM_171_B1_C09		ZM_171_B1_C09_MR
77924	ZM_171_B1_D01		ZM_171_B1_D01_MR
77925	ZM_171_B1_D02		ZM_171_B1_D02_MR
77926	ZM_171_B1_D03		ZM_171_B1_D03_MR
77927	ZM_171_B1_D04		ZM_171_B1_D04_MR
77928	ZM_171_B1_D05		ZM_171_B1_D05_MR
77929	ZM_171_B1_D07		ZM_171_B1_D07_MR
77930	ZM_171_B1_D10		ZM_171_B1_D10_MR
77931	ZM_171_B1_E01		ZM_171_B1_E01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77932	ZM_171_B1_E02		ZM_171_B1_E02_MR
77933	ZM_171_B1_E04		ZM_171_B1_E04_MR
77934	ZM_171_B1_E05		ZM_171_B1_E05_MR
77935	ZM_171_B1_E08		ZM_171_B1_E08_MR
77936	ZM_171_B1_E09		ZM_171_B1_E09_MR
77937	ZM_171_B1_E10		ZM_171_B1_E10_MR
77938	ZM_171_B1_F01		ZM_171_B1_F01_MR
77939	ZM_171_B1_F02		ZM_171_B1_F02_MR
77940	ZM_171_B1_F03		ZM_171_B1_F03_MR
77941	ZM_171_B1_F04		ZM_171_B1_F04_MR
77942	ZM_171_B1_F05		ZM_171_B1_F05_MR
77943	ZM_171_B1_F06		ZM_171_B1_F06_MR
77944	ZM_171_B1_F07		ZM_171_B1_F07_MR
77945	ZM_171_B1_F08		ZM_171_B1_F08_MR
77946	ZM_171_B1_F09		ZM_171_B1_F09_MR
77947	ZM_171_B1_F12		ZM_171_B1_F12_MR
77948	ZM_171_B1_G01		ZM_171_B1_G01_MR
77949	ZM_171_B1_G03		ZM_171_B1_G03_MR
77950	ZM_171_B1_G04		ZM_171_B1_G04_MR
77951	ZM_171_B1_G05		ZM_171_B1_G05_MR
77952	ZM_171_B1_G07		ZM_171_B1_G07_MR
77953	ZM_171_B1_G09		ZM_171_B1_G09_MR
77954	ZM_171_B1_G10		ZM_171_B1_G10_MR
77955	ZM_171_B1_H01		ZM_171_B1_H01_MR
77956	ZM_171_B1_H02		ZM_171_B1_H02_MR
77957	ZM_171_B1_H03		ZM_171_B1_H03_MR
77958	ZM_171_B1_H04		ZM_171_B1_H04_MR
77959	ZM_171_B1_H06		ZM_171_B1_H06_MR
77960	ZM_171_B1_H07		ZM_171_B1_H07_MR
77961	ZM_171_B1_H09		ZM_171_B1_H09_MR
77962	ZM_172_A1_A03		ZM_172_A1_A03_MR
77963	ZM_172_A1_A04		ZM_172_A1_A04_MR
77964	ZM_172_A1_A08		ZM_172_A1_A08_MR
77965	ZM_172_A1_A10		ZM_172_A1_A10_MR
77966	ZM_172_A1_A12		ZM_172_A1_A12_MR
77967	ZM_172_A1_B03		ZM_172_A1_B03_MR
77968	ZM_172_A1_B04		ZM_172_A1_B04_MR
77969	ZM_172_A1_B07		ZM_172_A1_B07_MR
77970	ZM_172_A1_B08		ZM_172_A1_B08_MR
77971	ZM_172_A1_B09		ZM_172_A1_B09_MR
77972	ZM_172_A1_B10		ZM_172_A1_B10_MR
77973	ZM_172_A1_B12		ZM_172_A1_B12_MR
77974	ZM_172_A1_C01		ZM_172_A1_C01_MR
77975	ZM_172_A1_C03		ZM_172_A1_C03_MR
77976	ZM_172_A1_C05		ZM_172_A1_C05_MR
77977	ZM_172_A1_C07		ZM_172_A1_C07_MR
77978	ZM_172_A1_C08		ZM_172_A1_C08_MR
77979	ZM_172_A1_C11		ZM_172_A1_C11_MR
77980	ZM_172_A1_C12		ZM_172_A1_C12_MR
77981	ZM_172_A1_D02		ZM_172_A1_D02_MR
77982	ZM_172_A1_D03		ZM_172_A1_D03_MR
77983	ZM_172_A1_D04		ZM_172_A1_D04_MR
77984	ZM_172_A1_D05		ZM_172_A1_D05_MR
77985	ZM_172_A1_D07		ZM_172_A1_D07_MR
77986	ZM_172_A1_D08		ZM_172_A1_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
77987	ZM_172_A1_D10		ZM_172_A1_D10_MR
77988	ZM_172_A1_D11		ZM_172_A1_D11_MR
77989	ZM_172_A1_D12		ZM_172_A1_D12_MR
77990	ZM_172_A1_E01		ZM_172_A1_E01_MR
77991	ZM_172_A1_E03		ZM_172_A1_E03_MR
77992	ZM_172_A1_E04		ZM_172_A1_E04_MR
77993	ZM_172_A1_E06		ZM_172_A1_E06_MR
77994	ZM_172_A1_E09		ZM_172_A1_E09_MR
77995	ZM_172_A1_E10		ZM_172_A1_E10_MR
77996	ZM_172_A1_E12		ZM_172_A1_E12_MR
77997	ZM_172_A1_F03		ZM_172_A1_F03_MR
77998	ZM_172_A1_F07		ZM_172_A1_F07_MR
77999	ZM_172_A1_F09		ZM_172_A1_F09_MR
78000	ZM_172_A1_F10		ZM_172_A1_F10_MR
78001	ZM_172_A1_F12		ZM_172_A1_F12_MR
78002	ZM_172_A1_G01		ZM_172_A1_G01_MR
78003	ZM_172_A1_G02		ZM_172_A1_G02_MR
78004	ZM_172_A1_G04		ZM_172_A1_G04_MR
78005	ZM_172_A1_G05		ZM_172_A1_G05_MR
78006	ZM_172_A1_G06		ZM_172_A1_G06_MR
78007	ZM_172_A1_G07		ZM_172_A1_G07_MR
78008	ZM_172_A1_G08		ZM_172_A1_G08_MR
78009	ZM_172_A1_G09		ZM_172_A1_G09_MR
78010	ZM_172_A1_G10		ZM_172_A1_G10_MR
78011	ZM_172_A1_G12		ZM_172_A1_G12_MR
78012	ZM_172_A1_H01		ZM_172_A1_H01_MR
78013	ZM_172_A1_H02		ZM_172_A1_H02_MR
78014	ZM_172_A1_H03		ZM_172_A1_H03_MR
78015	ZM_172_A1_H04		ZM_172_A1_H04_MR
78016	ZM_172_A1_H08		ZM_172_A1_H08_MR
78017	ZM_172_A1_H10		ZM_172_A1_H10_MR
78018	ZM_172_A1_H11		ZM_172_A1_H11_MR
78019	ZM_172_A1_H12		ZM_172_A1_H12_MR
78020	ZM_172_B1_A01		ZM_172_B1_A01_MR
78021	ZM_172_B1_A02		ZM_172_B1_A02_MR
78022	ZM_172_B1_A05		ZM_172_B1_A05_MR
78023	ZM_172_B1_A06		ZM_172_B1_A06_MR
78024	ZM_172_B1_A07		ZM_172_B1_A07_MR
78025	ZM_172_B1_A09		ZM_172_B1_A09_MR
78026	ZM_172_B1_A10		ZM_172_B1_A10_MR
78027	ZM_172_B1_A11		ZM_172_B1_A11_MR
78028	ZM_172_B1_B01		ZM_172_B1_B01_MR
78029	ZM_172_B1_B02		ZM_172_B1_B02_MR
78030	ZM_172_B1_B05		ZM_172_B1_B05_MR
78031	ZM_172_B1_B07		ZM_172_B1_B07_MR
78032	ZM_172_B1_B10		ZM_172_B1_B10_MR
78033	ZM_172_B1_C01		ZM_172_B1_C01_MR
78034	ZM_172_B1_C02		ZM_172_B1_C02_MR
78035	ZM_172_B1_C03		ZM_172_B1_C03_MR
78036	ZM_172_B1_C06		ZM_172_B1_C06_MR
78037	ZM_172_B1_C08		ZM_172_B1_C08_MR
78038	ZM_172_B1_C09		ZM_172_B1_C09_MR
78039	ZM_172_B1_C10		ZM_172_B1_C10_MR
78040	ZM_172_B1_C11		ZM_172_B1_C11_MR
78041	ZM_172_B1_C12		ZM_172_B1_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78042	ZM_172_B1_D03		ZM_172_B1_D03_MR
78043	ZM_172_B1_D04		ZM_172_B1_D04_MR
78044	ZM_172_B1_D05		ZM_172_B1_D05_MR
78045	ZM_172_B1_D06		ZM_172_B1_D06_MR
78046	ZM_172_B1_D09		ZM_172_B1_D09_MR
78047	ZM_172_B1_D10		ZM_172_B1_D10_MR
78048	ZM_172_B1_D11		ZM_172_B1_D11_MR
78049	ZM_172_B1_E01		ZM_172_B1_E01_MR
78050	ZM_172_B1_E02		ZM_172_B1_E02_MR
78051	ZM_172_B1_E03		ZM_172_B1_E03_MR
78052	ZM_172_B1_E05		ZM_172_B1_E05_MR
78053	ZM_172_B1_E06		ZM_172_B1_E06_MR
78054	ZM_172_B1_E09		ZM_172_B1_E09_MR
78055	ZM_172_B1_E10		ZM_172_B1_E10_MR
78056	ZM_172_B1_E12		ZM_172_B1_E12_MR
78057	ZM_172_B1_F01		ZM_172_B1_F01_MR
78058	ZM_172_B1_F02		ZM_172_B1_F02_MR
78059	ZM_172_B1_F05		ZM_172_B1_F05_MR
78060	ZM_172_B1_F07		ZM_172_B1_F07_MR
78061	ZM_172_B1_F08		ZM_172_B1_F08_MR
78062	ZM_172_B1_F09		ZM_172_B1_F09_MR
78063	ZM_172_B1_F10		ZM_172_B1_F10_MR
78064	ZM_172_B1_G01		ZM_172_B1_G01_MR
78065	ZM_172_B1_G02		ZM_172_B1_G02_MR
78066	ZM_172_B1_G06		ZM_172_B1_G06_MR
78067	ZM_172_B1_G08		ZM_172_B1_G08_MR
78068	ZM_172_B1_G09		ZM_172_B1_G09_MR
78069	ZM_172_B1_G12		ZM_172_B1_G12_MR
78070	ZM_172_B1_H01		ZM_172_B1_H01_MR
78071	ZM_172_B1_H02		ZM_172_B1_H02_MR
78072	ZM_172_B1_H04		ZM_172_B1_H04_MR
78073	ZM_172_B1_H06		ZM_172_B1_H06_MR
78074	ZM_172_B1_H07		ZM_172_B1_H07_MR
78075	ZM_172_B1_H09		ZM_172_B1_H09_MR
78076	ZM_172_B1_H10		ZM_172_B1_H10_MR
78077	ZM_172_B2_A01		ZM_172_B2_A01_MR
78078	ZM_172_B2_A02		ZM_172_B2_A02_MR
78079	ZM_172_B2_A03		ZM_172_B2_A03_MR
78080	ZM_172_B2_A05		ZM_172_B2_A05_MR
78081	ZM_172_B2_A07		ZM_172_B2_A07_MR
78082	ZM_172_B2_A08		ZM_172_B2_A08_MR
78083	ZM_172_B2_A09		ZM_172_B2_A09_MR
78084	ZM_172_B2_A10		ZM_172_B2_A10_MR
78085	ZM_172_B2_A11		ZM_172_B2_A11_MR
78086	ZM_172_B2_B01		ZM_172_B2_B01_MR
78087	ZM_172_B2_B02		ZM_172_B2_B02_MR
78088	ZM_172_B2_B04		ZM_172_B2_B04_MR
78089	ZM_172_B2_B07		ZM_172_B2_B07_MR
78090	ZM_172_B2_B09		ZM_172_B2_B09_MR
78091	ZM_172_B2_B10		ZM_172_B2_B10_MR
78092	ZM_172_B2_B11		ZM_172_B2_B11_MR
78093	ZM_172_B2_B12		ZM_172_B2_B12_MR
78094	ZM_172_B2_C01		ZM_172_B2_C01_MR
78095	ZM_172_B2_C02		ZM_172_B2_C02_MR
78096	ZM_172_B2_C03		ZM_172_B2_C03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78097	ZM_172_B2_C06		ZM_172_B2_C06_MR
78098	ZM_172_B2_C07		ZM_172_B2_C07_MR
78099	ZM_172_B2_C08		ZM_172_B2_C08_MR
78100	ZM_172_B2_C09		ZM_172_B2_C09_MR
78101	ZM_172_B2_C10		ZM_172_B2_C10_MR
78102	ZM_172_B2_C11		ZM_172_B2_C11_MR
78103	ZM_172_B2_C12		ZM_172_B2_C12_MR
78104	ZM_172_B2_D01		ZM_172_B2_D01_MR
78105	ZM_172_B2_D02		ZM_172_B2_D02_MR
78106	ZM_172_B2_D04		ZM_172_B2_D04_MR
78107	ZM_172_B2_D07		ZM_172_B2_D07_MR
78108	ZM_172_B2_D09		ZM_172_B2_D09_MR
78109	ZM_172_B2_D10		ZM_172_B2_D10_MR
78110	ZM_172_B2_D12		ZM_172_B2_D12_MR
78111	ZM_172_B2_E01		ZM_172_B2_E01_MR
78112	ZM_172_B2_E02		ZM_172_B2_E02_MR
78113	ZM_172_B2_E04		ZM_172_B2_E04_MR
78114	ZM_172_B2_E05		ZM_172_B2_E05_MR
78115	ZM_172_B2_E07		ZM_172_B2_E07_MR
78116	ZM_172_B2_E09		ZM_172_B2_E09_MR
78117	ZM_172_B2_E10		ZM_172_B2_E10_MR
78118	ZM_172_B2_E11		ZM_172_B2_E11_MR
78119	ZM_172_B2_E12		ZM_172_B2_E12_MR
78120	ZM_172_B2_F01		ZM_172_B2_F01_MR
78121	ZM_172_B2_F02		ZM_172_B2_F02_MR
78122	ZM_172_B2_F04		ZM_172_B2_F04_MR
78123	ZM_172_B2_F05		ZM_172_B2_F05_MR
78124	ZM_172_B2_F06		ZM_172_B2_F06_MR
78125	ZM_172_B2_F07		ZM_172_B2_F07_MR
78126	ZM_172_B2_F09		ZM_172_B2_F09_MR
78127	ZM_172_B2_F10		ZM_172_B2_F10_MR
78128	ZM_172_B2_F11		ZM_172_B2_F11_MR
78129	ZM_172_B2_F12		ZM_172_B2_F12_MR
78130	ZM_172_B2_G01		ZM_172_B2_G01_MR
78131	ZM_172_B2_G02		ZM_172_B2_G02_MR
78132	ZM_172_B2_G04		ZM_172_B2_G04_MR
78133	ZM_172_B2_G05		ZM_172_B2_G05_MR
78134	ZM_172_B2_G07		ZM_172_B2_G07_MR
78135	ZM_172_B2_G09		ZM_172_B2_G09_MR
78136	ZM_172_B2_G10		ZM_172_B2_G10_MR
78137	ZM_172_B2_G11		ZM_172_B2_G11_MR
78138	ZM_172_B2_G12		ZM_172_B2_G12_MR
78139	ZM_172_B2_H01		ZM_172_B2_H01_MR
78140	ZM_172_B2_H02		ZM_172_B2_H02_MR
78141	ZM_172_B2_H03		ZM_172_B2_H03_MR
78142	ZM_172_B2_H04		ZM_172_B2_H04_MR
78143	ZM_172_B2_H05		ZM_172_B2_H05_MR
78144	ZM_172_B2_H07		ZM_172_B2_H07_MR
78145	ZM_172_B2_H08		ZM_172_B2_H08_MR
78146	ZM_172_B2_H09		ZM_172_B2_H09_MR
78147	ZM_172_B2_H10		ZM_172_B2_H10_MR
78148	ZM_172_B2_H11		ZM_172_B2_H11_MR
78149	ZM_173_A1_A01		ZM_173_A1_A01_MR
78150	ZM_173_A1_A03		ZM_173_A1_A03_MR
78151	ZM_173_A1_A04		ZM_173_A1_A04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78152	ZM_173_A1_A05		ZM_173_A1_A05_MR
78153	ZM_173_A1_A06		ZM_173_A1_A06_MR
78154	ZM_173_A1_A07		ZM_173_A1_A07_MR
78155	ZM_173_A1_A08		ZM_173_A1_A08_MR
78156	ZM_173_A1_A09		ZM_173_A1_A09_MR
78157	ZM_173_A1_A10		ZM_173_A1_A10_MR
78158	ZM_173_A1_A11		ZM_173_A1_A11_MR
78159	ZM_173_A1_A12		ZM_173_A1_A12_MR
78160	ZM_173_A1_B01		ZM_173_A1_B01_MR
78161	ZM_173_A1_B02		ZM_173_A1_B02_MR
78162	ZM_173_A1_B03		ZM_173_A1_B03_MR
78163	ZM_173_A1_B04		ZM_173_A1_B04_MR
78164	ZM_173_A1_B05		ZM_173_A1_B05_MR
78165	ZM_173_A1_B07		ZM_173_A1_B07_MR
78166	ZM_173_A1_B08		ZM_173_A1_B08_MR
78167	ZM_173_A1_B09		ZM_173_A1_B09_MR
78168	ZM_173_A1_B10		ZM_173_A1_B10_MR
78169	ZM_173_A1_B11		ZM_173_A1_B11_MR
78170	ZM_173_A1_B12		ZM_173_A1_B12_MR
78171	ZM_173_A1_C01		ZM_173_A1_C01_MR
78172	ZM_173_A1_C02		ZM_173_A1_C02_MR
78173	ZM_173_A1_C03		ZM_173_A1_C03_MR
78174	ZM_173_A1_C04		ZM_173_A1_C04_MR
78175	ZM_173_A1_C05		ZM_173_A1_C05_MR
78176	ZM_173_A1_C06		ZM_173_A1_C06_MR
78177	ZM_173_A1_C07		ZM_173_A1_C07_MR
78178	ZM_173_A1_C08		ZM_173_A1_C08_MR
78179	ZM_173_A1_C09		ZM_173_A1_C09_MR
78180	ZM_173_A1_C10		ZM_173_A1_C10_MR
78181	ZM_173_A1_C11		ZM_173_A1_C11_MR
78182	ZM_173_A1_C12		ZM_173_A1_C12_MR
78183	ZM_173_A1_D04		ZM_173_A1_D04_MR
78184	ZM_173_A1_D05		ZM_173_A1_D05_MR
78185	ZM_173_A1_D06		ZM_173_A1_D06_MR
78186	ZM_173_A1_D07		ZM_173_A1_D07_MR
78187	ZM_173_A1_D08		ZM_173_A1_D08_MR
78188	ZM_173_A1_D09		ZM_173_A1_D09_MR
78189	ZM_173_A1_D10		ZM_173_A1_D10_MR
78190	ZM_173_A1_D11		ZM_173_A1_D11_MR
78191	ZM_173_A1_D12		ZM_173_A1_D12_MR
78192	ZM_173_A1_E01		ZM_173_A1_E01_MR
78193	ZM_173_A1_E02		ZM_173_A1_E02_MR
78194	ZM_173_A1_E03		ZM_173_A1_E03_MR
78195	ZM_173_A1_E04		ZM_173_A1_E04_MR
78196	ZM_173_A1_E05		ZM_173_A1_E05_MR
78197	ZM_173_A1_E07		ZM_173_A1_E07_MR
78198	ZM_173_A1_E08		ZM_173_A1_E08_MR
78199	ZM_173_A1_E09		ZM_173_A1_E09_MR
78200	ZM_173_A1_E10		ZM_173_A1_E10_MR
78201	ZM_173_A1_E11		ZM_173_A1_E11_MR
78202	ZM_173_A1_E12		ZM_173_A1_E12_MR
78203	ZM_173_A1_F01		ZM_173_A1_F01_MR
78204	ZM_173_A1_F02		ZM_173_A1_F02_MR
78205	ZM_173_A1_F03		ZM_173_A1_F03_MR
78206	ZM_173_A1_F04		ZM_173_A1_F04_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78207	ZM_173_A1_F05		ZM_173_A1_F05_MR
78208	ZM_173_A1_F06		ZM_173_A1_F06_MR
78209	ZM_173_A1_F07		ZM_173_A1_F07_MR
78210	ZM_173_A1_F08		ZM_173_A1_F08_MR
78211	ZM_173_A1_F09		ZM_173_A1_F09_MR
78212	ZM_173_A1_F10		ZM_173_A1_F10_MR
78213	ZM_173_A1_F11		ZM_173_A1_F11_MR
78214	ZM_173_A1_F12		ZM_173_A1_F12_MR
78215	ZM_173_A1_G01		ZM_173_A1_G01_MR
78216	ZM_173_A1_G02		ZM_173_A1_G02_MR
78217	ZM_173_A1_G03		ZM_173_A1_G03_MR
78218	ZM_173_A1_G04		ZM_173_A1_G04_MR
78219	ZM_173_A1_G05		ZM_173_A1_G05_MR
78220	ZM_173_A1_G06		ZM_173_A1_G06_MR
78221	ZM_173_A1_G07		ZM_173_A1_G07_MR
78222	ZM_173_A1_G08		ZM_173_A1_G08_MR
78223	ZM_173_A1_G09		ZM_173_A1_G09_MR
78224	ZM_173_A1_G10		ZM_173_A1_G10_MR
78225	ZM_173_A1_G11		ZM_173_A1_G11_MR
78226	ZM_173_A1_G12		ZM_173_A1_G12_MR
78227	ZM_173_A1_H01		ZM_173_A1_H01_MR
78228	ZM_173_A1_H02		ZM_173_A1_H02_MR
78229	ZM_173_A1_H03		ZM_173_A1_H03_MR
78230	ZM_173_A1_H04		ZM_173_A1_H04_MR
78231	ZM_173_A1_H05		ZM_173_A1_H05_MR
78232	ZM_173_A1_H06		ZM_173_A1_H06_MR
78233	ZM_173_A1_H07		ZM_173_A1_H07_MR
78234	ZM_173_A1_H08		ZM_173_A1_H08_MR
78235	ZM_173_A1_H09		ZM_173_A1_H09_MR
78236	ZM_173_A1_H10		ZM_173_A1_H10_MR
78237	ZM_173_A1_H11		ZM_173_A1_H11_MR
78238	ZM_173_A1_H12		ZM_173_A1_H12_MR
78239	ZM_173_A2_A01		ZM_173_A2_A01_MR
78240	ZM_173_A2_A02		ZM_173_A2_A02_MR
78241	ZM_173_A2_A03		ZM_173_A2_A03_MR
78242	ZM_173_A2_A04		ZM_173_A2_A04_MR
78243	ZM_173_A2_A05		ZM_173_A2_A05_MR
78244	ZM_173_A2_A06		ZM_173_A2_A06_MR
78245	ZM_173_A2_A07		ZM_173_A2_A07_MR
78246	ZM_173_A2_A08		ZM_173_A2_A08_MR
78247	ZM_173_A2_A09		ZM_173_A2_A09_MR
78248	ZM_173_A2_A10		ZM_173_A2_A10_MR
78249	ZM_173_A2_A11		ZM_173_A2_A11_MR
78250	ZM_173_A2_A12		ZM_173_A2_A12_MR
78251	ZM_173_A2_B01		ZM_173_A2_B01_MR
78252	ZM_173_A2_B02		ZM_173_A2_B02_MR
78253	ZM_173_A2_B03		ZM_173_A2_B03_MR
78254	ZM_173_A2_B04		ZM_173_A2_B04_MR
78255	ZM_173_A2_B05		ZM_173_A2_B05_MR
78256	ZM_173_A2_B06		ZM_173_A2_B06_MR
78257	ZM_173_A2_B07		ZM_173_A2_B07_MR
78258	ZM_173_A2_B08		ZM_173_A2_B08_MR
78259	ZM_173_A2_B09		ZM_173_A2_B09_MR
78260	ZM_173_A2_B10		ZM_173_A2_B10_MR
78261	ZM_173_A2_B11		ZM_173_A2_B11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78262	ZM_173_A2_B12		ZM_173_A2_B12_MR
78263	ZM_173_A2_C01		ZM_173_A2_C01_MR
78264	ZM_173_A2_C02		ZM_173_A2_C02_MR
78265	ZM_173_A2_C03		ZM_173_A2_C03_MR
78266	ZM_173_A2_C04		ZM_173_A2_C04_MR
78267	ZM_173_A2_C05		ZM_173_A2_C05_MR
78268	ZM_173_A2_C06		ZM_173_A2_C06_MR
78269	ZM_173_A2_C07		ZM_173_A2_C07_MR
78270	ZM_173_A2_C08		ZM_173_A2_C08_MR
78271	ZM_173_A2_C09		ZM_173_A2_C09_MR
78272	ZM_173_A2_C10		ZM_173_A2_C10_MR
78273	ZM_173_A2_C11		ZM_173_A2_C11_MR
78274	ZM_173_A2_C12		ZM_173_A2_C12_MR
78275	ZM_173_A2_D01		ZM_173_A2_D01_MR
78276	ZM_173_A2_D02		ZM_173_A2_D02_MR
78277	ZM_173_A2_D03		ZM_173_A2_D03_MR
78278	ZM_173_A2_D04		ZM_173_A2_D04_MR
78279	ZM_173_A2_D05		ZM_173_A2_D05_MR
78280	ZM_173_A2_D07		ZM_173_A2_D07_MR
78281	ZM_173_A2_D08		ZM_173_A2_D08_MR
78282	ZM_173_A2_D09		ZM_173_A2_D09_MR
78283	ZM_173_A2_D10		ZM_173_A2_D10_MR
78284	ZM_173_A2_D11		ZM_173_A2_D11_MR
78285	ZM_173_A2_D12		ZM_173_A2_D12_MR
78286	ZM_173_A2_E01		ZM_173_A2_E01_MR
78287	ZM_173_A2_E02		ZM_173_A2_E02_MR
78288	ZM_173_A2_E04		ZM_173_A2_E04_MR
78289	ZM_173_A2_E05		ZM_173_A2_E05_MR
78290	ZM_173_A2_E06		ZM_173_A2_E06_MR
78291	ZM_173_A2_E07		ZM_173_A2_E07_MR
78292	ZM_173_A2_E08		ZM_173_A2_E08_MR
78293	ZM_173_A2_E09		ZM_173_A2_E09_MR
78294	ZM_173_A2_E10		ZM_173_A2_E10_MR
78295	ZM_173_A2_E11		ZM_173_A2_E11_MR
78296	ZM_173_A2_E12		ZM_173_A2_E12_MR
78297	ZM_173_A2_F01		ZM_173_A2_F01_MR
78298	ZM_173_A2_F02		ZM_173_A2_F02_MR
78299	ZM_173_A2_F03		ZM_173_A2_F03_MR
78300	ZM_173_A2_F04		ZM_173_A2_F04_MR
78301	ZM_173_A2_F05		ZM_173_A2_F05_MR
78302	ZM_173_A2_F06		ZM_173_A2_F06_MR
78303	ZM_173_A2_F07		ZM_173_A2_F07_MR
78304	ZM_173_A2_F08		ZM_173_A2_F08_MR
78305	ZM_173_A2_F09		ZM_173_A2_F09_MR
78306	ZM_173_A2_F10		ZM_173_A2_F10_MR
78307	ZM_173_A2_F11		ZM_173_A2_F11_MR
78308	ZM_173_A2_F12		ZM_173_A2_F12_MR
78309	ZM_173_A2_G02		ZM_173_A2_G02_MR
78310	ZM_173_A2_G03		ZM_173_A2_G03_MR
78311	ZM_173_A2_G04		ZM_173_A2_G04_MR
78312	ZM_173_A2_G05		ZM_173_A2_G05_MR
78313	ZM_173_A2_G06		ZM_173_A2_G06_MR
78314	ZM_173_A2_G07		ZM_173_A2_G07_MR
78315	ZM_173_A2_G08		ZM_173_A2_G08_MR
78316	ZM_173_A2_G09		ZM_173_A2_G09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78317	ZM_173_A2_G10		ZM_173_A2_G10_MR
78318	ZM_173_A2_G11		ZM_173_A2_G11_MR
78319	ZM_173_A2_G12		ZM_173_A2_G12_MR
78320	ZM_173_A2_H01		ZM_173_A2_H01_MR
78321	ZM_173_A2_H02		ZM_173_A2_H02_MR
78322	ZM_173_A2_H03		ZM_173_A2_H03_MR
78323	ZM_173_A2_H04		ZM_173_A2_H04_MR
78324	ZM_173_A2_H05		ZM_173_A2_H05_MR
78325	ZM_173_A2_H06		ZM_173_A2_H06_MR
78326	ZM_173_A2_H07		ZM_173_A2_H07_MR
78327	ZM_173_A2_H08		ZM_173_A2_H08_MR
78328	ZM_173_A2_H09		ZM_173_A2_H09_MR
78329	ZM_173_A2_H10		ZM_173_A2_H10_MR
78330	ZM_173_A2_H11		ZM_173_A2_H11_MR
78331	ZM_173_A2_H12		ZM_173_A2_H12_MR
78332	ZM_173_B1_A01		ZM_173_B1_A01_MR
78333	ZM_173_B1_A02		ZM_173_B1_A02_MR
78334	ZM_173_B1_A03		ZM_173_B1_A03_MR
78335	ZM_173_B1_A04		ZM_173_B1_A04_MR
78336	ZM_173_B1_A05		ZM_173_B1_A05_MR
78337	ZM_173_B1_A07		ZM_173_B1_A07_MR
78338	ZM_173_B1_A08		ZM_173_B1_A08_MR
78339	ZM_173_B1_A09		ZM_173_B1_A09_MR
78340	ZM_173_B1_A10		ZM_173_B1_A10_MR
78341	ZM_173_B1_A11		ZM_173_B1_A11_MR
78342	ZM_173_B1_A12		ZM_173_B1_A12_MR
78343	ZM_173_B1_B01		ZM_173_B1_B01_MR
78344	ZM_173_B1_B03		ZM_173_B1_B03_MR
78345	ZM_173_B1_B04		ZM_173_B1_B04_MR
78346	ZM_173_B1_B05		ZM_173_B1_B05_MR
78347	ZM_173_B1_B06		ZM_173_B1_B06_MR
78348	ZM_173_B1_B07		ZM_173_B1_B07_MR
78349	ZM_173_B1_B08		ZM_173_B1_B08_MR
78350	ZM_173_B1_B10		ZM_173_B1_B10_MR
78351	ZM_173_B1_B11		ZM_173_B1_B11_MR
78352	ZM_173_B1_B12		ZM_173_B1_B12_MR
78353	ZM_173_B1_C01		ZM_173_B1_C01_MR
78354	ZM_173_B1_C02		ZM_173_B1_C02_MR
78355	ZM_173_B1_C04		ZM_173_B1_C04_MR
78356	ZM_173_B1_C07		ZM_173_B1_C07_MR
78357	ZM_173_B1_C08		ZM_173_B1_C08_MR
78358	ZM_173_B1_C09		ZM_173_B1_C09_MR
78359	ZM_173_B1_C10		ZM_173_B1_C10_MR
78360	ZM_173_B1_C11		ZM_173_B1_C11_MR
78361	ZM_173_B1_C12		ZM_173_B1_C12_MR
78362	ZM_173_B1_D01		ZM_173_B1_D01_MR
78363	ZM_173_B1_D02		ZM_173_B1_D02_MR
78364	ZM_173_B1_D03		ZM_173_B1_D03_MR
78365	ZM_173_B1_D04		ZM_173_B1_D04_MR
78366	ZM_173_B1_D05		ZM_173_B1_D05_MR
78367	ZM_173_B1_D06		ZM_173_B1_D06_MR
78368	ZM_173_B1_D07		ZM_173_B1_D07_MR
78369	ZM_173_B1_D09		ZM_173_B1_D09_MR
78370	ZM_173_B1_D10		ZM_173_B1_D10_MR
78371	ZM_173_B1_D11		ZM_173_B1_D11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78372	ZM_173_B1_D12		ZM_173_B1_D12_MR
78373	ZM_173_B1_E01		ZM_173_B1_E01_MR
78374	ZM_173_B1_E02		ZM_173_B1_E02_MR
78375	ZM_173_B1_E03		ZM_173_B1_E03_MR
78376	ZM_173_B1_E04		ZM_173_B1_E04_MR
78377	ZM_173_B1_E05		ZM_173_B1_E05_MR
78378	ZM_173_B1_E06		ZM_173_B1_E06_MR
78379	ZM_173_B1_E07		ZM_173_B1_E07_MR
78380	ZM_173_B1_E08		ZM_173_B1_E08_MR
78381	ZM_173_B1_E09		ZM_173_B1_E09_MR
78382	ZM_173_B1_E10		ZM_173_B1_E10_MR
78383	ZM_173_B1_E11		ZM_173_B1_E11_MR
78384	ZM_173_B1_E12		ZM_173_B1_E12_MR
78385	ZM_173_B1_F01		ZM_173_B1_F01_MR
78386	ZM_173_B1_F02		ZM_173_B1_F02_MR
78387	ZM_173_B1_F03		ZM_173_B1_F03_MR
78388	ZM_173_B1_F04		ZM_173_B1_F04_MR
78389	ZM_173_B1_F05		ZM_173_B1_F05_MR
78390	ZM_173_B1_F07		ZM_173_B1_F07_MR
78391	ZM_173_B1_F08		ZM_173_B1_F08_MR
78392	ZM_173_B1_F09		ZM_173_B1_F09_MR
78393	ZM_173_B1_F10		ZM_173_B1_F10_MR
78394	ZM_173_B1_F11		ZM_173_B1_F11_MR
78395	ZM_173_B1_F12		ZM_173_B1_F12_MR
78396	ZM_173_B1_G01		ZM_173_B1_G01_MR
78397	ZM_173_B1_G02		ZM_173_B1_G02_MR
78398	ZM_173_B1_G03		ZM_173_B1_G03_MR
78399	ZM_173_B1_G04		ZM_173_B1_G04_MR
78400	ZM_173_B1_G05		ZM_173_B1_G05_MR
78401	ZM_173_B1_G06		ZM_173_B1_G06_MR
78402	ZM_173_B1_G07		ZM_173_B1_G07_MR
78403	ZM_173_B1_G08		ZM_173_B1_G08_MR
78404	ZM_173_B1_G09		ZM_173_B1_G09_MR
78405	ZM_173_B1_G10		ZM_173_B1_G10_MR
78406	ZM_173_B1_G11		ZM_173_B1_G11_MR
78407	ZM_173_B1_G12		ZM_173_B1_G12_MR
78408	ZM_173_B1_H01		ZM_173_B1_H01_MR
78409	ZM_173_B1_H02		ZM_173_B1_H02_MR
78410	ZM_173_B1_H03		ZM_173_B1_H03_MR
78411	ZM_173_B1_H04		ZM_173_B1_H04_MR
78412	ZM_173_B1_H05		ZM_173_B1_H05_MR
78413	ZM_173_B1_H06		ZM_173_B1_H06_MR
78414	ZM_173_B1_H07		ZM_173_B1_H07_MR
78415	ZM_173_B1_H08		ZM_173_B1_H08_MR
78416	ZM_173_B1_H09		ZM_173_B1_H09_MR
78417	ZM_173_B1_H10		ZM_173_B1_H10_MR
78418	ZM_173_B1_H11		ZM_173_B1_H11_MR
78419	ZM_173_B1_H12		ZM_173_B1_H12_MR
78420	ZM_174_A1_A01		ZM_174_A1_A01_MR
78421	ZM_174_A1_A02		ZM_174_A1_A02_MR
78422	ZM_174_A1_A04		ZM_174_A1_A04_MR
78423	ZM_174_A1_A10		ZM_174_A1_A10_MR
78424	ZM_174_A1_A12		ZM_174_A1_A12_MR
78425	ZM_174_A1_B01		ZM_174_A1_B01_MR
78426	ZM_174_A1_B02		ZM_174_A1_B02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78427	ZM_174_A1_B04		ZM_174_A1_B04_MR
78428	ZM_174_A1_B05		ZM_174_A1_B05_MR
78429	ZM_174_A1_B08		ZM_174_A1_B08_MR
78430	ZM_174_A1_B10		ZM_174_A1_B10_MR
78431	ZM_174_A1_B11		ZM_174_A1_B11_MR
78432	ZM_174_A1_C01		ZM_174_A1_C01_MR
78433	ZM_174_A1_C02		ZM_174_A1_C02_MR
78434	ZM_174_A1_C03		ZM_174_A1_C03_MR
78435	ZM_174_A1_C04		ZM_174_A1_C04_MR
78436	ZM_174_A1_C07		ZM_174_A1_C07_MR
78437	ZM_174_A1_C09		ZM_174_A1_C09_MR
78438	ZM_174_A1_C10		ZM_174_A1_C10_MR
78439	ZM_174_A1_C11		ZM_174_A1_C11_MR
78440	ZM_174_A1_D01		ZM_174_A1_D01_MR
78441	ZM_174_A1_D03		ZM_174_A1_D03_MR
78442	ZM_174_A1_D04		ZM_174_A1_D04_MR
78443	ZM_174_A1_D07		ZM_174_A1_D07_MR
78444	ZM_174_A1_D08		ZM_174_A1_D08_MR
78445	ZM_174_A1_D10		ZM_174_A1_D10_MR
78446	ZM_174_A1_D11		ZM_174_A1_D11_MR
78447	ZM_174_A1_D12		ZM_174_A1_D12_MR
78448	ZM_174_A1_E02		ZM_174_A1_E02_MR
78449	ZM_174_A1_E03		ZM_174_A1_E03_MR
78450	ZM_174_A1_E07		ZM_174_A1_E07_MR
78451	ZM_174_A1_E08		ZM_174_A1_E08_MR
78452	ZM_174_A1_E11		ZM_174_A1_E11_MR
78453	ZM_174_A1_E12		ZM_174_A1_E12_MR
78454	ZM_174_A1_F01		ZM_174_A1_F01_MR
78455	ZM_174_A1_F02		ZM_174_A1_F02_MR
78456	ZM_174_A1_F04		ZM_174_A1_F04_MR
78457	ZM_174_A1_F12		ZM_174_A1_F12_MR
78458	ZM_174_A1_G01		ZM_174_A1_G01_MR
78459	ZM_174_A1_G02		ZM_174_A1_G02_MR
78460	ZM_174_A1_G04		ZM_174_A1_G04_MR
78461	ZM_174_A1_G06		ZM_174_A1_G06_MR
78462	ZM_174_A1_G07		ZM_174_A1_G07_MR
78463	ZM_174_A1_G08		ZM_174_A1_G08_MR
78464	ZM_174_A1_G09		ZM_174_A1_G09_MR
78465	ZM_174_A1_H02		ZM_174_A1_H02_MR
78466	ZM_174_A1_H04		ZM_174_A1_H04_MR
78467	ZM_174_A1_H07		ZM_174_A1_H07_MR
78468	ZM_174_A1_H11		ZM_174_A1_H11_MR
78469	ZM_174_A1_H12		ZM_174_A1_H12_MR
78470	ZM_174_A2_A01		ZM_174_A2_A01_MR
78471	ZM_174_A2_A02		ZM_174_A2_A02_MR
78472	ZM_174_A2_A03		ZM_174_A2_A03_MR
78473	ZM_174_A2_A04		ZM_174_A2_A04_MR
78474	ZM_174_A2_A05		ZM_174_A2_A05_MR
78475	ZM_174_A2_A06		ZM_174_A2_A06_MR
78476	ZM_174_A2_A07		ZM_174_A2_A07_MR
78477	ZM_174_A2_A08		ZM_174_A2_A08_MR
78478	ZM_174_A2_A09		ZM_174_A2_A09_MR
78479	ZM_174_A2_A10		ZM_174_A2_A10_MR
78480	ZM_174_A2_A11		ZM_174_A2_A11_MR
78481	ZM_174_A2_A12		ZM_174_A2_A12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78482	ZM_174_A2_B01		ZM_174_A2_B01_MR
78483	ZM_174_A2_B02		ZM_174_A2_B02_MR
78484	ZM_174_A2_B03		ZM_174_A2_B03_MR
78485	ZM_174_A2_B04		ZM_174_A2_B04_MR
78486	ZM_174_A2_B05		ZM_174_A2_B05_MR
78487	ZM_174_A2_B06		ZM_174_A2_B06_MR
78488	ZM_174_A2_B07		ZM_174_A2_B07_MR
78489	ZM_174_A2_B08		ZM_174_A2_B08_MR
78490	ZM_174_A2_B09		ZM_174_A2_B09_MR
78491	ZM_174_A2_B10		ZM_174_A2_B10_MR
78492	ZM_174_A2_B11		ZM_174_A2_B11_MR
78493	ZM_174_A2_B12		ZM_174_A2_B12_MR
78494	ZM_174_A2_C01		ZM_174_A2_C01_MR
78495	ZM_174_A2_C02		ZM_174_A2_C02_MR
78496	ZM_174_A2_C03		ZM_174_A2_C03_MR
78497	ZM_174_A2_C04		ZM_174_A2_C04_MR
78498	ZM_174_A2_C05		ZM_174_A2_C05_MR
78499	ZM_174_A2_C06		ZM_174_A2_C06_MR
78500	ZM_174_A2_C07		ZM_174_A2_C07_MR
78501	ZM_174_A2_C08		ZM_174_A2_C08_MR
78502	ZM_174_A2_C09		ZM_174_A2_C09_MR
78503	ZM_174_A2_C10		ZM_174_A2_C10_MR
78504	ZM_174_A2_C11		ZM_174_A2_C11_MR
78505	ZM_174_A2_C12		ZM_174_A2_C12_MR
78506	ZM_174_A2_D01		ZM_174_A2_D01_MR
78507	ZM_174_A2_D02		ZM_174_A2_D02_MR
78508	ZM_174_A2_D03		ZM_174_A2_D03_MR
78509	ZM_174_A2_D04		ZM_174_A2_D04_MR
78510	ZM_174_A2_D05		ZM_174_A2_D05_MR
78511	ZM_174_A2_D06		ZM_174_A2_D06_MR
78512	ZM_174_A2_D07		ZM_174_A2_D07_MR
78513	ZM_174_A2_D08		ZM_174_A2_D08_MR
78514	ZM_174_A2_D09		ZM_174_A2_D09_MR
78515	ZM_174_A2_D10		ZM_174_A2_D10_MR
78516	ZM_174_A2_D11		ZM_174_A2_D11_MR
78517	ZM_174_A2_D12		ZM_174_A2_D12_MR
78518	ZM_174_A2_E01		ZM_174_A2_E01_MR
78519	ZM_174_A2_E02		ZM_174_A2_E02_MR
78520	ZM_174_A2_E03		ZM_174_A2_E03_MR
78521	ZM_174_A2_E04		ZM_174_A2_E04_MR
78522	ZM_174_A2_E05		ZM_174_A2_E05_MR
78523	ZM_174_A2_E06		ZM_174_A2_E06_MR
78524	ZM_174_A2_E07		ZM_174_A2_E07_MR
78525	ZM_174_A2_E08		ZM_174_A2_E08_MR
78526	ZM_174_A2_E09		ZM_174_A2_E09_MR
78527	ZM_174_A2_E10		ZM_174_A2_E10_MR
78528	ZM_174_A2_E11		ZM_174_A2_E11_MR
78529	ZM_174_A2_E12		ZM_174_A2_E12_MR
78530	ZM_174_A2_F01		ZM_174_A2_F01_MR
78531	ZM_174_A2_F02		ZM_174_A2_F02_MR
78532	ZM_174_A2_F03		ZM_174_A2_F03_MR
78533	ZM_174_A2_F04		ZM_174_A2_F04_MR
78534	ZM_174_A2_F05		ZM_174_A2_F05_MR
78535	ZM_174_A2_F06		ZM_174_A2_F06_MR
78536	ZM_174_A2_F07		ZM_174_A2_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78537	ZM_174_A2_F08		ZM_174_A2_F08_MR
78538	ZM_174_A2_F09		ZM_174_A2_F09_MR
78539	ZM_174_A2_F10		ZM_174_A2_F10_MR
78540	ZM_174_A2_F11		ZM_174_A2_F11_MR
78541	ZM_174_A2_F12		ZM_174_A2_F12_MR
78542	ZM_174_A2_G01		ZM_174_A2_G01_MR
78543	ZM_174_A2_G02		ZM_174_A2_G02_MR
78544	ZM_174_A2_G03		ZM_174_A2_G03_MR
78545	ZM_174_A2_G04		ZM_174_A2_G04_MR
78546	ZM_174_A2_G06		ZM_174_A2_G06_MR
78547	ZM_174_A2_G07		ZM_174_A2_G07_MR
78548	ZM_174_A2_G08		ZM_174_A2_G08_MR
78549	ZM_174_A2_G09		ZM_174_A2_G09_MR
78550	ZM_174_A2_G10		ZM_174_A2_G10_MR
78551	ZM_174_A2_G11		ZM_174_A2_G11_MR
78552	ZM_174_A2_G12		ZM_174_A2_G12_MR
78553	ZM_174_A2_H01		ZM_174_A2_H01_MR
78554	ZM_174_A2_H02		ZM_174_A2_H02_MR
78555	ZM_174_A2_H03		ZM_174_A2_H03_MR
78556	ZM_174_A2_H04		ZM_174_A2_H04_MR
78557	ZM_174_A2_H05		ZM_174_A2_H05_MR
78558	ZM_174_A2_H06		ZM_174_A2_H06_MR
78559	ZM_174_A2_H07		ZM_174_A2_H07_MR
78560	ZM_174_A2_H08		ZM_174_A2_H08_MR
78561	ZM_174_A2_H09		ZM_174_A2_H09_MR
78562	ZM_174_A2_H10		ZM_174_A2_H10_MR
78563	ZM_174_A2_H11		ZM_174_A2_H11_MR
78564	ZM_174_A2_H12		ZM_174_A2_H12_MR
78565	ZM_174_B1_A01		ZM_174_B1_A01_MR
78566	ZM_174_B1_A02		ZM_174_B1_A02_MR
78567	ZM_174_B1_A04		ZM_174_B1_A04_MR
78568	ZM_174_B1_A05		ZM_174_B1_A05_MR
78569	ZM_174_B1_A07		ZM_174_B1_A07_MR
78570	ZM_174_B1_A09		ZM_174_B1_A09_MR
78571	ZM_174_B1_A10		ZM_174_B1_A10_MR
78572	ZM_174_B1_A12		ZM_174_B1_A12_MR
78573	ZM_174_B1_B01		ZM_174_B1_B01_MR
78574	ZM_174_B1_B02		ZM_174_B1_B02_MR
78575	ZM_174_B1_B04		ZM_174_B1_B04_MR
78576	ZM_174_B1_B05		ZM_174_B1_B05_MR
78577	ZM_174_B1_B07		ZM_174_B1_B07_MR
78578	ZM_174_B1_B08		ZM_174_B1_B08_MR
78579	ZM_174_B1_B09		ZM_174_B1_B09_MR
78580	ZM_174_B1_B10		ZM_174_B1_B10_MR
78581	ZM_174_B1_B11		ZM_174_B1_B11_MR
78582	ZM_174_B1_B12		ZM_174_B1_B12_MR
78583	ZM_174_B1_C01		ZM_174_B1_C01_MR
78584	ZM_174_B1_C02		ZM_174_B1_C02_MR
78585	ZM_174_B1_C03		ZM_174_B1_C03_MR
78586	ZM_174_B1_C05		ZM_174_B1_C05_MR
78587	ZM_174_B1_C07		ZM_174_B1_C07_MR
78588	ZM_174_B1_C08		ZM_174_B1_C08_MR
78589	ZM_174_B1_C09		ZM_174_B1_C09_MR
78590	ZM_174_B1_C10		ZM_174_B1_C10_MR
78591	ZM_174_B1_C11		ZM_174_B1_C11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78592	ZM_174_B1_C12		ZM_174_B1_C12_MR
78593	ZM_174_B1_D01		ZM_174_B1_D01_MR
78594	ZM_174_B1_D02		ZM_174_B1_D02_MR
78595	ZM_174_B1_D03		ZM_174_B1_D03_MR
78596	ZM_174_B1_D04		ZM_174_B1_D04_MR
78597	ZM_174_B1_D06		ZM_174_B1_D06_MR
78598	ZM_174_B1_D07		ZM_174_B1_D07_MR
78599	ZM_174_B1_D08		ZM_174_B1_D08_MR
78600	ZM_174_B1_D09		ZM_174_B1_D09_MR
78601	ZM_174_B1_D10		ZM_174_B1_D10_MR
78602	ZM_174_B1_D11		ZM_174_B1_D11_MR
78603	ZM_174_B1_D12		ZM_174_B1_D12_MR
78604	ZM_174_B1_E01		ZM_174_B1_E01_MR
78605	ZM_174_B1_E02		ZM_174_B1_E02_MR
78606	ZM_174_B1_E03		ZM_174_B1_E03_MR
78607	ZM_174_B1_E04		ZM_174_B1_E04_MR
78608	ZM_174_B1_E05		ZM_174_B1_E05_MR
78609	ZM_174_B1_E06		ZM_174_B1_E06_MR
78610	ZM_174_B1_E07		ZM_174_B1_E07_MR
78611	ZM_174_B1_E08		ZM_174_B1_E08_MR
78612	ZM_174_B1_E09		ZM_174_B1_E09_MR
78613	ZM_174_B1_E10		ZM_174_B1_E10_MR
78614	ZM_174_B1_E11		ZM_174_B1_E11_MR
78615	ZM_174_B1_E12		ZM_174_B1_E12_MR
78616	ZM_174_B1_F01		ZM_174_B1_F01_MR
78617	ZM_174_B1_F05		ZM_174_B1_F05_MR
78618	ZM_174_B1_F07		ZM_174_B1_F07_MR
78619	ZM_174_B1_F08		ZM_174_B1_F08_MR
78620	ZM_174_B1_F10		ZM_174_B1_F10_MR
78621	ZM_174_B1_F11		ZM_174_B1_F11_MR
78622	ZM_174_B1_F12		ZM_174_B1_F12_MR
78623	ZM_174_B1_G01		ZM_174_B1_G01_MR
78624	ZM_174_B1_G03		ZM_174_B1_G03_MR
78625	ZM_174_B1_G04		ZM_174_B1_G04_MR
78626	ZM_174_B1_G05		ZM_174_B1_G05_MR
78627	ZM_174_B1_G06		ZM_174_B1_G06_MR
78628	ZM_174_B1_G07		ZM_174_B1_G07_MR
78629	ZM_174_B1_G08		ZM_174_B1_G08_MR
78630	ZM_174_B1_G10		ZM_174_B1_G10_MR
78631	ZM_174_B1_G11		ZM_174_B1_G11_MR
78632	ZM_174_B1_G12		ZM_174_B1_G12_MR
78633	ZM_174_B1_H01		ZM_174_B1_H01_MR
78634	ZM_174_B1_H02		ZM_174_B1_H02_MR
78635	ZM_174_B1_H03		ZM_174_B1_H03_MR
78636	ZM_174_B1_H04		ZM_174_B1_H04_MR
78637	ZM_174_B1_H05		ZM_174_B1_H05_MR
78638	ZM_174_B1_H06		ZM_174_B1_H06_MR
78639	ZM_174_B1_H07		ZM_174_B1_H07_MR
78640	ZM_174_B1_H08		ZM_174_B1_H08_MR
78641	ZM_174_B1_H10		ZM_174_B1_H10_MR
78642	ZM_174_B1_H11		ZM_174_B1_H11_MR
78643	ZM_174_B1_H12		ZM_174_B1_H12_MR
78644	ZM_174_B2_A01		ZM_174_B2_A01_MR
78645	ZM_174_B2_A02		ZM_174_B2_A02_MR
78646	ZM_174_B2_A04		ZM_174_B2_A04_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78647	ZM_174_B2_A05		ZM_174_B2_A05_MR
78648	ZM_174_B2_A07		ZM_174_B2_A07_MR
78649	ZM_174_B2_A09		ZM_174_B2_A09_MR
78650	ZM_174_B2_A10		ZM_174_B2_A10_MR
78651	ZM_174_B2_A12		ZM_174_B2_A12_MR
78652	ZM_174_B2_B02		ZM_174_B2_B02_MR
78653	ZM_174_B2_B07		ZM_174_B2_B07_MR
78654	ZM_174_B2_B08		ZM_174_B2_B08_MR
78655	ZM_174_B2_B09		ZM_174_B2_B09_MR
78656	ZM_174_B2_B11		ZM_174_B2_B11_MR
78657	ZM_174_B2_C03		ZM_174_B2_C03_MR
78658	ZM_174_B2_C04		ZM_174_B2_C04_MR
78659	ZM_174_B2_C05		ZM_174_B2_C05_MR
78660	ZM_174_B2_C06		ZM_174_B2_C06_MR
78661	ZM_174_B2_C07		ZM_174_B2_C07_MR
78662	ZM_174_B2_C10		ZM_174_B2_C10_MR
78663	ZM_174_B2_D02		ZM_174_B2_D02_MR
78664	ZM_174_B2_D04		ZM_174_B2_D04_MR
78665	ZM_174_B2_D06		ZM_174_B2_D06_MR
78666	ZM_174_B2_D09		ZM_174_B2_D09_MR
78667	ZM_174_B2_D12		ZM_174_B2_D12_MR
78668	ZM_174_B2_E01		ZM_174_B2_E01_MR
78669	ZM_174_B2_E02		ZM_174_B2_E02_MR
78670	ZM_174_B2_E06		ZM_174_B2_E06_MR
78671	ZM_174_B2_E09		ZM_174_B2_E09_MR
78672	ZM_174_B2_E10		ZM_174_B2_E10_MR
78673	ZM_174_B2_E11		ZM_174_B2_E11_MR
78674	ZM_174_B2_E12		ZM_174_B2_E12_MR
78675	ZM_174_B2_F03		ZM_174_B2_F03_MR
78676	ZM_174_B2_F04		ZM_174_B2_F04_MR
78677	ZM_174_B2_F06		ZM_174_B2_F06_MR
78678	ZM_174_B2_F09		ZM_174_B2_F09_MR
78679	ZM_174_B2_F12		ZM_174_B2_F12_MR
78680	ZM_174_B2_G05		ZM_174_B2_G05_MR
78681	ZM_174_B2_G06		ZM_174_B2_G06_MR
78682	ZM_174_B2_G07		ZM_174_B2_G07_MR
78683	ZM_174_B2_G09		ZM_174_B2_G09_MR
78684	ZM_174_B2_H01		ZM_174_B2_H01_MR
78685	ZM_174_B2_H04		ZM_174_B2_H04_MR
78686	ZM_174_B2_H06		ZM_174_B2_H06_MR
78687	ZM_174_B2_H07		ZM_174_B2_H07_MR
78688	ZM_174_B2_H08		ZM_174_B2_H08_MR
78689	ZM_174_B2_H11		ZM_174_B2_H11_MR
78690	ZM_174_B2_H12		ZM_174_B2_H12_MR
78691	ZM_175_A1_A01		ZM_175_A1_A01_MR
78692	ZM_175_A1_A02		ZM_175_A1_A02_MR
78693	ZM_175_A1_A03		ZM_175_A1_A03_MR
78694	ZM_175_A1_A04		ZM_175_A1_A04_MR
78695	ZM_175_A1_A05		ZM_175_A1_A05_MR
78696	ZM_175_A1_A06		ZM_175_A1_A06_MR
78697	ZM_175_A1_A07		ZM_175_A1_A07_MR
78698	ZM_175_A1_A08		ZM_175_A1_A08_MR
78699	ZM_175_A1_A09		ZM_175_A1_A09_MR
78700	ZM_175_A1_A10		ZM_175_A1_A10_MR
78701	ZM_175_A1_A11		ZM_175_A1_A11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78702	ZM_175_A1_A12		ZM_175_A1_A12_MR
78703	ZM_175_A1_B01		ZM_175_A1_B01_MR
78704	ZM_175_A1_B02		ZM_175_A1_B02_MR
78705	ZM_175_A1_B03		ZM_175_A1_B03_MR
78706	ZM_175_A1_B04		ZM_175_A1_B04_MR
78707	ZM_175_A1_B06		ZM_175_A1_B06_MR
78708	ZM_175_A1_B07		ZM_175_A1_B07_MR
78709	ZM_175_A1_B09		ZM_175_A1_B09_MR
78710	ZM_175_A1_B10		ZM_175_A1_B10_MR
78711	ZM_175_A1_B11		ZM_175_A1_B11_MR
78712	ZM_175_A1_B12		ZM_175_A1_B12_MR
78713	ZM_175_A1_C02		ZM_175_A1_C02_MR
78714	ZM_175_A1_C04		ZM_175_A1_C04_MR
78715	ZM_175_A1_C05		ZM_175_A1_C05_MR
78716	ZM_175_A1_C06		ZM_175_A1_C06_MR
78717	ZM_175_A1_C07		ZM_175_A1_C07_MR
78718	ZM_175_A1_C08		ZM_175_A1_C08_MR
78719	ZM_175_A1_C09		ZM_175_A1_C09_MR
78720	ZM_175_A1_C10		ZM_175_A1_C10_MR
78721	ZM_175_A1_C11		ZM_175_A1_C11_MR
78722	ZM_175_A1_D01		ZM_175_A1_D01_MR
78723	ZM_175_A1_D02		ZM_175_A1_D02_MR
78724	ZM_175_A1_D03		ZM_175_A1_D03_MR
78725	ZM_175_A1_D04		ZM_175_A1_D04_MR
78726	ZM_175_A1_D05		ZM_175_A1_D05_MR
78727	ZM_175_A1_D06		ZM_175_A1_D06_MR
78728	ZM_175_A1_D07		ZM_175_A1_D07_MR
78729	ZM_175_A1_D08		ZM_175_A1_D08_MR
78730	ZM_175_A1_D09		ZM_175_A1_D09_MR
78731	ZM_175_A1_D10		ZM_175_A1_D10_MR
78732	ZM_175_A1_D11		ZM_175_A1_D11_MR
78733	ZM_175_A1_D12		ZM_175_A1_D12_MR
78734	ZM_175_A1_E01		ZM_175_A1_E01_MR
78735	ZM_175_A1_E02		ZM_175_A1_E02_MR
78736	ZM_175_A1_E03		ZM_175_A1_E03_MR
78737	ZM_175_A1_E04		ZM_175_A1_E04_MR
78738	ZM_175_A1_E05		ZM_175_A1_E05_MR
78739	ZM_175_A1_E06		ZM_175_A1_E06_MR
78740	ZM_175_A1_E07		ZM_175_A1_E07_MR
78741	ZM_175_A1_E09		ZM_175_A1_E09_MR
78742	ZM_175_A1_E10		ZM_175_A1_E10_MR
78743	ZM_175_A1_E11		ZM_175_A1_E11_MR
78744	ZM_175_A1_F01		ZM_175_A1_F01_MR
78745	ZM_175_A1_F02		ZM_175_A1_F02_MR
78746	ZM_175_A1_F03		ZM_175_A1_F03_MR
78747	ZM_175_A1_F04		ZM_175_A1_F04_MR
78748	ZM_175_A1_F05		ZM_175_A1_F05_MR
78749	ZM_175_A1_F06		ZM_175_A1_F06_MR
78750	ZM_175_A1_F07		ZM_175_A1_F07_MR
78751	ZM_175_A1_F09		ZM_175_A1_F09_MR
78752	ZM_175_A1_F10		ZM_175_A1_F10_MR
78753	ZM_175_A1_F11		ZM_175_A1_F11_MR
78754	ZM_175_A1_F12		ZM_175_A1_F12_MR
78755	ZM_175_A1_G01		ZM_175_A1_G01_MR
78756	ZM_175_A1_G02		ZM_175_A1_G02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78757	ZM_175_A1_G03		ZM_175_A1_G03_MR
78758	ZM_175_A1_G04		ZM_175_A1_G04_MR
78759	ZM_175_A1_G07		ZM_175_A1_G07_MR
78760	ZM_175_A1_G08		ZM_175_A1_G08_MR
78761	ZM_175_A1_G09		ZM_175_A1_G09_MR
78762	ZM_175_A1_G10		ZM_175_A1_G10_MR
78763	ZM_175_A1_G11		ZM_175_A1_G11_MR
78764	ZM_175_A1_G12		ZM_175_A1_G12_MR
78765	ZM_175_A1_H01		ZM_175_A1_H01_MR
78766	ZM_175_A1_H02		ZM_175_A1_H02_MR
78767	ZM_175_A1_H03		ZM_175_A1_H03_MR
78768	ZM_175_A1_H04		ZM_175_A1_H04_MR
78769	ZM_175_A1_H05		ZM_175_A1_H05_MR
78770	ZM_175_A1_H06		ZM_175_A1_H06_MR
78771	ZM_175_A1_H07		ZM_175_A1_H07_MR
78772	ZM_175_A1_H08		ZM_175_A1_H08_MR
78773	ZM_175_A1_H09		ZM_175_A1_H09_MR
78774	ZM_175_A1_H10		ZM_175_A1_H10_MR
78775	ZM_175_A1_H11		ZM_175_A1_H11_MR
78776	ZM_175_A1_H12		ZM_175_A1_H12_MR
78777	ZM_175_A2_A01		ZM_175_A2_A01_MR
78778	ZM_175_A2_A02		ZM_175_A2_A02_MR
78779	ZM_175_A2_A03		ZM_175_A2_A03_MR
78780	ZM_175_A2_A04		ZM_175_A2_A04_MR
78781	ZM_175_A2_A05		ZM_175_A2_A05_MR
78782	ZM_175_A2_A06		ZM_175_A2_A06_MR
78783	ZM_175_A2_A07		ZM_175_A2_A07_MR
78784	ZM_175_A2_A08		ZM_175_A2_A08_MR
78785	ZM_175_A2_A09		ZM_175_A2_A09_MR
78786	ZM_175_A2_A10		ZM_175_A2_A10_MR
78787	ZM_175_A2_A11		ZM_175_A2_A11_MR
78788	ZM_175_A2_A12		ZM_175_A2_A12_MR
78789	ZM_175_A2_B01		ZM_175_A2_B01_MR
78790	ZM_175_A2_B02		ZM_175_A2_B02_MR
78791	ZM_175_A2_B03		ZM_175_A2_B03_MR
78792	ZM_175_A2_B04		ZM_175_A2_B04_MR
78793	ZM_175_A2_B05		ZM_175_A2_B05_MR
78794	ZM_175_A2_B06		ZM_175_A2_B06_MR
78795	ZM_175_A2_B07		ZM_175_A2_B07_MR
78796	ZM_175_A2_B08		ZM_175_A2_B08_MR
78797	ZM_175_A2_B09		ZM_175_A2_B09_MR
78798	ZM_175_A2_B10		ZM_175_A2_B10_MR
78799	ZM_175_A2_B11		ZM_175_A2_B11_MR
78800	ZM_175_A2_B12		ZM_175_A2_B12_MR
78801	ZM_175_A2_C01		ZM_175_A2_C01_MR
78802	ZM_175_A2_C02		ZM_175_A2_C02_MR
78803	ZM_175_A2_C03		ZM_175_A2_C03_MR
78804	ZM_175_A2_C04		ZM_175_A2_C04_MR
78805	ZM_175_A2_C05		ZM_175_A2_C05_MR
78806	ZM_175_A2_C06		ZM_175_A2_C06_MR
78807	ZM_175_A2_C07		ZM_175_A2_C07_MR
78808	ZM_175_A2_C08		ZM_175_A2_C08_MR
78809	ZM_175_A2_C09		ZM_175_A2_C09_MR
78810	ZM_175_A2_C11		ZM_175_A2_C11_MR
78811	ZM_175_A2_C12		ZM_175_A2_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78812	ZM_175_A2_D01		ZM_175_A2_D01_MR
78813	ZM_175_A2_D02		ZM_175_A2_D02_MR
78814	ZM_175_A2_D03		ZM_175_A2_D03_MR
78815	ZM_175_A2_D04		ZM_175_A2_D04_MR
78816	ZM_175_A2_D05		ZM_175_A2_D05_MR
78817	ZM_175_A2_D06		ZM_175_A2_D06_MR
78818	ZM_175_A2_D07		ZM_175_A2_D07_MR
78819	ZM_175_A2_D08		ZM_175_A2_D08_MR
78820	ZM_175_A2_D09		ZM_175_A2_D09_MR
78821	ZM_175_A2_D10		ZM_175_A2_D10_MR
78822	ZM_175_A2_D11		ZM_175_A2_D11_MR
78823	ZM_175_A2_D12		ZM_175_A2_D12_MR
78824	ZM_175_A2_E01		ZM_175_A2_E01_MR
78825	ZM_175_A2_E02		ZM_175_A2_E02_MR
78826	ZM_175_A2_E03		ZM_175_A2_E03_MR
78827	ZM_175_A2_E04		ZM_175_A2_E04_MR
78828	ZM_175_A2_E05		ZM_175_A2_E05_MR
78829	ZM_175_A2_E06		ZM_175_A2_E06_MR
78830	ZM_175_A2_E07		ZM_175_A2_E07_MR
78831	ZM_175_A2_E08		ZM_175_A2_E08_MR
78832	ZM_175_A2_E09		ZM_175_A2_E09_MR
78833	ZM_175_A2_E10		ZM_175_A2_E10_MR
78834	ZM_175_A2_E11		ZM_175_A2_E11_MR
78835	ZM_175_A2_E12		ZM_175_A2_E12_MR
78836	ZM_175_A2_F01		ZM_175_A2_F01_MR
78837	ZM_175_A2_F02		ZM_175_A2_F02_MR
78838	ZM_175_A2_F03		ZM_175_A2_F03_MR
78839	ZM_175_A2_F04		ZM_175_A2_F04_MR
78840	ZM_175_A2_F05		ZM_175_A2_F05_MR
78841	ZM_175_A2_F06		ZM_175_A2_F06_MR
78842	ZM_175_A2_F07		ZM_175_A2_F07_MR
78843	ZM_175_A2_F08		ZM_175_A2_F08_MR
78844	ZM_175_A2_F09		ZM_175_A2_F09_MR
78845	ZM_175_A2_F10		ZM_175_A2_F10_MR
78846	ZM_175_A2_F11		ZM_175_A2_F11_MR
78847	ZM_175_A2_F12		ZM_175_A2_F12_MR
78848	ZM_175_A2_G02		ZM_175_A2_G02_MR
78849	ZM_175_A2_G03		ZM_175_A2_G03_MR
78850	ZM_175_A2_G04		ZM_175_A2_G04_MR
78851	ZM_175_A2_G05		ZM_175_A2_G05_MR
78852	ZM_175_A2_G06		ZM_175_A2_G06_MR
78853	ZM_175_A2_G07		ZM_175_A2_G07_MR
78854	ZM_175_A2_G08		ZM_175_A2_G08_MR
78855	ZM_175_A2_G09		ZM_175_A2_G09_MR
78856	ZM_175_A2_G10		ZM_175_A2_G10_MR
78857	ZM_175_A2_G11		ZM_175_A2_G11_MR
78858	ZM_175_A2_G12		ZM_175_A2_G12_MR
78859	ZM_175_A2_H01		ZM_175_A2_H01_MR
78860	ZM_175_A2_H02		ZM_175_A2_H02_MR
78861	ZM_175_A2_H03		ZM_175_A2_H03_MR
78862	ZM_175_A2_H04		ZM_175_A2_H04_MR
78863	ZM_175_A2_H05		ZM_175_A2_H05_MR
78864	ZM_175_A2_H06		ZM_175_A2_H06_MR
78865	ZM_175_A2_H07		ZM_175_A2_H07_MR
78866	ZM_175_A2_H08		ZM_175_A2_H08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78867	ZM_175_A2_H09		ZM_175_A2_H09_MR
78868	ZM_175_A2_H10		ZM_175_A2_H10_MR
78869	ZM_175_A2_H11		ZM_175_A2_H11_MR
78870	ZM_175_A2_H12		ZM_175_A2_H12_MR
78871	ZM_175_B1_A01		ZM_175_B1_A01_MR
78872	ZM_175_B1_A05		ZM_175_B1_A05_MR
78873	ZM_175_B1_B01		ZM_175_B1_B01_MR
78874	ZM_175_B1_B02		ZM_175_B1_B02_MR
78875	ZM_175_B1_B07		ZM_175_B1_B07_MR
78876	ZM_175_B1_B10		ZM_175_B1_B10_MR
78877	ZM_175_B1_C01		ZM_175_B1_C01_MR
78878	ZM_175_B1_C02		ZM_175_B1_C02_MR
78879	ZM_175_B1_C03		ZM_175_B1_C03_MR
78880	ZM_175_B1_C05		ZM_175_B1_C05_MR
78881	ZM_175_B1_C09		ZM_175_B1_C09_MR
78882	ZM_175_B1_C10		ZM_175_B1_C10_MR
78883	ZM_175_B1_D01		ZM_175_B1_D01_MR
78884	ZM_175_B1_D02		ZM_175_B1_D02_MR
78885	ZM_175_B1_D03		ZM_175_B1_D03_MR
78886	ZM_175_B1_D04		ZM_175_B1_D04_MR
78887	ZM_175_B1_D05		ZM_175_B1_D05_MR
78888	ZM_175_B1_D08		ZM_175_B1_D08_MR
78889	ZM_175_B1_D10		ZM_175_B1_D10_MR
78890	ZM_175_B1_E01		ZM_175_B1_E01_MR
78891	ZM_175_B1_E04		ZM_175_B1_E04_MR
78892	ZM_175_B1_E05		ZM_175_B1_E05_MR
78893	ZM_175_B1_E10		ZM_175_B1_E10_MR
78894	ZM_175_B1_F02		ZM_175_B1_F02_MR
78895	ZM_175_B1_F08		ZM_175_B1_F08_MR
78896	ZM_175_B1_F10		ZM_175_B1_F10_MR
78897	ZM_175_B1_G01		ZM_175_B1_G01_MR
78898	ZM_175_B1_G02		ZM_175_B1_G02_MR
78899	ZM_175_B1_G03		ZM_175_B1_G03_MR
78900	ZM_175_B1_G04		ZM_175_B1_G04_MR
78901	ZM_175_B1_H01		ZM_175_B1_H01_MR
78902	ZM_175_B1_H03		ZM_175_B1_H03_MR
78903	ZM_175_B1_H04		ZM_175_B1_H04_MR
78904	ZM_175_B1_H07		ZM_175_B1_H07_MR
78905	ZM_175_B2_A03		ZM_175_B2_A03_MR
78906	ZM_175_B2_A05		ZM_175_B2_A05_MR
78907	ZM_175_B2_B03		ZM_175_B2_B03_MR
78908	ZM_175_B2_B04		ZM_175_B2_B04_MR
78909	ZM_175_B2_B06		ZM_175_B2_B06_MR
78910	ZM_175_B2_B07		ZM_175_B2_B07_MR
78911	ZM_175_B2_B09		ZM_175_B2_B09_MR
78912	ZM_175_B2_C05		ZM_175_B2_C05_MR
78913	ZM_175_B2_C10		ZM_175_B2_C10_MR
78914	ZM_175_B2_C12		ZM_175_B2_C12_MR
78915	ZM_175_B2_D03		ZM_175_B2_D03_MR
78916	ZM_175_B2_D07		ZM_175_B2_D07_MR
78917	ZM_175_B2_D09		ZM_175_B2_D09_MR
78918	ZM_175_B2_E05		ZM_175_B2_E05_MR
78919	ZM_175_B2_E07		ZM_175_B2_E07_MR
78920	ZM_175_B2_E10		ZM_175_B2_E10_MR
78921	ZM_175_B2_E12		ZM_175_B2_E12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78922	ZM_175_B2_F03		ZM_175_B2_F03_MR
78923	ZM_175_B2_F04		ZM_175_B2_F04_MR
78924	ZM_175_B2_F07		ZM_175_B2_F07_MR
78925	ZM_175_B2_F10		ZM_175_B2_F10_MR
78926	ZM_175_B2_G04		ZM_175_B2_G04_MR
78927	ZM_175_B2_G05		ZM_175_B2_G05_MR
78928	ZM_175_B2_G08		ZM_175_B2_G08_MR
78929	ZM_175_B2_G09		ZM_175_B2_G09_MR
78930	ZM_175_B2_G10		ZM_175_B2_G10_MR
78931	ZM_175_B2_H03		ZM_175_B2_H03_MR
78932	ZM_175_B2_H10		ZM_175_B2_H10_MR
78933	ZM_175_B2_H12		ZM_175_B2_H12_MR
78934	ZM_176_A1_A01		ZM_176_A1_A01_MR
78935	ZM_176_A1_A02		ZM_176_A1_A02_MR
78936	ZM_176_A1_A03		ZM_176_A1_A03_MR
78937	ZM_176_A1_A04		ZM_176_A1_A04_MR
78938	ZM_176_A1_A05		ZM_176_A1_A05_MR
78939	ZM_176_A1_A06		ZM_176_A1_A06_MR
78940	ZM_176_A1_A07		ZM_176_A1_A07_MR
78941	ZM_176_A1_A08		ZM_176_A1_A08_MR
78942	ZM_176_A1_A09		ZM_176_A1_A09_MR
78943	ZM_176_A1_A10		ZM_176_A1_A10_MR
78944	ZM_176_A1_A11		ZM_176_A1_A11_MR
78945	ZM_176_A1_A12		ZM_176_A1_A12_MR
78946	ZM_176_A1_B01		ZM_176_A1_B01_MR
78947	ZM_176_A1_B02		ZM_176_A1_B02_MR
78948	ZM_176_A1_B03		ZM_176_A1_B03_MR
78949	ZM_176_A1_B04		ZM_176_A1_B04_MR
78950	ZM_176_A1_B05		ZM_176_A1_B05_MR
78951	ZM_176_A1_B06		ZM_176_A1_B06_MR
78952	ZM_176_A1_B07		ZM_176_A1_B07_MR
78953	ZM_176_A1_B09		ZM_176_A1_B09_MR
78954	ZM_176_A1_B10		ZM_176_A1_B10_MR
78955	ZM_176_A1_B11		ZM_176_A1_B11_MR
78956	ZM_176_A1_B12		ZM_176_A1_B12_MR
78957	ZM_176_A1_C01		ZM_176_A1_C01_MR
78958	ZM_176_A1_C02		ZM_176_A1_C02_MR
78959	ZM_176_A1_C03		ZM_176_A1_C03_MR
78960	ZM_176_A1_C04		ZM_176_A1_C04_MR
78961	ZM_176_A1_C05		ZM_176_A1_C05_MR
78962	ZM_176_A1_C06		ZM_176_A1_C06_MR
78963	ZM_176_A1_C07		ZM_176_A1_C07_MR
78964	ZM_176_A1_C08		ZM_176_A1_C08_MR
78965	ZM_176_A1_C09		ZM_176_A1_C09_MR
78966	ZM_176_A1_C10		ZM_176_A1_C10_MR
78967	ZM_176_A1_C12		ZM_176_A1_C12_MR
78968	ZM_176_A1_D01		ZM_176_A1_D01_MR
78969	ZM_176_A1_D02		ZM_176_A1_D02_MR
78970	ZM_176_A1_D03		ZM_176_A1_D03_MR
78971	ZM_176_A1_D04		ZM_176_A1_D04_MR
78972	ZM_176_A1_D05		ZM_176_A1_D05_MR
78973	ZM_176_A1_D06		ZM_176_A1_D06_MR
78974	ZM_176_A1_D07		ZM_176_A1_D07_MR
78975	ZM_176_A1_D08		ZM_176_A1_D08_MR
78976	ZM_176_A1_D09		ZM_176_A1_D09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
78977	ZM_176_A1_D10		ZM_176_A1_D10_MR
78978	ZM_176_A1_D11		ZM_176_A1_D11_MR
78979	ZM_176_A1_D12		ZM_176_A1_D12_MR
78980	ZM_176_A1_E02		ZM_176_A1_E02_MR
78981	ZM_176_A1_E03		ZM_176_A1_E03_MR
78982	ZM_176_A1_E04		ZM_176_A1_E04_MR
78983	ZM_176_A1_E05		ZM_176_A1_E05_MR
78984	ZM_176_A1_E06		ZM_176_A1_E06_MR
78985	ZM_176_A1_E07		ZM_176_A1_E07_MR
78986	ZM_176_A1_E08		ZM_176_A1_E08_MR
78987	ZM_176_A1_E09		ZM_176_A1_E09_MR
78988	ZM_176_A1_E10		ZM_176_A1_E10_MR
78989	ZM_176_A1_E11		ZM_176_A1_E11_MR
78990	ZM_176_A1_E12		ZM_176_A1_E12_MR
78991	ZM_176_A1_F01		ZM_176_A1_F01_MR
78992	ZM_176_A1_F02		ZM_176_A1_F02_MR
78993	ZM_176_A1_F03		ZM_176_A1_F03_MR
78994	ZM_176_A1_F04		ZM_176_A1_F04_MR
78995	ZM_176_A1_F05		ZM_176_A1_F05_MR
78996	ZM_176_A1_F06		ZM_176_A1_F06_MR
78997	ZM_176_A1_F07		ZM_176_A1_F07_MR
78998	ZM_176_A1_F08		ZM_176_A1_F08_MR
78999	ZM_176_A1_F09		ZM_176_A1_F09_MR
79000	ZM_176_A1_F10		ZM_176_A1_F10_MR
79001	ZM_176_A1_F11		ZM_176_A1_F11_MR
79002	ZM_176_A1_F12		ZM_176_A1_F12_MR
79003	ZM_176_A1_G01		ZM_176_A1_G01_MR
79004	ZM_176_A1_G02		ZM_176_A1_G02_MR
79005	ZM_176_A1_G03		ZM_176_A1_G03_MR
79006	ZM_176_A1_G04		ZM_176_A1_G04_MR
79007	ZM_176_A1_G05		ZM_176_A1_G05_MR
79008	ZM_176_A1_G06		ZM_176_A1_G06_MR
79009	ZM_176_A1_G07		ZM_176_A1_G07_MR
79010	ZM_176_A1_G08		ZM_176_A1_G08_MR
79011	ZM_176_A1_G09		ZM_176_A1_G09_MR
79012	ZM_176_A1_G10		ZM_176_A1_G10_MR
79013	ZM_176_A1_G11		ZM_176_A1_G11_MR
79014	ZM_176_A1_G12		ZM_176_A1_G12_MR
79015	ZM_176_A1_H01		ZM_176_A1_H01_MR
79016	ZM_176_A1_H02		ZM_176_A1_H02_MR
79017	ZM_176_A1_H03		ZM_176_A1_H03_MR
79018	ZM_176_A1_H04		ZM_176_A1_H04_MR
79019	ZM_176_A1_H05		ZM_176_A1_H05_MR
79020	ZM_176_A1_H06		ZM_176_A1_H06_MR
79021	ZM_176_A1_H07		ZM_176_A1_H07_MR
79022	ZM_176_A1_H08		ZM_176_A1_H08_MR
79023	ZM_176_A1_H09		ZM_176_A1_H09_MR
79024	ZM_176_A1_H10		ZM_176_A1_H10_MR
79025	ZM_176_A1_H11		ZM_176_A1_H11_MR
79026	ZM_176_A1_H12		ZM_176_A1_H12_MR
79027	ZM_176_A2_A01		ZM_176_A2_A01_MR
79028	ZM_176_A2_A02		ZM_176_A2_A02_MR
79029	ZM_176_A2_A03		ZM_176_A2_A03_MR
79030	ZM_176_A2_A04		ZM_176_A2_A04_MR
79031	ZM_176_A2_A05		ZM_176_A2_A05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79032	ZM_176_A2_A06		ZM_176_A2_A06_MR
79033	ZM_176_A2_A07		ZM_176_A2_A07_MR
79034	ZM_176_A2_A08		ZM_176_A2_A08_MR
79035	ZM_176_A2_A09		ZM_176_A2_A09_MR
79036	ZM_176_A2_A10		ZM_176_A2_A10_MR
79037	ZM_176_A2_A11		ZM_176_A2_A11_MR
79038	ZM_176_A2_A12		ZM_176_A2_A12_MR
79039	ZM_176_A2_B01		ZM_176_A2_B01_MR
79040	ZM_176_A2_B02		ZM_176_A2_B02_MR
79041	ZM_176_A2_B03		ZM_176_A2_B03_MR
79042	ZM_176_A2_B04		ZM_176_A2_B04_MR
79043	ZM_176_A2_B05		ZM_176_A2_B05_MR
79044	ZM_176_A2_B06		ZM_176_A2_B06_MR
79045	ZM_176_A2_B07		ZM_176_A2_B07_MR
79046	ZM_176_A2_B08		ZM_176_A2_B08_MR
79047	ZM_176_A2_B09		ZM_176_A2_B09_MR
79048	ZM_176_A2_B10		ZM_176_A2_B10_MR
79049	ZM_176_A2_B12		ZM_176_A2_B12_MR
79050	ZM_176_A2_C01		ZM_176_A2_C01_MR
79051	ZM_176_A2_C02		ZM_176_A2_C02_MR
79052	ZM_176_A2_C03		ZM_176_A2_C03_MR
79053	ZM_176_A2_C04		ZM_176_A2_C04_MR
79054	ZM_176_A2_C05		ZM_176_A2_C05_MR
79055	ZM_176_A2_C07		ZM_176_A2_C07_MR
79056	ZM_176_A2_C08		ZM_176_A2_C08_MR
79057	ZM_176_A2_C09		ZM_176_A2_C09_MR
79058	ZM_176_A2_C10		ZM_176_A2_C10_MR
79059	ZM_176_A2_C11		ZM_176_A2_C11_MR
79060	ZM_176_A2_C12		ZM_176_A2_C12_MR
79061	ZM_176_A2_D01		ZM_176_A2_D01_MR
79062	ZM_176_A2_D02		ZM_176_A2_D02_MR
79063	ZM_176_A2_D03		ZM_176_A2_D03_MR
79064	ZM_176_A2_D04		ZM_176_A2_D04_MR
79065	ZM_176_A2_D05		ZM_176_A2_D05_MR
79066	ZM_176_A2_D06		ZM_176_A2_D06_MR
79067	ZM_176_A2_D07		ZM_176_A2_D07_MR
79068	ZM_176_A2_D08		ZM_176_A2_D08_MR
79069	ZM_176_A2_D09		ZM_176_A2_D09_MR
79070	ZM_176_A2_D10		ZM_176_A2_D10_MR
79071	ZM_176_A2_D11		ZM_176_A2_D11_MR
79072	ZM_176_A2_D12		ZM_176_A2_D12_MR
79073	ZM_176_A2_E01		ZM_176_A2_E01_MR
79074	ZM_176_A2_E02		ZM_176_A2_E02_MR
79075	ZM_176_A2_E03		ZM_176_A2_E03_MR
79076	ZM_176_A2_E04		ZM_176_A2_E04_MR
79077	ZM_176_A2_E05		ZM_176_A2_E05_MR
79078	ZM_176_A2_E07		ZM_176_A2_E07_MR
79079	ZM_176_A2_E08		ZM_176_A2_E08_MR
79080	ZM_176_A2_E09		ZM_176_A2_E09_MR
79081	ZM_176_A2_E10		ZM_176_A2_E10_MR
79082	ZM_176_A2_E11		ZM_176_A2_E11_MR
79083	ZM_176_A2_E12		ZM_176_A2_E12_MR
79084	ZM_176_A2_F01		ZM_176_A2_F01_MR
79085	ZM_176_A2_F02		ZM_176_A2_F02_MR
79086	ZM_176_A2_F03		ZM_176_A2_F03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79087	ZM_176_A2_F04		ZM_176_A2_F04_MR
79088	ZM_176_A2_F05		ZM_176_A2_F05_MR
79089	ZM_176_A2_F06		ZM_176_A2_F06_MR
79090	ZM_176_A2_F07		ZM_176_A2_F07_MR
79091	ZM_176_A2_F08		ZM_176_A2_F08_MR
79092	ZM_176_A2_F09		ZM_176_A2_F09_MR
79093	ZM_176_A2_F10		ZM_176_A2_F10_MR
79094	ZM_176_A2_F11		ZM_176_A2_F11_MR
79095	ZM_176_A2_F12		ZM_176_A2_F12_MR
79096	ZM_176_A2_G01		ZM_176_A2_G01_MR
79097	ZM_176_A2_G02		ZM_176_A2_G02_MR
79098	ZM_176_A2_G03		ZM_176_A2_G03_MR
79099	ZM_176_A2_G04		ZM_176_A2_G04_MR
79100	ZM_176_A2_G05		ZM_176_A2_G05_MR
79101	ZM_176_A2_G06		ZM_176_A2_G06_MR
79102	ZM_176_A2_G07		ZM_176_A2_G07_MR
79103	ZM_176_A2_G08		ZM_176_A2_G08_MR
79104	ZM_176_A2_G09		ZM_176_A2_G09_MR
79105	ZM_176_A2_G10		ZM_176_A2_G10_MR
79106	ZM_176_A2_G11		ZM_176_A2_G11_MR
79107	ZM_176_A2_G12		ZM_176_A2_G12_MR
79108	ZM_176_A2_H01		ZM_176_A2_H01_MR
79109	ZM_176_A2_H02		ZM_176_A2_H02_MR
79110	ZM_176_A2_H03		ZM_176_A2_H03_MR
79111	ZM_176_A2_H04		ZM_176_A2_H04_MR
79112	ZM_176_A2_H05		ZM_176_A2_H05_MR
79113	ZM_176_A2_H06		ZM_176_A2_H06_MR
79114	ZM_176_A2_H07		ZM_176_A2_H07_MR
79115	ZM_176_A2_H08		ZM_176_A2_H08_MR
79116	ZM_176_A2_H09		ZM_176_A2_H09_MR
79117	ZM_176_A2_H10		ZM_176_A2_H10_MR
79118	ZM_176_A2_H11		ZM_176_A2_H11_MR
79119	ZM_176_A2_H12		ZM_176_A2_H12_MR
79120	ZM_176_B2_A01		ZM_176_B2_A01_MR
79121	ZM_176_B2_A02		ZM_176_B2_A02_MR
79122	ZM_176_B2_A08		ZM_176_B2_A08_MR
79123	ZM_176_B2_A09		ZM_176_B2_A09_MR
79124	ZM_176_B2_A10		ZM_176_B2_A10_MR
79125	ZM_176_B2_B06		ZM_176_B2_B06_MR
79126	ZM_176_B2_B07		ZM_176_B2_B07_MR
79127	ZM_176_B2_B09		ZM_176_B2_B09_MR
79128	ZM_176_B2_B10		ZM_176_B2_B10_MR
79129	ZM_176_B2_C01		ZM_176_B2_C01_MR
79130	ZM_176_B2_C02		ZM_176_B2_C02_MR
79131	ZM_176_B2_C05		ZM_176_B2_C05_MR
79132	ZM_176_B2_C07		ZM_176_B2_C07_MR
79133	ZM_176_B2_C08		ZM_176_B2_C08_MR
79134	ZM_176_B2_C09		ZM_176_B2_C09_MR
79135	ZM_176_B2_D02		ZM_176_B2_D02_MR
79136	ZM_176_B2_D06		ZM_176_B2_D06_MR
79137	ZM_176_B2_D08		ZM_176_B2_D08_MR
79138	ZM_176_B2_E01		ZM_176_B2_E01_MR
79139	ZM_176_B2_E02		ZM_176_B2_E02_MR
79140	ZM_176_B2_E05		ZM_176_B2_E05_MR
79141	ZM_176_B2_E06		ZM_176_B2_E06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79142	ZM_176_B2_E07		ZM_176_B2_E07_MR
79143	ZM_176_B2_E08		ZM_176_B2_E08_MR
79144	ZM_176_B2_E09		ZM_176_B2_E09_MR
79145	ZM_176_B2_F05		ZM_176_B2_F05_MR
79146	ZM_176_B2_F06		ZM_176_B2_F06_MR
79147	ZM_176_B2_F07		ZM_176_B2_F07_MR
79148	ZM_176_B2_F08		ZM_176_B2_F08_MR
79149	ZM_176_B2_G05		ZM_176_B2_G05_MR
79150	ZM_176_B2_G12		ZM_176_B2_G12_MR
79151	ZM_176_B2_H01		ZM_176_B2_H01_MR
79152	ZM_176_B2_H07		ZM_176_B2_H07_MR
79153	ZM_176_B2_H09		ZM_176_B2_H09_MR
79154	ZM_176_B2_H11		ZM_176_B2_H11_MR
79155	ZM_176_B2_H12		ZM_176_B2_H12_MR
79156	ZM_177_A1_A01		ZM_177_A1_A01_MR
79157	ZM_177_A1_A02		ZM_177_A1_A02_MR
79158	ZM_177_A1_A03		ZM_177_A1_A03_MR
79159	ZM_177_A1_A04		ZM_177_A1_A04_MR
79160	ZM_177_A1_A05		ZM_177_A1_A05_MR
79161	ZM_177_A1_A06		ZM_177_A1_A06_MR
79162	ZM_177_A1_A07		ZM_177_A1_A07_MR
79163	ZM_177_A1_A08		ZM_177_A1_A08_MR
79164	ZM_177_A1_A09		ZM_177_A1_A09_MR
79165	ZM_177_A1_A10		ZM_177_A1_A10_MR
79166	ZM_177_A1_A11		ZM_177_A1_A11_MR
79167	ZM_177_A1_A12		ZM_177_A1_A12_MR
79168	ZM_177_A1_B01		ZM_177_A1_B01_MR
79169	ZM_177_A1_B02		ZM_177_A1_B02_MR
79170	ZM_177_A1_B03		ZM_177_A1_B03_MR
79171	ZM_177_A1_B04		ZM_177_A1_B04_MR
79172	ZM_177_A1_B05		ZM_177_A1_B05_MR
79173	ZM_177_A1_B06		ZM_177_A1_B06_MR
79174	ZM_177_A1_B08		ZM_177_A1_B08_MR
79175	ZM_177_A1_B09		ZM_177_A1_B09_MR
79176	ZM_177_A1_B10		ZM_177_A1_B10_MR
79177	ZM_177_A1_B11		ZM_177_A1_B11_MR
79178	ZM_177_A1_B12		ZM_177_A1_B12_MR
79179	ZM_177_A1_C01		ZM_177_A1_C01_MR
79180	ZM_177_A1_C03		ZM_177_A1_C03_MR
79181	ZM_177_A1_C04		ZM_177_A1_C04_MR
79182	ZM_177_A1_C05		ZM_177_A1_C05_MR
79183	ZM_177_A1_C06		ZM_177_A1_C06_MR
79184	ZM_177_A1_C07		ZM_177_A1_C07_MR
79185	ZM_177_A1_C08		ZM_177_A1_C08_MR
79186	ZM_177_A1_C09		ZM_177_A1_C09_MR
79187	ZM_177_A1_C11		ZM_177_A1_C11_MR
79188	ZM_177_A1_C12		ZM_177_A1_C12_MR
79189	ZM_177_A1_D01		ZM_177_A1_D01_MR
79190	ZM_177_A1_D02		ZM_177_A1_D02_MR
79191	ZM_177_A1_D03		ZM_177_A1_D03_MR
79192	ZM_177_A1_D04		ZM_177_A1_D04_MR
79193	ZM_177_A1_D05		ZM_177_A1_D05_MR
79194	ZM_177_A1_D06		ZM_177_A1_D06_MR
79195	ZM_177_A1_D07		ZM_177_A1_D07_MR
79196	ZM_177_A1_D08		ZM_177_A1_D08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79197	ZM_177_A1_D09		ZM_177_A1_D09_MR
79198	ZM_177_A1_D10		ZM_177_A1_D10_MR
79199	ZM_177_A1_D11		ZM_177_A1_D11_MR
79200	ZM_177_A1_D12		ZM_177_A1_D12_MR
79201	ZM_177_A1_E01		ZM_177_A1_E01_MR
79202	ZM_177_A1_E02		ZM_177_A1_E02_MR
79203	ZM_177_A1_E03		ZM_177_A1_E03_MR
79204	ZM_177_A1_E05		ZM_177_A1_E05_MR
79205	ZM_177_A1_E06		ZM_177_A1_E06_MR
79206	ZM_177_A1_E07		ZM_177_A1_E07_MR
79207	ZM_177_A1_E08		ZM_177_A1_E08_MR
79208	ZM_177_A1_E10		ZM_177_A1_E10_MR
79209	ZM_177_A1_E11		ZM_177_A1_E11_MR
79210	ZM_177_A1_E12		ZM_177_A1_E12_MR
79211	ZM_177_A1_F01		ZM_177_A1_F01_MR
79212	ZM_177_A1_F02		ZM_177_A1_F02_MR
79213	ZM_177_A1_F03		ZM_177_A1_F03_MR
79214	ZM_177_A1_F04		ZM_177_A1_F04_MR
79215	ZM_177_A1_F05		ZM_177_A1_F05_MR
79216	ZM_177_A1_F06		ZM_177_A1_F06_MR
79217	ZM_177_A1_F07		ZM_177_A1_F07_MR
79218	ZM_177_A1_F08		ZM_177_A1_F08_MR
79219	ZM_177_A1_F10		ZM_177_A1_F10_MR
79220	ZM_177_A1_F11		ZM_177_A1_F11_MR
79221	ZM_177_A1_G01		ZM_177_A1_G01_MR
79222	ZM_177_A1_G03		ZM_177_A1_G03_MR
79223	ZM_177_A1_G04		ZM_177_A1_G04_MR
79224	ZM_177_A1_G05		ZM_177_A1_G05_MR
79225	ZM_177_A1_G07		ZM_177_A1_G07_MR
79226	ZM_177_A1_G08		ZM_177_A1_G08_MR
79227	ZM_177_A1_G09		ZM_177_A1_G09_MR
79228	ZM_177_A1_G10		ZM_177_A1_G10_MR
79229	ZM_177_A1_G11		ZM_177_A1_G11_MR
79230	ZM_177_A1_G12		ZM_177_A1_G12_MR
79231	ZM_177_A1_H01		ZM_177_A1_H01_MR
79232	ZM_177_A1_H02		ZM_177_A1_H02_MR
79233	ZM_177_A1_H03		ZM_177_A1_H03_MR
79234	ZM_177_A1_H05		ZM_177_A1_H05_MR
79235	ZM_177_A1_H07		ZM_177_A1_H07_MR
79236	ZM_177_A1_H08		ZM_177_A1_H08_MR
79237	ZM_177_A1_H09		ZM_177_A1_H09_MR
79238	ZM_177_A1_H10		ZM_177_A1_H10_MR
79239	ZM_177_A1_H11		ZM_177_A1_H11_MR
79240	ZM_177_A1_H12		ZM_177_A1_H12_MR
79241	ZM_177_A2_A01		ZM_177_A2_A01_MR
79242	ZM_177_A2_A02		ZM_177_A2_A02_MR
79243	ZM_177_A2_A03		ZM_177_A2_A03_MR
79244	ZM_177_A2_A04		ZM_177_A2_A04_MR
79245	ZM_177_A2_A05		ZM_177_A2_A05_MR
79246	ZM_177_A2_A06		ZM_177_A2_A06_MR
79247	ZM_177_A2_A07		ZM_177_A2_A07_MR
79248	ZM_177_A2_A08		ZM_177_A2_A08_MR
79249	ZM_177_A2_A09		ZM_177_A2_A09_MR
79250	ZM_177_A2_A10		ZM_177_A2_A10_MR
79251	ZM_177_A2_A11		ZM_177_A2_A11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79252	ZM_177_A2_A12		ZM_177_A2_A12_MR
79253	ZM_177_A2_B01		ZM_177_A2_B01_MR
79254	ZM_177_A2_B02		ZM_177_A2_B02_MR
79255	ZM_177_A2_B03		ZM_177_A2_B03_MR
79256	ZM_177_A2_B04		ZM_177_A2_B04_MR
79257	ZM_177_A2_B05		ZM_177_A2_B05_MR
79258	ZM_177_A2_B06		ZM_177_A2_B06_MR
79259	ZM_177_A2_B07		ZM_177_A2_B07_MR
79260	ZM_177_A2_B08		ZM_177_A2_B08_MR
79261	ZM_177_A2_B09		ZM_177_A2_B09_MR
79262	ZM_177_A2_B10		ZM_177_A2_B10_MR
79263	ZM_177_A2_B11		ZM_177_A2_B11_MR
79264	ZM_177_A2_B12		ZM_177_A2_B12_MR
79265	ZM_177_A2_C01		ZM_177_A2_C01_MR
79266	ZM_177_A2_C02		ZM_177_A2_C02_MR
79267	ZM_177_A2_C03		ZM_177_A2_C03_MR
79268	ZM_177_A2_C04		ZM_177_A2_C04_MR
79269	ZM_177_A2_C05		ZM_177_A2_C05_MR
79270	ZM_177_A2_C06		ZM_177_A2_C06_MR
79271	ZM_177_A2_C07		ZM_177_A2_C07_MR
79272	ZM_177_A2_C08		ZM_177_A2_C08_MR
79273	ZM_177_A2_C09		ZM_177_A2_C09_MR
79274	ZM_177_A2_C10		ZM_177_A2_C10_MR
79275	ZM_177_A2_C11		ZM_177_A2_C11_MR
79276	ZM_177_A2_C12		ZM_177_A2_C12_MR
79277	ZM_177_A2_D01		ZM_177_A2_D01_MR
79278	ZM_177_A2_D02		ZM_177_A2_D02_MR
79279	ZM_177_A2_D03		ZM_177_A2_D03_MR
79280	ZM_177_A2_D04		ZM_177_A2_D04_MR
79281	ZM_177_A2_D05		ZM_177_A2_D05_MR
79282	ZM_177_A2_D06		ZM_177_A2_D06_MR
79283	ZM_177_A2_D07		ZM_177_A2_D07_MR
79284	ZM_177_A2_D08		ZM_177_A2_D08_MR
79285	ZM_177_A2_D09		ZM_177_A2_D09_MR
79286	ZM_177_A2_D10		ZM_177_A2_D10_MR
79287	ZM_177_A2_D11		ZM_177_A2_D11_MR
79288	ZM_177_A2_D12		ZM_177_A2_D12_MR
79289	ZM_177_A2_E01		ZM_177_A2_E01_MR
79290	ZM_177_A2_E02		ZM_177_A2_E02_MR
79291	ZM_177_A2_E03		ZM_177_A2_E03_MR
79292	ZM_177_A2_E04		ZM_177_A2_E04_MR
79293	ZM_177_A2_E05		ZM_177_A2_E05_MR
79294	ZM_177_A2_E06		ZM_177_A2_E06_MR
79295	ZM_177_A2_E07		ZM_177_A2_E07_MR
79296	ZM_177_A2_E08		ZM_177_A2_E08_MR
79297	ZM_177_A2_E09		ZM_177_A2_E09_MR
79298	ZM_177_A2_E10		ZM_177_A2_E10_MR
79299	ZM_177_A2_E11		ZM_177_A2_E11_MR
79300	ZM_177_A2_E12		ZM_177_A2_E12_MR
79301	ZM_177_A2_F01		ZM_177_A2_F01_MR
79302	ZM_177_A2_F02		ZM_177_A2_F02_MR
79303	ZM_177_A2_F03		ZM_177_A2_F03_MR
79304	ZM_177_A2_F04		ZM_177_A2_F04_MR
79305	ZM_177_A2_F05		ZM_177_A2_F05_MR
79306	ZM_177_A2_F07		ZM_177_A2_F07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79307	ZM_177_A2_F08		ZM_177_A2_F08_MR
79308	ZM_177_A2_F09		ZM_177_A2_F09_MR
79309	ZM_177_A2_F10		ZM_177_A2_F10_MR
79310	ZM_177_A2_F11		ZM_177_A2_F11_MR
79311	ZM_177_A2_F12		ZM_177_A2_F12_MR
79312	ZM_177_A2_G01		ZM_177_A2_G01_MR
79313	ZM_177_A2_G02		ZM_177_A2_G02_MR
79314	ZM_177_A2_G03		ZM_177_A2_G03_MR
79315	ZM_177_A2_G04		ZM_177_A2_G04_MR
79316	ZM_177_A2_G05		ZM_177_A2_G05_MR
79317	ZM_177_A2_G06		ZM_177_A2_G06_MR
79318	ZM_177_A2_G07		ZM_177_A2_G07_MR
79319	ZM_177_A2_G08		ZM_177_A2_G08_MR
79320	ZM_177_A2_G09		ZM_177_A2_G09_MR
79321	ZM_177_A2_G10		ZM_177_A2_G10_MR
79322	ZM_177_A2_G11		ZM_177_A2_G11_MR
79323	ZM_177_A2_G12		ZM_177_A2_G12_MR
79324	ZM_177_A2_H01		ZM_177_A2_H01_MR
79325	ZM_177_A2_H03		ZM_177_A2_H03_MR
79326	ZM_177_A2_H04		ZM_177_A2_H04_MR
79327	ZM_177_A2_H05		ZM_177_A2_H05_MR
79328	ZM_177_A2_H06		ZM_177_A2_H06_MR
79329	ZM_177_A2_H07		ZM_177_A2_H07_MR
79330	ZM_177_A2_H08		ZM_177_A2_H08_MR
79331	ZM_177_A2_H09		ZM_177_A2_H09_MR
79332	ZM_177_A2_H10		ZM_177_A2_H10_MR
79333	ZM_177_A2_H11		ZM_177_A2_H11_MR
79334	ZM_177_A2_H12		ZM_177_A2_H12_MR
79335	ZM_177_B1_A02		ZM_177_B1_A02_MR
79336	ZM_177_B1_A07		ZM_177_B1_A07_MR
79337	ZM_177_B1_A10		ZM_177_B1_A10_MR
79338	ZM_177_B1_B01		ZM_177_B1_B01_MR
79339	ZM_177_B1_B02		ZM_177_B1_B02_MR
79340	ZM_177_B1_B06		ZM_177_B1_B06_MR
79341	ZM_177_B1_B07		ZM_177_B1_B07_MR
79342	ZM_177_B1_B11		ZM_177_B1_B11_MR
79343	ZM_177_B1_C01		ZM_177_B1_C01_MR
79344	ZM_177_B1_C02		ZM_177_B1_C02_MR
79345	ZM_177_B1_C06		ZM_177_B1_C06_MR
79346	ZM_177_B1_D01		ZM_177_B1_D01_MR
79347	ZM_177_B1_D08		ZM_177_B1_D08_MR
79348	ZM_177_B1_D12		ZM_177_B1_D12_MR
79349	ZM_177_B1_E02		ZM_177_B1_E02_MR
79350	ZM_177_B1_E06		ZM_177_B1_E06_MR
79351	ZM_177_B1_E07		ZM_177_B1_E07_MR
79352	ZM_177_B1_E08		ZM_177_B1_E08_MR
79353	ZM_177_B1_F01		ZM_177_B1_F01_MR
79354	ZM_177_B1_F04		ZM_177_B1_F04_MR
79355	ZM_177_B1_F09		ZM_177_B1_F09_MR
79356	ZM_177_B1_G01		ZM_177_B1_G01_MR
79357	ZM_177_B1_H07		ZM_177_B1_H07_MR
79358	ZM_177_B1_H08		ZM_177_B1_H08_MR
79359	ZM_177_B1_H09		ZM_177_B1_H09_MR
79360	ZM_177_B1_H10		ZM_177_B1_H10_MR
79361	ZM_177_B2_A03		ZM_177_B2_A03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79362	ZM_177_B2_A04		ZM_177_B2_A04_MR
79363	ZM_177_B2_A08		ZM_177_B2_A08_MR
79364	ZM_177_B2_A10		ZM_177_B2_A10_MR
79365	ZM_177_B2_A12		ZM_177_B2_A12_MR
79366	ZM_177_B2_B04		ZM_177_B2_B04_MR
79367	ZM_177_B2_B05		ZM_177_B2_B05_MR
79368	ZM_177_B2_B08		ZM_177_B2_B08_MR
79369	ZM_177_B2_B09		ZM_177_B2_B09_MR
79370	ZM_177_B2_B10		ZM_177_B2_B10_MR
79371	ZM_177_B2_B12		ZM_177_B2_B12_MR
79372	ZM_177_B2_C03		ZM_177_B2_C03_MR
79373	ZM_177_B2_C04		ZM_177_B2_C04_MR
79374	ZM_177_B2_C05		ZM_177_B2_C05_MR
79375	ZM_177_B2_C08		ZM_177_B2_C08_MR
79376	ZM_177_B2_C09		ZM_177_B2_C09_MR
79377	ZM_177_B2_C12		ZM_177_B2_C12_MR
79378	ZM_177_B2_D01		ZM_177_B2_D01_MR
79379	ZM_177_B2_D04		ZM_177_B2_D04_MR
79380	ZM_177_B2_D07		ZM_177_B2_D07_MR
79381	ZM_177_B2_D08		ZM_177_B2_D08_MR
79382	ZM_177_B2_D09		ZM_177_B2_D09_MR
79383	ZM_177_B2_D10		ZM_177_B2_D10_MR
79384	ZM_177_B2_D11		ZM_177_B2_D11_MR
79385	ZM_177_B2_D12		ZM_177_B2_D12_MR
79386	ZM_177_B2_E01		ZM_177_B2_E01_MR
79387	ZM_177_B2_E03		ZM_177_B2_E03_MR
79388	ZM_177_B2_E04		ZM_177_B2_E04_MR
79389	ZM_177_B2_E05		ZM_177_B2_E05_MR
79390	ZM_177_B2_E07		ZM_177_B2_E07_MR
79391	ZM_177_B2_E08		ZM_177_B2_E08_MR
79392	ZM_177_B2_E09		ZM_177_B2_E09_MR
79393	ZM_177_B2_E10		ZM_177_B2_E10_MR
79394	ZM_177_B2_E11		ZM_177_B2_E11_MR
79395	ZM_177_B2_E12		ZM_177_B2_E12_MR
79396	ZM_177_B2_F01		ZM_177_B2_F01_MR
79397	ZM_177_B2_F02		ZM_177_B2_F02_MR
79398	ZM_177_B2_F04		ZM_177_B2_F04_MR
79399	ZM_177_B2_F07		ZM_177_B2_F07_MR
79400	ZM_177_B2_F08		ZM_177_B2_F08_MR
79401	ZM_177_B2_F09		ZM_177_B2_F09_MR
79402	ZM_177_B2_F10		ZM_177_B2_F10_MR
79403	ZM_177_B2_F11		ZM_177_B2_F11_MR
79404	ZM_177_B2_F12		ZM_177_B2_F12_MR
79405	ZM_177_B2_G01		ZM_177_B2_G01_MR
79406	ZM_177_B2_G02		ZM_177_B2_G02_MR
79407	ZM_177_B2_G03		ZM_177_B2_G03_MR
79408	ZM_177_B2_G04		ZM_177_B2_G04_MR
79409	ZM_177_B2_G07		ZM_177_B2_G07_MR
79410	ZM_177_B2_G08		ZM_177_B2_G08_MR
79411	ZM_177_B2_G09		ZM_177_B2_G09_MR
79412	ZM_177_B2_G10		ZM_177_B2_G10_MR
79413	ZM_177_B2_G11		ZM_177_B2_G11_MR
79414	ZM_177_B2_G12		ZM_177_B2_G12_MR
79415	ZM_177_B2_H04		ZM_177_B2_H04_MR
79416	ZM_177_B2_H05		ZM_177_B2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79417	ZM_177_B2_H07		ZM_177_B2_H07_MR
79418	ZM_177_B2_H08		ZM_177_B2_H08_MR
79419	ZM_177_B2_H10		ZM_177_B2_H10_MR
79420	ZM_177_B2_H11		ZM_177_B2_H11_MR
79421	ZM_177_B2_H12		ZM_177_B2_H12_MR
79422	ZM_178_A1_A01		ZM_178_A1_A01_MR
79423	ZM_178_A1_A02		ZM_178_A1_A02_MR
79424	ZM_178_A1_A03		ZM_178_A1_A03_MR
79425	ZM_178_A1_A04		ZM_178_A1_A04_MR
79426	ZM_178_A1_A06		ZM_178_A1_A06_MR
79427	ZM_178_A1_A07		ZM_178_A1_A07_MR
79428	ZM_178_A1_A09		ZM_178_A1_A09_MR
79429	ZM_178_A1_A10		ZM_178_A1_A10_MR
79430	ZM_178_A1_A11		ZM_178_A1_A11_MR
79431	ZM_178_A1_A12		ZM_178_A1_A12_MR
79432	ZM_178_A1_B01		ZM_178_A1_B01_MR
79433	ZM_178_A1_B02		ZM_178_A1_B02_MR
79434	ZM_178_A1_B03		ZM_178_A1_B03_MR
79435	ZM_178_A1_B04		ZM_178_A1_B04_MR
79436	ZM_178_A1_B05		ZM_178_A1_B05_MR
79437	ZM_178_A1_B06		ZM_178_A1_B06_MR
79438	ZM_178_A1_B07		ZM_178_A1_B07_MR
79439	ZM_178_A1_B08		ZM_178_A1_B08_MR
79440	ZM_178_A1_B09		ZM_178_A1_B09_MR
79441	ZM_178_A1_B10		ZM_178_A1_B10_MR
79442	ZM_178_A1_B12		ZM_178_A1_B12_MR
79443	ZM_178_A1_C01		ZM_178_A1_C01_MR
79444	ZM_178_A1_C02		ZM_178_A1_C02_MR
79445	ZM_178_A1_C03		ZM_178_A1_C03_MR
79446	ZM_178_A1_C04		ZM_178_A1_C04_MR
79447	ZM_178_A1_C05		ZM_178_A1_C05_MR
79448	ZM_178_A1_C06		ZM_178_A1_C06_MR
79449	ZM_178_A1_C07		ZM_178_A1_C07_MR
79450	ZM_178_A1_C08		ZM_178_A1_C08_MR
79451	ZM_178_A1_C09		ZM_178_A1_C09_MR
79452	ZM_178_A1_C10		ZM_178_A1_C10_MR
79453	ZM_178_A1_C11		ZM_178_A1_C11_MR
79454	ZM_178_A1_C12		ZM_178_A1_C12_MR
79455	ZM_178_A1_D01		ZM_178_A1_D01_MR
79456	ZM_178_A1_D02		ZM_178_A1_D02_MR
79457	ZM_178_A1_D03		ZM_178_A1_D03_MR
79458	ZM_178_A1_D04		ZM_178_A1_D04_MR
79459	ZM_178_A1_D05		ZM_178_A1_D05_MR
79460	ZM_178_A1_D06		ZM_178_A1_D06_MR
79461	ZM_178_A1_D07		ZM_178_A1_D07_MR
79462	ZM_178_A1_D08		ZM_178_A1_D08_MR
79463	ZM_178_A1_D09		ZM_178_A1_D09_MR
79464	ZM_178_A1_D10		ZM_178_A1_D10_MR
79465	ZM_178_A1_D11		ZM_178_A1_D11_MR
79466	ZM_178_A1_D12		ZM_178_A1_D12_MR
79467	ZM_178_A1_E01		ZM_178_A1_E01_MR
79468	ZM_178_A1_E02		ZM_178_A1_E02_MR
79469	ZM_178_A1_E03		ZM_178_A1_E03_MR
79470	ZM_178_A1_E04		ZM_178_A1_E04_MR
79471	ZM_178_A1_E05		ZM_178_A1_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79472	ZM_178_A1_E06		ZM_178_A1_E06_MR
79473	ZM_178_A1_E07		ZM_178_A1_E07_MR
79474	ZM_178_A1_E08		ZM_178_A1_E08_MR
79475	ZM_178_A1_E09		ZM_178_A1_E09_MR
79476	ZM_178_A1_E10		ZM_178_A1_E10_MR
79477	ZM_178_A1_E11		ZM_178_A1_E11_MR
79478	ZM_178_A1_E12		ZM_178_A1_E12_MR
79479	ZM_178_A1_F01		ZM_178_A1_F01_MR
79480	ZM_178_A1_F03		ZM_178_A1_F03_MR
79481	ZM_178_A1_F04		ZM_178_A1_F04_MR
79482	ZM_178_A1_F05		ZM_178_A1_F05_MR
79483	ZM_178_A1_F06		ZM_178_A1_F06_MR
79484	ZM_178_A1_F07		ZM_178_A1_F07_MR
79485	ZM_178_A1_F08		ZM_178_A1_F08_MR
79486	ZM_178_A1_F09		ZM_178_A1_F09_MR
79487	ZM_178_A1_F10		ZM_178_A1_F10_MR
79488	ZM_178_A1_F11		ZM_178_A1_F11_MR
79489	ZM_178_A1_F12		ZM_178_A1_F12_MR
79490	ZM_178_A1_G01		ZM_178_A1_G01_MR
79491	ZM_178_A1_G02		ZM_178_A1_G02_MR
79492	ZM_178_A1_G03		ZM_178_A1_G03_MR
79493	ZM_178_A1_G04		ZM_178_A1_G04_MR
79494	ZM_178_A1_G05		ZM_178_A1_G05_MR
79495	ZM_178_A1_G06		ZM_178_A1_G06_MR
79496	ZM_178_A1_G07		ZM_178_A1_G07_MR
79497	ZM_178_A1_G08		ZM_178_A1_G08_MR
79498	ZM_178_A1_G09		ZM_178_A1_G09_MR
79499	ZM_178_A1_G10		ZM_178_A1_G10_MR
79500	ZM_178_A1_G11		ZM_178_A1_G11_MR
79501	ZM_178_A1_G12		ZM_178_A1_G12_MR
79502	ZM_178_A1_H01		ZM_178_A1_H01_MR
79503	ZM_178_A1_H02		ZM_178_A1_H02_MR
79504	ZM_178_A1_H03		ZM_178_A1_H03_MR
79505	ZM_178_A1_H04		ZM_178_A1_H04_MR
79506	ZM_178_A1_H05		ZM_178_A1_H05_MR
79507	ZM_178_A1_H06		ZM_178_A1_H06_MR
79508	ZM_178_A1_H07		ZM_178_A1_H07_MR
79509	ZM_178_A1_H08		ZM_178_A1_H08_MR
79510	ZM_178_A1_H09		ZM_178_A1_H09_MR
79511	ZM_178_A1_H10		ZM_178_A1_H10_MR
79512	ZM_178_A1_H11		ZM_178_A1_H11_MR
79513	ZM_178_A1_H12		ZM_178_A1_H12_MR
79514	ZM_178_A2_A01		ZM_178_A2_A01_MR
79515	ZM_178_A2_A02		ZM_178_A2_A02_MR
79516	ZM_178_A2_A03		ZM_178_A2_A03_MR
79517	ZM_178_A2_A04		ZM_178_A2_A04_MR
79518	ZM_178_A2_A05		ZM_178_A2_A05_MR
79519	ZM_178_A2_A06		ZM_178_A2_A06_MR
79520	ZM_178_A2_A07		ZM_178_A2_A07_MR
79521	ZM_178_A2_A08		ZM_178_A2_A08_MR
79522	ZM_178_A2_A09		ZM_178_A2_A09_MR
79523	ZM_178_A2_A11		ZM_178_A2_A11_MR
79524	ZM_178_A2_A12		ZM_178_A2_A12_MR
79525	ZM_178_A2_B01		ZM_178_A2_B01_MR
79526	ZM_178_A2_B02		ZM_178_A2_B02_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79527	ZM_178_A2_B03		ZM_178_A2_B03_MR
79528	ZM_178_A2_B04		ZM_178_A2_B04_MR
79529	ZM_178_A2_B05		ZM_178_A2_B05_MR
79530	ZM_178_A2_B06		ZM_178_A2_B06_MR
79531	ZM_178_A2_B07		ZM_178_A2_B07_MR
79532	ZM_178_A2_B08		ZM_178_A2_B08_MR
79533	ZM_178_A2_B09		ZM_178_A2_B09_MR
79534	ZM_178_A2_B10		ZM_178_A2_B10_MR
79535	ZM_178_A2_B11		ZM_178_A2_B11_MR
79536	ZM_178_A2_B12		ZM_178_A2_B12_MR
79537	ZM_178_A2_C01		ZM_178_A2_C01_MR
79538	ZM_178_A2_C02		ZM_178_A2_C02_MR
79539	ZM_178_A2_C03		ZM_178_A2_C03_MR
79540	ZM_178_A2_C05		ZM_178_A2_C05_MR
79541	ZM_178_A2_C06		ZM_178_A2_C06_MR
79542	ZM_178_A2_C07		ZM_178_A2_C07_MR
79543	ZM_178_A2_C08		ZM_178_A2_C08_MR
79544	ZM_178_A2_C09		ZM_178_A2_C09_MR
79545	ZM_178_A2_C11		ZM_178_A2_C11_MR
79546	ZM_178_A2_C12		ZM_178_A2_C12_MR
79547	ZM_178_A2_D01		ZM_178_A2_D01_MR
79548	ZM_178_A2_D02		ZM_178_A2_D02_MR
79549	ZM_178_A2_D03		ZM_178_A2_D03_MR
79550	ZM_178_A2_D04		ZM_178_A2_D04_MR
79551	ZM_178_A2_D05		ZM_178_A2_D05_MR
79552	ZM_178_A2_D06		ZM_178_A2_D06_MR
79553	ZM_178_A2_D07		ZM_178_A2_D07_MR
79554	ZM_178_A2_D09		ZM_178_A2_D09_MR
79555	ZM_178_A2_D10		ZM_178_A2_D10_MR
79556	ZM_178_A2_D11		ZM_178_A2_D11_MR
79557	ZM_178_A2_D12		ZM_178_A2_D12_MR
79558	ZM_178_A2_E01		ZM_178_A2_E01_MR
79559	ZM_178_A2_E02		ZM_178_A2_E02_MR
79560	ZM_178_A2_E03		ZM_178_A2_E03_MR
79561	ZM_178_A2_E04		ZM_178_A2_E04_MR
79562	ZM_178_A2_E05		ZM_178_A2_E05_MR
79563	ZM_178_A2_E06		ZM_178_A2_E06_MR
79564	ZM_178_A2_E07		ZM_178_A2_E07_MR
79565	ZM_178_A2_E08		ZM_178_A2_E08_MR
79566	ZM_178_A2_E09		ZM_178_A2_E09_MR
79567	ZM_178_A2_E10		ZM_178_A2_E10_MR
79568	ZM_178_A2_E11		ZM_178_A2_E11_MR
79569	ZM_178_A2_E12		ZM_178_A2_E12_MR
79570	ZM_178_A2_F01		ZM_178_A2_F01_MR
79571	ZM_178_A2_F02		ZM_178_A2_F02_MR
79572	ZM_178_A2_F03		ZM_178_A2_F03_MR
79573	ZM_178_A2_F04		ZM_178_A2_F04_MR
79574	ZM_178_A2_F06		ZM_178_A2_F06_MR
79575	ZM_178_A2_F07		ZM_178_A2_F07_MR
79576	ZM_178_A2_F08		ZM_178_A2_F08_MR
79577	ZM_178_A2_F09		ZM_178_A2_F09_MR
79578	ZM_178_A2_F10		ZM_178_A2_F10_MR
79579	ZM_178_A2_F11		ZM_178_A2_F11_MR
79580	ZM_178_A2_F12		ZM_178_A2_F12_MR
79581	ZM_178_A2_G01		ZM_178_A2_G01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79582	ZM_178_A2_G02		ZM_178_A2_G02_MR
79583	ZM_178_A2_G03		ZM_178_A2_G03_MR
79584	ZM_178_A2_G04		ZM_178_A2_G04_MR
79585	ZM_178_A2_G05		ZM_178_A2_G05_MR
79586	ZM_178_A2_G06		ZM_178_A2_G06_MR
79587	ZM_178_A2_G07		ZM_178_A2_G07_MR
79588	ZM_178_A2_G08		ZM_178_A2_G08_MR
79589	ZM_178_A2_G09		ZM_178_A2_G09_MR
79590	ZM_178_A2_G10		ZM_178_A2_G10_MR
79591	ZM_178_A2_G11		ZM_178_A2_G11_MR
79592	ZM_178_A2_G12		ZM_178_A2_G12_MR
79593	ZM_178_A2_H01		ZM_178_A2_H01_MR
79594	ZM_178_A2_H02		ZM_178_A2_H02_MR
79595	ZM_178_A2_H03		ZM_178_A2_H03_MR
79596	ZM_178_A2_H04		ZM_178_A2_H04_MR
79597	ZM_178_A2_H05		ZM_178_A2_H05_MR
79598	ZM_178_A2_H06		ZM_178_A2_H06_MR
79599	ZM_178_A2_H07		ZM_178_A2_H07_MR
79600	ZM_178_A2_H08		ZM_178_A2_H08_MR
79601	ZM_178_A2_H09		ZM_178_A2_H09_MR
79602	ZM_178_A2_H10		ZM_178_A2_H10_MR
79603	ZM_178_A2_H11		ZM_178_A2_H11_MR
79604	ZM_178_A2_H12		ZM_178_A2_H12_MR
79605	ZM_178_B1_A04		ZM_178_B1_A04_MR
79606	ZM_178_B1_A08		ZM_178_B1_A08_MR
79607	ZM_178_B1_A09		ZM_178_B1_A09_MR
79608	ZM_178_B1_A10		ZM_178_B1_A10_MR
79609	ZM_178_B1_B02		ZM_178_B1_B02_MR
79610	ZM_178_B1_B04		ZM_178_B1_B04_MR
79611	ZM_178_B1_B05		ZM_178_B1_B05_MR
79612	ZM_178_B1_B06		ZM_178_B1_B06_MR
79613	ZM_178_B1_B07		ZM_178_B1_B07_MR
79614	ZM_178_B1_B08		ZM_178_B1_B08_MR
79615	ZM_178_B1_B10		ZM_178_B1_B10_MR
79616	ZM_178_B1_B11		ZM_178_B1_B11_MR
79617	ZM_178_B1_B12		ZM_178_B1_B12_MR
79618	ZM_178_B1_C03		ZM_178_B1_C03_MR
79619	ZM_178_B1_C04		ZM_178_B1_C04_MR
79620	ZM_178_B1_C05		ZM_178_B1_C05_MR
79621	ZM_178_B1_C06		ZM_178_B1_C06_MR
79622	ZM_178_B1_C07		ZM_178_B1_C07_MR
79623	ZM_178_B1_C08		ZM_178_B1_C08_MR
79624	ZM_178_B1_C09		ZM_178_B1_C09_MR
79625	ZM_178_B1_C10		ZM_178_B1_C10_MR
79626	ZM_178_B1_D01		ZM_178_B1_D01_MR
79627	ZM_178_B1_D02		ZM_178_B1_D02_MR
79628	ZM_178_B1_D04		ZM_178_B1_D04_MR
79629	ZM_178_B1_D07		ZM_178_B1_D07_MR
79630	ZM_178_B1_D08		ZM_178_B1_D08_MR
79631	ZM_178_B1_D09		ZM_178_B1_D09_MR
79632	ZM_178_B1_D10		ZM_178_B1_D10_MR
79633	ZM_178_B1_D11		ZM_178_B1_D11_MR
79634	ZM_178_B1_E01		ZM_178_B1_E01_MR
79635	ZM_178_B1_E02		ZM_178_B1_E02_MR
79636	ZM_178_B1_E05		ZM_178_B1_E05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79637	ZM_178_B1_E06		ZM_178_B1_E06_MR
79638	ZM_178_B1_E08		ZM_178_B1_E08_MR
79639	ZM_178_B1_E09		ZM_178_B1_E09_MR
79640	ZM_178_B1_E11		ZM_178_B1_E11_MR
79641	ZM_178_B1_F01		ZM_178_B1_F01_MR
79642	ZM_178_B1_F02		ZM_178_B1_F02_MR
79643	ZM_178_B1_F04		ZM_178_B1_F04_MR
79644	ZM_178_B1_F06		ZM_178_B1_F06_MR
79645	ZM_178_B1_F07		ZM_178_B1_F07_MR
79646	ZM_178_B1_F08		ZM_178_B1_F08_MR
79647	ZM_178_B1_F09		ZM_178_B1_F09_MR
79648	ZM_178_B1_F10		ZM_178_B1_F10_MR
79649	ZM_178_B1_F11		ZM_178_B1_F11_MR
79650	ZM_178_B1_F12		ZM_178_B1_F12_MR
79651	ZM_178_B1_G01		ZM_178_B1_G01_MR
79652	ZM_178_B1_G03		ZM_178_B1_G03_MR
79653	ZM_178_B1_G04		ZM_178_B1_G04_MR
79654	ZM_178_B1_G05		ZM_178_B1_G05_MR
79655	ZM_178_B1_G06		ZM_178_B1_G06_MR
79656	ZM_178_B1_G07		ZM_178_B1_G07_MR
79657	ZM_178_B1_G08		ZM_178_B1_G08_MR
79658	ZM_178_B1_G09		ZM_178_B1_G09_MR
79659	ZM_178_B1_G10		ZM_178_B1_G10_MR
79660	ZM_178_B1_H08		ZM_178_B1_H08_MR
79661	ZM_178_B1_H11		ZM_178_B1_H11_MR
79662	ZM_178_B2_A01		ZM_178_B2_A01_MR
79663	ZM_178_B2_A02		ZM_178_B2_A02_MR
79664	ZM_178_B2_A04		ZM_178_B2_A04_MR
79665	ZM_178_B2_A05		ZM_178_B2_A05_MR
79666	ZM_178_B2_A06		ZM_178_B2_A06_MR
79667	ZM_178_B2_A07		ZM_178_B2_A07_MR
79668	ZM_178_B2_A08		ZM_178_B2_A08_MR
79669	ZM_178_B2_A09		ZM_178_B2_A09_MR
79670	ZM_178_B2_A11		ZM_178_B2_A11_MR
79671	ZM_178_B2_A12		ZM_178_B2_A12_MR
79672	ZM_178_B2_B02		ZM_178_B2_B02_MR
79673	ZM_178_B2_B03		ZM_178_B2_B03_MR
79674	ZM_178_B2_B04		ZM_178_B2_B04_MR
79675	ZM_178_B2_B05		ZM_178_B2_B05_MR
79676	ZM_178_B2_B06		ZM_178_B2_B06_MR
79677	ZM_178_B2_B07		ZM_178_B2_B07_MR
79678	ZM_178_B2_B08		ZM_178_B2_B08_MR
79679	ZM_178_B2_B10		ZM_178_B2_B10_MR
79680	ZM_178_B2_B11		ZM_178_B2_B11_MR
79681	ZM_178_B2_B12		ZM_178_B2_B12_MR
79682	ZM_178_B2_C01		ZM_178_B2_C01_MR
79683	ZM_178_B2_C02		ZM_178_B2_C02_MR
79684	ZM_178_B2_C03		ZM_178_B2_C03_MR
79685	ZM_178_B2_C04		ZM_178_B2_C04_MR
79686	ZM_178_B2_C05		ZM_178_B2_C05_MR
79687	ZM_178_B2_C06		ZM_178_B2_C06_MR
79688	ZM_178_B2_C08		ZM_178_B2_C08_MR
79689	ZM_178_B2_C09		ZM_178_B2_C09_MR
79690	ZM_178_B2_C11		ZM_178_B2_C11_MR
79691	ZM_178_B2_C12		ZM_178_B2_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79692	ZM_178_B2_D02		ZM_178_B2_D02_MR
79693	ZM_178_B2_D04		ZM_178_B2_D04_MR
79694	ZM_178_B2_D05		ZM_178_B2_D05_MR
79695	ZM_178_B2_D07		ZM_178_B2_D07_MR
79696	ZM_178_B2_D08		ZM_178_B2_D08_MR
79697	ZM_178_B2_D09		ZM_178_B2_D09_MR
79698	ZM_178_B2_D10		ZM_178_B2_D10_MR
79699	ZM_178_B2_D11		ZM_178_B2_D11_MR
79700	ZM_178_B2_E02		ZM_178_B2_E02_MR
79701	ZM_178_B2_E03		ZM_178_B2_E03_MR
79702	ZM_178_B2_E04		ZM_178_B2_E04_MR
79703	ZM_178_B2_E05		ZM_178_B2_E05_MR
79704	ZM_178_B2_E06		ZM_178_B2_E06_MR
79705	ZM_178_B2_E08		ZM_178_B2_E08_MR
79706	ZM_178_B2_E09		ZM_178_B2_E09_MR
79707	ZM_178_B2_E10		ZM_178_B2_E10_MR
79708	ZM_178_B2_E11		ZM_178_B2_E11_MR
79709	ZM_178_B2_E12		ZM_178_B2_E12_MR
79710	ZM_178_B2_F02		ZM_178_B2_F02_MR
79711	ZM_178_B2_F03		ZM_178_B2_F03_MR
79712	ZM_178_B2_F04		ZM_178_B2_F04_MR
79713	ZM_178_B2_F05		ZM_178_B2_F05_MR
79714	ZM_178_B2_F07		ZM_178_B2_F07_MR
79715	ZM_178_B2_F08		ZM_178_B2_F08_MR
79716	ZM_178_B2_F09		ZM_178_B2_F09_MR
79717	ZM_178_B2_F11		ZM_178_B2_F11_MR
79718	ZM_178_B2_F12		ZM_178_B2_F12_MR
79719	ZM_178_B2_G03		ZM_178_B2_G03_MR
79720	ZM_178_B2_G05		ZM_178_B2_G05_MR
79721	ZM_178_B2_G06		ZM_178_B2_G06_MR
79722	ZM_178_B2_G07		ZM_178_B2_G07_MR
79723	ZM_178_B2_G08		ZM_178_B2_G08_MR
79724	ZM_178_B2_G09		ZM_178_B2_G09_MR
79725	ZM_178_B2_G11		ZM_178_B2_G11_MR
79726	ZM_178_B2_G12		ZM_178_B2_G12_MR
79727	ZM_178_B2_H03		ZM_178_B2_H03_MR
79728	ZM_178_B2_H04		ZM_178_B2_H04_MR
79729	ZM_178_B2_H05		ZM_178_B2_H05_MR
79730	ZM_178_B2_H07		ZM_178_B2_H07_MR
79731	ZM_178_B2_H08		ZM_178_B2_H08_MR
79732	ZM_178_B2_H10		ZM_178_B2_H10_MR
79733	ZM_178_B2_H11		ZM_178_B2_H11_MR
79734	ZM_179_A2_A01		ZM_179_A2_A01_MR
79735	ZM_179_A2_A02		ZM_179_A2_A02_MR
79736	ZM_179_A2_A03		ZM_179_A2_A03_MR
79737	ZM_179_A2_A04		ZM_179_A2_A04_MR
79738	ZM_179_A2_A05		ZM_179_A2_A05_MR
79739	ZM_179_A2_A06		ZM_179_A2_A06_MR
79740	ZM_179_A2_A07		ZM_179_A2_A07_MR
79741	ZM_179_A2_A08		ZM_179_A2_A08_MR
79742	ZM_179_A2_A09		ZM_179_A2_A09_MR
79743	ZM_179_A2_A10		ZM_179_A2_A10_MR
79744	ZM_179_A2_A11		ZM_179_A2_A11_MR
79745	ZM_179_A2_A12		ZM_179_A2_A12_MR
79746	ZM_179_A2_B01		ZM_179_A2_B01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79747	ZM_179_A2_B02		ZM_179_A2_B02_MR
79748	ZM_179_A2_B03		ZM_179_A2_B03_MR
79749	ZM_179_A2_B04		ZM_179_A2_B04_MR
79750	ZM_179_A2_B05		ZM_179_A2_B05_MR
79751	ZM_179_A2_B06		ZM_179_A2_B06_MR
79752	ZM_179_A2_B07		ZM_179_A2_B07_MR
79753	ZM_179_A2_B08		ZM_179_A2_B08_MR
79754	ZM_179_A2_B09		ZM_179_A2_B09_MR
79755	ZM_179_A2_B10		ZM_179_A2_B10_MR
79756	ZM_179_A2_B11		ZM_179_A2_B11_MR
79757	ZM_179_A2_B12		ZM_179_A2_B12_MR
79758	ZM_179_A2_C01		ZM_179_A2_C01_MR
79759	ZM_179_A2_C02		ZM_179_A2_C02_MR
79760	ZM_179_A2_C03		ZM_179_A2_C03_MR
79761	ZM_179_A2_C04		ZM_179_A2_C04_MR
79762	ZM_179_A2_C05		ZM_179_A2_C05_MR
79763	ZM_179_A2_C06		ZM_179_A2_C06_MR
79764	ZM_179_A2_C07		ZM_179_A2_C07_MR
79765	ZM_179_A2_C08		ZM_179_A2_C08_MR
79766	ZM_179_A2_C09		ZM_179_A2_C09_MR
79767	ZM_179_A2_C10		ZM_179_A2_C10_MR
79768	ZM_179_A2_C11		ZM_179_A2_C11_MR
79769	ZM_179_A2_C12		ZM_179_A2_C12_MR
79770	ZM_179_A2_D01		ZM_179_A2_D01_MR
79771	ZM_179_A2_D02		ZM_179_A2_D02_MR
79772	ZM_179_A2_D03		ZM_179_A2_D03_MR
79773	ZM_179_A2_D04		ZM_179_A2_D04_MR
79774	ZM_179_A2_D05		ZM_179_A2_D05_MR
79775	ZM_179_A2_D06		ZM_179_A2_D06_MR
79776	ZM_179_A2_D07		ZM_179_A2_D07_MR
79777	ZM_179_A2_D08		ZM_179_A2_D08_MR
79778	ZM_179_A2_D09		ZM_179_A2_D09_MR
79779	ZM_179_A2_D10		ZM_179_A2_D10_MR
79780	ZM_179_A2_D11		ZM_179_A2_D11_MR
79781	ZM_179_A2_D12		ZM_179_A2_D12_MR
79782	ZM_179_A2_E01		ZM_179_A2_E01_MR
79783	ZM_179_A2_E02		ZM_179_A2_E02_MR
79784	ZM_179_A2_E03		ZM_179_A2_E03_MR
79785	ZM_179_A2_E04		ZM_179_A2_E04_MR
79786	ZM_179_A2_E05		ZM_179_A2_E05_MR
79787	ZM_179_A2_E06		ZM_179_A2_E06_MR
79788	ZM_179_A2_E07		ZM_179_A2_E07_MR
79789	ZM_179_A2_E08		ZM_179_A2_E08_MR
79790	ZM_179_A2_E09		ZM_179_A2_E09_MR
79791	ZM_179_A2_E10		ZM_179_A2_E10_MR
79792	ZM_179_A2_E11		ZM_179_A2_E11_MR
79793	ZM_179_A2_E12		ZM_179_A2_E12_MR
79794	ZM_179_A2_F01		ZM_179_A2_F01_MR
79795	ZM_179_A2_F02		ZM_179_A2_F02_MR
79796	ZM_179_A2_F03		ZM_179_A2_F03_MR
79797	ZM_179_A2_F04		ZM_179_A2_F04_MR
79798	ZM_179_A2_F05		ZM_179_A2_F05_MR
79799	ZM_179_A2_F06		ZM_179_A2_F06_MR
79800	ZM_179_A2_F07		ZM_179_A2_F07_MR
79801	ZM_179_A2_F08		ZM_179_A2_F08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79802	ZM_179_A2_F09		ZM_179_A2_F09_MR
79803	ZM_179_A2_F10		ZM_179_A2_F10_MR
79804	ZM_179_A2_F11		ZM_179_A2_F11_MR
79805	ZM_179_A2_F12		ZM_179_A2_F12_MR
79806	ZM_179_A2_G01		ZM_179_A2_G01_MR
79807	ZM_179_A2_G02		ZM_179_A2_G02_MR
79808	ZM_179_A2_G03		ZM_179_A2_G03_MR
79809	ZM_179_A2_G04		ZM_179_A2_G04_MR
79810	ZM_179_A2_G05		ZM_179_A2_G05_MR
79811	ZM_179_A2_G06		ZM_179_A2_G06_MR
79812	ZM_179_A2_G07		ZM_179_A2_G07_MR
79813	ZM_179_A2_G08		ZM_179_A2_G08_MR
79814	ZM_179_A2_G09		ZM_179_A2_G09_MR
79815	ZM_179_A2_G10		ZM_179_A2_G10_MR
79816	ZM_179_A2_G11		ZM_179_A2_G11_MR
79817	ZM_179_A2_G12		ZM_179_A2_G12_MR
79818	ZM_179_A2_H01		ZM_179_A2_H01_MR
79819	ZM_179_A2_H02		ZM_179_A2_H02_MR
79820	ZM_179_A2_H03		ZM_179_A2_H03_MR
79821	ZM_179_A2_H04		ZM_179_A2_H04_MR
79822	ZM_179_A2_H05		ZM_179_A2_H05_MR
79823	ZM_179_A2_H06		ZM_179_A2_H06_MR
79824	ZM_179_A2_H07		ZM_179_A2_H07_MR
79825	ZM_179_A2_H08		ZM_179_A2_H08_MR
79826	ZM_179_A2_H09		ZM_179_A2_H09_MR
79827	ZM_179_A2_H10		ZM_179_A2_H10_MR
79828	ZM_179_A2_H11		ZM_179_A2_H11_MR
79829	ZM_179_A2_H12		ZM_179_A2_H12_MR
79830	ZM_179_B1_A02		ZM_179_B1_A02_MR
79831	ZM_179_B1_A03		ZM_179_B1_A03_MR
79832	ZM_179_B1_A04		ZM_179_B1_A04_MR
79833	ZM_179_B1_A05		ZM_179_B1_A05_MR
79834	ZM_179_B1_A06		ZM_179_B1_A06_MR
79835	ZM_179_B1_A07		ZM_179_B1_A07_MR
79836	ZM_179_B1_A08		ZM_179_B1_A08_MR
79837	ZM_179_B1_A09		ZM_179_B1_A09_MR
79838	ZM_179_B1_A11		ZM_179_B1_A11_MR
79839	ZM_179_B1_A12		ZM_179_B1_A12_MR
79840	ZM_179_B1_B06		ZM_179_B1_B06_MR
79841	ZM_179_B1_B07		ZM_179_B1_B07_MR
79842	ZM_179_B1_B08		ZM_179_B1_B08_MR
79843	ZM_179_B1_B09		ZM_179_B1_B09_MR
79844	ZM_179_B1_B10		ZM_179_B1_B10_MR
79845	ZM_179_B1_B12		ZM_179_B1_B12_MR
79846	ZM_179_B1_C01		ZM_179_B1_C01_MR
79847	ZM_179_B1_C03		ZM_179_B1_C03_MR
79848	ZM_179_B1_C05		ZM_179_B1_C05_MR
79849	ZM_179_B1_C06		ZM_179_B1_C06_MR
79850	ZM_179_B1_C07		ZM_179_B1_C07_MR
79851	ZM_179_B1_C08		ZM_179_B1_C08_MR
79852	ZM_179_B1_C09		ZM_179_B1_C09_MR
79853	ZM_179_B1_C10		ZM_179_B1_C10_MR
79854	ZM_179_B1_D02		ZM_179_B1_D02_MR
79855	ZM_179_B1_D03		ZM_179_B1_D03_MR
79856	ZM_179_B1_D04		ZM_179_B1_D04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79857	ZM_179_B1_D06		ZM_179_B1_D06_MR
79858	ZM_179_B1_D07		ZM_179_B1_D07_MR
79859	ZM_179_B1_D08		ZM_179_B1_D08_MR
79860	ZM_179_B1_D10		ZM_179_B1_D10_MR
79861	ZM_179_B1_D12		ZM_179_B1_D12_MR
79862	ZM_179_B1_E01		ZM_179_B1_E01_MR
79863	ZM_179_B1_E02		ZM_179_B1_E02_MR
79864	ZM_179_B1_E05		ZM_179_B1_E05_MR
79865	ZM_179_B1_E06		ZM_179_B1_E06_MR
79866	ZM_179_B1_E07		ZM_179_B1_E07_MR
79867	ZM_179_B1_E08		ZM_179_B1_E08_MR
79868	ZM_179_B1_E09		ZM_179_B1_E09_MR
79869	ZM_179_B1_E10		ZM_179_B1_E10_MR
79870	ZM_179_B1_E12		ZM_179_B1_E12_MR
79871	ZM_179_B1_F03		ZM_179_B1_F03_MR
79872	ZM_179_B1_F04		ZM_179_B1_F04_MR
79873	ZM_179_B1_F05		ZM_179_B1_F05_MR
79874	ZM_179_B1_F07		ZM_179_B1_F07_MR
79875	ZM_179_B1_F08		ZM_179_B1_F08_MR
79876	ZM_179_B1_F09		ZM_179_B1_F09_MR
79877	ZM_179_B1_F10		ZM_179_B1_F10_MR
79878	ZM_179_B1_F11		ZM_179_B1_F11_MR
79879	ZM_179_B1_F12		ZM_179_B1_F12_MR
79880	ZM_179_B1_G01		ZM_179_B1_G01_MR
79881	ZM_179_B1_G02		ZM_179_B1_G02_MR
79882	ZM_179_B1_G03		ZM_179_B1_G03_MR
79883	ZM_179_B1_G04		ZM_179_B1_G04_MR
79884	ZM_179_B1_G10		ZM_179_B1_G10_MR
79885	ZM_179_B1_G12		ZM_179_B1_G12_MR
79886	ZM_179_B1_H01		ZM_179_B1_H01_MR
79887	ZM_179_B1_H02		ZM_179_B1_H02_MR
79888	ZM_179_B1_H03		ZM_179_B1_H03_MR
79889	ZM_179_B1_H04		ZM_179_B1_H04_MR
79890	ZM_179_B1_H06		ZM_179_B1_H06_MR
79891	ZM_179_B1_H07		ZM_179_B1_H07_MR
79892	ZM_179_B1_H08		ZM_179_B1_H08_MR
79893	ZM_179_B1_H10		ZM_179_B1_H10_MR
79894	ZM_179_B1_H11		ZM_179_B1_H11_MR
79895	ZM_179_B2_A04		ZM_179_B2_A04_MR
79896	ZM_179_B2_A07		ZM_179_B2_A07_MR
79897	ZM_179_B2_A08		ZM_179_B2_A08_MR
79898	ZM_179_B2_A09		ZM_179_B2_A09_MR
79899	ZM_179_B2_A10		ZM_179_B2_A10_MR
79900	ZM_179_B2_B02		ZM_179_B2_B02_MR
79901	ZM_179_B2_B03		ZM_179_B2_B03_MR
79902	ZM_179_B2_B04		ZM_179_B2_B04_MR
79903	ZM_179_B2_B05		ZM_179_B2_B05_MR
79904	ZM_179_B2_B06		ZM_179_B2_B06_MR
79905	ZM_179_B2_B07		ZM_179_B2_B07_MR
79906	ZM_179_B2_B08		ZM_179_B2_B08_MR
79907	ZM_179_B2_B09		ZM_179_B2_B09_MR
79908	ZM_179_B2_B10		ZM_179_B2_B10_MR
79909	ZM_179_B2_B11		ZM_179_B2_B11_MR
79910	ZM_179_B2_B12		ZM_179_B2_B12_MR
79911	ZM_179_B2_C04		ZM_179_B2_C04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79912	ZM_179_B2_C05		ZM_179_B2_C05_MR
79913	ZM_179_B2_C07		ZM_179_B2_C07_MR
79914	ZM_179_B2_C08		ZM_179_B2_C08_MR
79915	ZM_179_B2_C09		ZM_179_B2_C09_MR
79916	ZM_179_B2_C10		ZM_179_B2_C10_MR
79917	ZM_179_B2_D01		ZM_179_B2_D01_MR
79918	ZM_179_B2_D03		ZM_179_B2_D03_MR
79919	ZM_179_B2_D04		ZM_179_B2_D04_MR
79920	ZM_179_B2_D05		ZM_179_B2_D05_MR
79921	ZM_179_B2_D06		ZM_179_B2_D06_MR
	ZM_179_B2_D07		ZM_179_B2_D07_MR
79923	ZM_179_B2_D08		ZM_179_B2_D08_MR
79924	ZM_179_B2_D09		ZM_179_B2_D09_MR
79925	ZM_179_B2_D10		ZM_179_B2_D10_MR
79926	ZM_179_B2_D11		ZM_179_B2_D11_MR
79927	ZM_179_B2_D12		ZM_179_B2_D12_MR
79928	ZM_179_B2_E03		ZM_179_B2_E03_MR
79929	ZM_179_B2_E05		ZM_179_B2_E05_MR
79930	ZM_179_B2_E07		ZM_179_B2_E07_MR
79931	ZM_179_B2_E08		ZM_179_B2_E08_MR
79932	ZM_179_B2_E09		ZM_179_B2_E09_MR
79933	ZM_179_B2_E10		ZM_179_B2_E10_MR
79934	ZM_179_B2_E11		ZM_179_B2_E11_MR
79935	ZM_179_B2_F03		ZM_179_B2_F03_MR
79936	ZM_179_B2_F04		ZM_179_B2_F04_MR
79937	ZM_179_B2_F07		ZM_179_B2_F07_MR
79938	ZM_179_B2_F08		ZM_179_B2_F08_MR
79939	ZM_179_B2_F09		ZM_179_B2_F09_MR
79940	ZM_179_B2_F11		ZM_179_B2_F11_MR
79941	ZM_179_B2_F12		ZM_179_B2_F12_MR
79942	ZM_179_B2_G01		ZM_179_B2_G01_MR
79943	ZM_179_B2_G02		ZM_179_B2_G02_MR
79944	ZM_179_B2_G03		ZM_179_B2_G03_MR
79945	ZM_179_B2_G06		ZM_179_B2_G06_MR
79946	ZM_179_B2_G09		ZM_179_B2_G09_MR
79947	ZM_179_B2_G10		ZM_179_B2_G10_MR
79948	ZM_179_B2_G11		ZM_179_B2_G11_MR
79949	ZM_179_B2_G12		ZM_179_B2_G12_MR
79950	ZM_179_B2_H04		ZM_179_B2_H04_MR
79951	ZM_179_B2_H06		ZM_179_B2_H06_MR
79952	ZM_179_B2_H07		ZM_179_B2_H07_MR
79953	ZM_179_B2_H08		ZM_179_B2_H08_MR
79954	ZM_179_B2_H09		ZM_179_B2_H09_MR
79955	ZM_179_B2_H10		ZM_179_B2_H10_MR
79956	ZM_179_B2_H12		ZM_179_B2_H12_MR
79957	ZM_180_A1_A01		ZM_180_A1_A01_MR
79958	ZM_180_A1_A02		ZM_180_A1_A02_MR
79959	ZM_180_A1_A03		ZM_180_A1_A03_MR
79960	ZM_180_A1_A04		ZM_180_A1_A04_MR
79961	ZM_180_A1_A05		ZM_180_A1_A05_MR
79962	ZM_180_A1_A06		ZM_180_A1_A06_MR
79963	ZM_180_A1_A07		ZM_180_A1_A07_MR
79964	ZM_180_A1_A08		ZM_180_A1_A08_MR
79965	ZM_180_A1_A09		ZM_180_A1_A09_MR
79966	ZM_180_A1_A10		ZM_180_A1_A10_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
79967	ZM_180_A1_A11		ZM_180_A1_A11_MR
79968	ZM_180_A1_A12		ZM_180_A1_A12_MR
79969	ZM_180_A1_B01		ZM_180_A1_B01_MR
79970	ZM_180_A1_B02		ZM_180_A1_B02_MR
79971	ZM_180_A1_B03		ZM_180_A1_B03_MR
79972	ZM_180_A1_B04		ZM_180_A1_B04_MR
79973	ZM_180_A1_B05		ZM_180_A1_B05_MR
79974	ZM_180_A1_B06		ZM_180_A1_B06_MR
79975	ZM_180_A1_B07		ZM_180_A1_B07_MR
79976	ZM_180_A1_B08		ZM_180_A1_B08_MR
79977	ZM_180_A1_B09		ZM_180_A1_B09_MR
79978	ZM_180_A1_B10		ZM_180_A1_B10_MR
79979	ZM_180_A1_B11		ZM_180_A1_B11_MR
79980	ZM_180_A1_B12		ZM_180_A1_B12_MR
79981	ZM_180_A1_C01		ZM_180_A1_C01_MR
79982	ZM_180_A1_C02		ZM_180_A1_C02_MR
79983	ZM_180_A1_C04		ZM_180_A1_C04_MR
79984	ZM_180_A1_C05		ZM_180_A1_C05_MR
79985	ZM_180_A1_C06		ZM_180_A1_C06_MR
79986	ZM_180_A1_C07		ZM_180_A1_C07_MR
79987	ZM_180_A1_C08		ZM_180_A1_C08_MR
79988	ZM_180_A1_C09		ZM_180_A1_C09_MR
79989	ZM_180_A1_C10		ZM_180_A1_C10_MR
79990	ZM_180_A1_C11		ZM_180_A1_C11_MR
79991	ZM_180_A1_C12		ZM_180_A1_C12_MR
79992	ZM_180_A1_D01		ZM_180_A1_D01_MR
79993	ZM_180_A1_D02		ZM_180_A1_D02_MR
79994	ZM_180_A1_D03		ZM_180_A1_D03_MR
79995	ZM_180_A1_D04		ZM_180_A1_D04_MR
79996	ZM_180_A1_D05		ZM_180_A1_D05_MR
79997	ZM_180_A1_D06		ZM_180_A1_D06_MR
79998	ZM_180_A1_D07		ZM_180_A1_D07_MR
79999	ZM_180_A1_D08		ZM_180_A1_D08_MR
80000	ZM_180_A1_D09		ZM_180_A1_D09_MR
80001	ZM_180_A1_D10		ZM_180_A1_D10_MR
80002	ZM_180_A1_D11		ZM_180_A1_D11_MR
80003	ZM_180_A1_D12		ZM_180_A1_D12_MR
80004	ZM_180_A1_E01		ZM_180_A1_E01_MR
80005	ZM_180_A1_E02		ZM_180_A1_E02_MR
80006	ZM_180_A1_E03		ZM_180_A1_E03_MR
80007	ZM_180_A1_E04		ZM_180_A1_E04_MR
80008	ZM_180_A1_E05		ZM_180_A1_E05_MR
80009	ZM_180_A1_E06		ZM_180_A1_E06_MR
80010	ZM_180_A1_E07		ZM_180_A1_E07_MR
80011	ZM_180_A1_E08		ZM_180_A1_E08_MR
80012	ZM_180_A1_E09		ZM_180_A1_E09_MR
80013	ZM_180_A1_E10		ZM_180_A1_E10_MR
80014	ZM_180_A1_E11		ZM_180_A1_E11_MR
80015	ZM_180_A1_E12		ZM_180_A1_E12_MR
80016	ZM_180_A1_F01		ZM_180_A1_F01_MR
80017	ZM_180_A1_F02		ZM_180_A1_F02_MR
80018	ZM_180_A1_F03		ZM_180_A1_F03_MR
80019	ZM_180_A1_F04		ZM_180_A1_F04_MR
80020	ZM_180_A1_F05		ZM_180_A1_F05_MR
80021	ZM_180_A1_F06		ZM_180_A1_F06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80022	ZM_180_A1_F07		ZM_180_A1_F07_MR
80023	ZM_180_A1_F08		ZM_180_A1_F08_MR
80024	ZM_180_A1_F09		ZM_180_A1_F09_MR
80025	ZM_180_A1_F10		ZM_180_A1_F10_MR
80026	ZM_180_A1_F11		ZM_180_A1_F11_MR
80027	ZM_180_A1_F12		ZM_180_A1_F12_MR
80028	ZM_180_A1_G01		ZM_180_A1_G01_MR
80029	ZM_180_A1_G02		ZM_180_A1_G02_MR
80030	ZM_180_A1_G03		ZM_180_A1_G03_MR
80031	ZM_180_A1_G04		ZM_180_A1_G04_MR
80032	ZM_180_A1_G05		ZM_180_A1_G05_MR
80033	ZM_180_A1_G06		ZM_180_A1_G06_MR
80034	ZM_180_A1_G07		ZM_180_A1_G07_MR
80035	ZM_180_A1_G08		ZM_180_A1_G08_MR
80036	ZM_180_A1_G09		ZM_180_A1_G09_MR
80037	ZM_180_A1_G10		ZM_180_A1_G10_MR
80038	ZM_180_A1_G11		ZM_180_A1_G11_MR
80039	ZM_180_A1_G12		ZM_180_A1_G12_MR
80040	ZM_180_A1_H01		ZM_180_A1_H01_MR
80041	ZM_180_A1_H02		ZM_180_A1_H02_MR
80042	ZM_180_A1_H03		ZM_180_A1_H03_MR
80043	ZM_180_A1_H04		ZM_180_A1_H04_MR
80044	ZM_180_A1_H05		ZM_180_A1_H05_MR
80045	ZM_180_A1_H06		ZM_180_A1_H06_MR
80046	ZM_180_A1_H07		ZM_180_A1_H07_MR
80047	ZM_180_A1_H08		ZM_180_A1_H08_MR
80048	ZM_180_A1_H09		ZM_180_A1_H09_MR
80049	ZM_180_A1_H10		ZM_180_A1_H10_MR
80050	ZM_180_A1_H11		ZM_180_A1_H11_MR
80051	ZM_180_A1_H12		ZM_180_A1_H12_MR
80052	ZM_180_B1_A02		ZM_180_B1_A02_MR
80053	ZM_180_B1_A05		ZM_180_B1_A05_MR
80054	ZM_180_B1_A06		ZM_180_B1_A06_MR
80055	ZM_180_B1_A07		ZM_180_B1_A07_MR
80056	ZM_180_B1_A10		ZM_180_B1_A10_MR
80057	ZM_180_B1_B03		ZM_180_B1_B03_MR
80058	ZM_180_B1_B10		ZM_180_B1_B10_MR
80059	ZM_180_B1_B12		ZM_180_B1_B12_MR
80060	ZM_180_B1_C06		ZM_180_B1_C06_MR
80061	ZM_180_B1_D01		ZM_180_B1_D01_MR
80062	ZM_180_B1_D10		ZM_180_B1_D10_MR
80063	ZM_180_B1_D12		ZM_180_B1_D12_MR
80064	ZM_180_B1_E03		ZM_180_B1_E03_MR
80065	ZM_180_B1_E04		ZM_180_B1_E04_MR
80066	ZM_180_B1_E08		ZM_180_B1_E08_MR
80067	ZM_180_B1_E10		ZM_180_B1_E10_MR
80068	ZM_180_B1_E12		ZM_180_B1_E12_MR
80069	ZM_180_B1_F04		ZM_180_B1_F04_MR
80070	ZM_180_B1_F09		ZM_180_B1_F09_MR
80071	ZM_180_B1_G04		ZM_180_B1_G04_MR
80072	ZM_180_B1_G05		ZM_180_B1_G05_MR
80073	ZM_180_B1_G07		ZM_180_B1_G07_MR
80074	ZM_180_B1_G08		ZM_180_B1_G08_MR
80075	ZM_180_B1_G12		ZM_180_B1_G12_MR
80076	ZM_180_B1_H03		ZM_180_B1_H03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80077	ZM_180_B1_H04		ZM_180_B1_H04_MR
80078	ZM_180_B1_H07		ZM_180_B1_H07_MR
80079	ZM_180_B1_H09		ZM_180_B1_H09_MR
80080	ZM_180_B2_A01		ZM_180_B2_A01_MR
80081	ZM_180_B2_A03		ZM_180_B2_A03_MR
80082	ZM_180_B2_A05		ZM_180_B2_A05_MR
80083	ZM_180_B2_A06		ZM_180_B2_A06_MR
80084	ZM_180_B2_A07		ZM_180_B2_A07_MR
80085	ZM_180_B2_A08		ZM_180_B2_A08_MR
80086	ZM_180_B2_A09		ZM_180_B2_A09_MR
80087	ZM_180_B2_A10		ZM_180_B2_A10_MR
80088	ZM_180_B2_A11		ZM_180_B2_A11_MR
80089	ZM_180_B2_A12		ZM_180_B2_A12_MR
80090	ZM_180_B2_B01		ZM_180_B2_B01_MR
80091	ZM_180_B2_B03		ZM_180_B2_B03_MR
80092	ZM_180_B2_B04		ZM_180_B2_B04_MR
80093	ZM_180_B2_B05		ZM_180_B2_B05_MR
80094	ZM_180_B2_B08		ZM_180_B2_B08_MR
80095	ZM_180_B2_B09		ZM_180_B2_B09_MR
80096	ZM_180_B2_B10		ZM_180_B2_B10_MR
80097	ZM_180_B2_B11		ZM_180_B2_B11_MR
80098	ZM_180_B2_C02		ZM_180_B2_C02_MR
80099	ZM_180_B2_C04		ZM_180_B2_C04_MR
80100	ZM_180_B2_C07		ZM_180_B2_C07_MR
80101	ZM_180_B2_C08		ZM_180_B2_C08_MR
80102	ZM_180_B2_C09		ZM_180_B2_C09_MR
80103	ZM_180_B2_C10		ZM_180_B2_C10_MR
80104	ZM_180_B2_C12		ZM_180_B2_C12_MR
80105	ZM_180_B2_D03		ZM_180_B2_D03_MR
80106	ZM_180_B2_D04		ZM_180_B2_D04_MR
80107	ZM_180_B2_D05		ZM_180_B2_D05_MR
80108	ZM_180_B2_D09		ZM_180_B2_D09_MR
80109	ZM_180_B2_D10		ZM_180_B2_D10_MR
80110	ZM_180_B2_D12		ZM_180_B2_D12_MR
80111	ZM_180_B2_E01		ZM_180_B2_E01_MR
80112	ZM_180_B2_E03		ZM_180_B2_E03_MR
80113	ZM_180_B2_E04		ZM_180_B2_E04_MR
80114	ZM_180_B2_E05		ZM_180_B2_E05_MR
80115	ZM_180_B2_E08		ZM_180_B2_E08_MR
80116	ZM_180_B2_E09		ZM_180_B2_E09_MR
80117	ZM_180_B2_E10		ZM_180_B2_E10_MR
80118	ZM_180_B2_E12		ZM_180_B2_E12_MR
80119	ZM_180_B2_F01		ZM_180_B2_F01_MR
80120	ZM_180_B2_F02		ZM_180_B2_F02_MR
80121	ZM_180_B2_F03		ZM_180_B2_F03_MR
80122	ZM_180_B2_F05		ZM_180_B2_F05_MR
80123	ZM_180_B2_F08		ZM_180_B2_F08_MR
80124	ZM_180_B2_F09		ZM_180_B2_F09_MR
80125	ZM_180_B2_F12		ZM_180_B2_F12_MR
80126	ZM_180_B2_G03		ZM_180_B2_G03_MR
80127	ZM_180_B2_G04		ZM_180_B2_G04_MR
80128	ZM_180_B2_G06		ZM_180_B2_G06_MR
80129	ZM_180_B2_G07		ZM_180_B2_G07_MR
80130	ZM_180_B2_G08		ZM_180_B2_G08_MR
80131	ZM_180_B2_G11		ZM_180_B2_G11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80132	ZM_180_B2_G12		ZM_180_B2_G12_MR
80133	ZM_180_B2_H03		ZM_180_B2_H03_MR
80134	ZM_180_B2_H04		ZM_180_B2_H04_MR
80135	ZM_180_B2_H05		ZM_180_B2_H05_MR
80136	ZM_180_B2_H07		ZM_180_B2_H07_MR
80137	ZM_180_B2_H08		ZM_180_B2_H08_MR
80138	ZM_180_B2_H09		ZM_180_B2_H09_MR
80139	ZM_180_B2_H12		ZM_180_B2_H12_MR
80140	ZM_181_A2_A01		ZM_181_A2_A01_MR
80141	ZM_181_A2_A03		ZM_181_A2_A03_MR
80142	ZM_181_A2_A04		ZM_181_A2_A04_MR
80143	ZM_181_A2_A05		ZM_181_A2_A05_MR
80144	ZM_181_A2_A09		ZM_181_A2_A09_MR
80145	ZM_181_A2_A10		ZM_181_A2_A10_MR
80146	ZM_181_A2_B05		ZM_181_A2_B05_MR
80147	ZM_181_A2_B06		ZM_181_A2_B06_MR
80148	ZM_181_A2_B07		ZM_181_A2_B07_MR
80149	ZM_181_A2_B09		ZM_181_A2_B09_MR
80150	ZM_181_A2_B12		ZM_181_A2_B12_MR
80151	ZM_181_A2_C05		ZM_181_A2_C05_MR
80152	ZM_181_A2_C07		ZM_181_A2_C07_MR
80153	ZM_181_A2_C08		ZM_181_A2_C08_MR
80154	ZM_181_A2_C10		ZM_181_A2_C10_MR
80155	ZM_181_A2_C12		ZM_181_A2_C12_MR
80156	ZM_181_A2_D02		ZM_181_A2_D02_MR
80157	ZM_181_A2_D05		ZM_181_A2_D05_MR
80158	ZM_181_A2_D06		ZM_181_A2_D06_MR
80159	ZM_181_A2_D08		ZM_181_A2_D08_MR
80160	ZM_181_A2_D09		ZM_181_A2_D09_MR
80161	ZM_181_A2_D10		ZM_181_A2_D10_MR
80162	ZM_181_A2_D11		ZM_181_A2_D11_MR
80163	ZM_181_A2_E01		ZM_181_A2_E01_MR
80164	ZM_181_A2_E04		ZM_181_A2_E04_MR
80165	ZM_181_A2_E07		ZM_181_A2_E07_MR
80166	ZM_181_A2_E08		ZM_181_A2_E08_MR
80167	ZM_181_A2_E09		ZM_181_A2_E09_MR
80168	ZM_181_A2_E11		ZM_181_A2_E11_MR
80169	ZM_181_A2_E12		ZM_181_A2_E12_MR
80170	ZM_181_A2_F01		ZM_181_A2_F01_MR
80171	ZM_181_A2_F08		ZM_181_A2_F08_MR
80172	ZM_181_A2_F09		ZM_181_A2_F09_MR
80173	ZM_181_A2_F10		ZM_181_A2_F10_MR
80174	ZM_181_A2_F11		ZM_181_A2_F11_MR
80175	ZM_181_A2_F12		ZM_181_A2_F12_MR
80176	ZM_181_A2_G01		ZM_181_A2_G01_MR
80177	ZM_181_A2_G03		ZM_181_A2_G03_MR
80178	ZM_181_A2_G04		ZM_181_A2_G04_MR
80179	ZM_181_A2_G07		ZM_181_A2_G07_MR
80180	ZM_181_A2_G08		ZM_181_A2_G08_MR
80181	ZM_181_A2_G09		ZM_181_A2_G09_MR
80182	ZM_181_A2_G10		ZM_181_A2_G10_MR
80183	ZM_181_A2_G12		ZM_181_A2_G12_MR
80184	ZM_181_A2_H01		ZM_181_A2_H01_MR
80185	ZM_181_A2_H03		ZM_181_A2_H03_MR
80186	ZM_181_A2_H04		ZM_181_A2_H04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80187	ZM_181_A2_H06		ZM_181_A2_H06_MR
80188	ZM_181_A2_H08		ZM_181_A2_H08_MR
80189	ZM_181_A2_H09		ZM_181_A2_H09_MR
80190	ZM_181_A2_H12		ZM_181_A2_H12_MR
80191	ZM_181_B1_A02		ZM_181_B1_A02_MR
80192	ZM_181_B1_A03		ZM_181_B1_A03_MR
80193	ZM_181_B1_A04		ZM_181_B1_A04_MR
80194	ZM_181_B1_A05		ZM_181_B1_A05_MR
80195	ZM_181_B1_A06		ZM_181_B1_A06_MR
80196	ZM_181_B1_A07		ZM_181_B1_A07_MR
80197	ZM_181_B1_A08		ZM_181_B1_A08_MR
80198	ZM_181_B1_A09		ZM_181_B1_A09_MR
80199	ZM_181_B1_A10		ZM_181_B1_A10_MR
80200	ZM_181_B1_A11		ZM_181_B1_A11_MR
80201	ZM_181_B1_A12		ZM_181_B1_A12_MR
80202	ZM_181_B1_B01		ZM_181_B1_B01_MR
80203	ZM_181_B1_B02		ZM_181_B1_B02_MR
80204	ZM_181_B1_B04		ZM_181_B1_B04_MR
80205	ZM_181_B1_B05		ZM_181_B1_B05_MR
80206	ZM_181_B1_B06		ZM_181_B1_B06_MR
80207	ZM_181_B1_B07		ZM_181_B1_B07_MR
80208	ZM_181_B1_B08		ZM_181_B1_B08_MR
80209	ZM_181_B1_B09		ZM_181_B1_B09_MR
80210	ZM_181_B1_B10		ZM_181_B1_B10_MR
80211	ZM_181_B1_B11		ZM_181_B1_B11_MR
80212	ZM_181_B1_B12		ZM_181_B1_B12_MR
80213	ZM_181_B1_C01		ZM_181_B1_C01_MR
80214	ZM_181_B1_C02		ZM_181_B1_C02_MR
80215	ZM_181_B1_C03		ZM_181_B1_C03_MR
80216	ZM_181_B1_C05		ZM_181_B1_C05_MR
80217	ZM_181_B1_C06		ZM_181_B1_C06_MR
80218	ZM_181_B1_C07		ZM_181_B1_C07_MR
80219	ZM_181_B1_C08		ZM_181_B1_C08_MR
80220	ZM_181_B1_C09		ZM_181_B1_C09_MR
80221	ZM_181_B1_C10		ZM_181_B1_C10_MR
80222	ZM_181_B1_C11		ZM_181_B1_C11_MR
80223	ZM_181_B1_C12		ZM_181_B1_C12_MR
80224	ZM_181_B1_D01		ZM_181_B1_D01_MR
80225	ZM_181_B1_D02		ZM_181_B1_D02_MR
80226	ZM_181_B1_D03		ZM_181_B1_D03_MR
80227	ZM_181_B1_D04		ZM_181_B1_D04_MR
80228	ZM_181_B1_D05		ZM_181_B1_D05_MR
80229	ZM_181_B1_D06		ZM_181_B1_D06_MR
80230	ZM_181_B1_D07		ZM_181_B1_D07_MR
80231	ZM_181_B1_D08		ZM_181_B1_D08_MR
80232	ZM_181_B1_D09		ZM_181_B1_D09_MR
80233	ZM_181_B1_D10		ZM_181_B1_D10_MR
80234	ZM_181_B1_D11		ZM_181_B1_D11_MR
80235	ZM_181_B1_D12		ZM_181_B1_D12_MR
80236	ZM_181_B1_E01		ZM_181_B1_E01_MR
80237	ZM_181_B1_E02		ZM_181_B1_E02_MR
80238	ZM_181_B1_E03		ZM_181_B1_E03_MR
80239	ZM_181_B1_E04		ZM_181_B1_E04_MR
80240	ZM_181_B1_E05		ZM_181_B1_E05_MR
80241	ZM_181_B1_E06		ZM_181_B1_E06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80242	ZM_181_B1_E07		ZM_181_B1_E07_MR
80243	ZM_181_B1_E08		ZM_181_B1_E08_MR
80244	ZM_181_B1_E09		ZM_181_B1_E09_MR
80245	ZM_181_B1_E10		ZM_181_B1_E10_MR
80246	ZM_181_B1_E11		ZM_181_B1_E11_MR
80247	ZM_181_B1_E12		ZM_181_B1_E12_MR
80248	ZM_181_B1_F01		ZM_181_B1_F01_MR
80249	ZM_181_B1_F02		ZM_181_B1_F02_MR
80250	ZM_181_B1_F03		ZM_181_B1_F03_MR
80251	ZM_181_B1_F04		ZM_181_B1_F04_MR
80252	ZM_181_B1_F05		ZM_181_B1_F05_MR
80253	ZM_181_B1_F06		ZM_181_B1_F06_MR
80254	ZM_181_B1_F07		ZM_181_B1_F07_MR
80255	ZM_181_B1_F08		ZM_181_B1_F08_MR
80256	ZM_181_B1_F09		ZM_181_B1_F09_MR
80257	ZM_181_B1_F10		ZM_181_B1_F10_MR
80258	ZM_181_B1_F12		ZM_181_B1_F12_MR
80259	ZM_181_B1_G02		ZM_181_B1_G02_MR
80260	ZM_181_B1_G03		ZM_181_B1_G03_MR
80261	ZM_181_B1_G04		ZM_181_B1_G04_MR
80262	ZM_181_B1_G05		ZM_181_B1_G05_MR
80263	ZM_181_B1_G06		ZM_181_B1_G06_MR
80264	ZM_181_B1_G08		ZM_181_B1_G08_MR
80265	ZM_181_B1_G09		ZM_181_B1_G09_MR
80266	ZM_181_B1_G10		ZM_181_B1_G10_MR
80267	ZM_181_B1_G11		ZM_181_B1_G11_MR
80268	ZM_181_B1_G12		ZM_181_B1_G12_MR
80269	ZM_181_B1_H01		ZM_181_B1_H01_MR
80270	ZM_181_B1_H02		ZM_181_B1_H02_MR
80271	ZM_181_B1_H03		ZM_181_B1_H03_MR
80272	ZM_181_B1_H04		ZM_181_B1_H04_MR
80273	ZM_181_B1_H05		ZM_181_B1_H05_MR
80274	ZM_181_B1_H06		ZM_181_B1_H06_MR
80275	ZM_181_B1_H07		ZM_181_B1_H07_MR
80276	ZM_181_B1_H08		ZM_181_B1_H08_MR
80277	ZM_181_B1_H09		ZM_181_B1_H09_MR
80278	ZM_181_B1_H10		ZM_181_B1_H10_MR
80279	ZM_181_B1_H11		ZM_181_B1_H11_MR
80280	ZM_181_B1_H12		ZM_181_B1_H12_MR
80281	ZM_181_B2_A03		ZM_181_B2_A03_MR
80282	ZM_181_B2_A08		ZM_181_B2_A08_MR
80283	ZM_181_B2_A09		ZM_181_B2_A09_MR
80284	ZM_181_B2_A10		ZM_181_B2_A10_MR
80285	ZM_181_B2_A12		ZM_181_B2_A12_MR
80286	ZM_181_B2_B02		ZM_181_B2_B02_MR
80287	ZM_181_B2_B03		ZM_181_B2_B03_MR
80288	ZM_181_B2_B04		ZM_181_B2_B04_MR
80289	ZM_181_B2_B05		ZM_181_B2_B05_MR
80290	ZM_181_B2_B07		ZM_181_B2_B07_MR
80291	ZM_181_B2_B08		ZM_181_B2_B08_MR
80292	ZM_181_B2_B09		ZM_181_B2_B09_MR
80293	ZM_181_B2_B11		ZM_181_B2_B11_MR
80294	ZM_181_B2_B12		ZM_181_B2_B12_MR
80295	ZM_181_B2_C01		ZM_181_B2_C01_MR
80296	ZM_181_B2_C02		ZM_181_B2_C02_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80297	ZM_181_B2_C03		ZM_181_B2_C03_MR
80298	ZM_181_B2_C04		ZM_181_B2_C04_MR
80299	ZM_181_B2_C05		ZM_181_B2_C05_MR
80300	ZM_181_B2_C06		ZM_181_B2_C06_MR
80301	ZM_181_B2_C07		ZM_181_B2_C07_MR
80302	ZM_181_B2_C09		ZM_181_B2_C09_MR
80303	ZM_181_B2_C10		ZM_181_B2_C10_MR
80304	ZM_181_B2_C11		ZM_181_B2_C11_MR
80305	ZM_181_B2_C12		ZM_181_B2_C12_MR
80306	ZM_181_B2_D01		ZM_181_B2_D01_MR
80307	ZM_181_B2_D02		ZM_181_B2_D02_MR
80308	ZM_181_B2_D03		ZM_181_B2_D03_MR
80309	ZM_181_B2_D04		ZM_181_B2_D04_MR
80310	ZM_181_B2_D05		ZM_181_B2_D05_MR
80311	ZM_181_B2_D06		ZM_181_B2_D06_MR
80312	ZM_181_B2_D07		ZM_181_B2_D07_MR
80313	ZM_181_B2_D08		ZM_181_B2_D08_MR
80314	ZM_181_B2_D09		ZM_181_B2_D09_MR
80315	ZM_181_B2_D10		ZM_181_B2_D10_MR
80316	ZM_181_B2_D12		ZM_181_B2_D12_MR
80317	ZM_181_B2_E01		ZM_181_B2_E01_MR
80318	ZM_181_B2_E02		ZM_181_B2_E02_MR
80319	ZM_181_B2_E03		ZM_181_B2_E03_MR
80320	ZM_181_B2_E05		ZM_181_B2_E05_MR
80321	ZM_181_B2_E06		ZM_181_B2_E06_MR
80322	ZM_181_B2_E07		ZM_181_B2_E07_MR
80323	ZM_181_B2_E08		ZM_181_B2_E08_MR
80324	ZM_181_B2_E09		ZM_181_B2_E09_MR
80325	ZM_181_B2_E11		ZM_181_B2_E11_MR
80326	ZM_181_B2_E12		ZM_181_B2_E12_MR
80327	ZM_181_B2_F01		ZM_181_B2_F01_MR
80328	ZM_181_B2_F02		ZM_181_B2_F02_MR
80329	ZM_181_B2_F03		ZM_181_B2_F03_MR
80330	ZM_181_B2_F04		ZM_181_B2_F04_MR
80331	ZM_181_B2_F05		ZM_181_B2_F05_MR
80332	ZM_181_B2_F06		ZM_181_B2_F06_MR
80333	ZM_181_B2_F07		ZM_181_B2_F07_MR
80334	ZM_181_B2_F08		ZM_181_B2_F08_MR
80335	ZM_181_B2_F11		ZM_181_B2_F11_MR
80336	ZM_181_B2_G01		ZM_181_B2_G01_MR
80337	ZM_181_B2_G02		ZM_181_B2_G02_MR
80338	ZM_181_B2_G03		ZM_181_B2_G03_MR
80339	ZM_181_B2_G04		ZM_181_B2_G04_MR
80340	ZM_181_B2_G05		ZM_181_B2_G05_MR
80341	ZM_181_B2_G06		ZM_181_B2_G06_MR
80342	ZM_181_B2_G07		ZM_181_B2_G07_MR
80343	ZM_181_B2_G09		ZM_181_B2_G09_MR
80344	ZM_181_B2_G10		ZM_181_B2_G10_MR
80345	ZM_181_B2_G11		ZM_181_B2_G11_MR
80346	ZM_181_B2_G12		ZM_181_B2_G12_MR
80347	ZM_181_B2_H01		ZM_181_B2_H01_MR
80348	ZM_181_B2_H02		ZM_181_B2_H02_MR
80349	ZM_181_B2_H03		ZM_181_B2_H03_MR
80350	ZM_181_B2_H05		ZM_181_B2_H05_MR
80351	ZM_181_B2_H06		ZM_181_B2_H06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80352	ZM_181_B2_H07		ZM_181_B2_H07_MR
80353	ZM_181_B2_H09		ZM_181_B2_H09_MR
80354	ZM_182_A2_A01		ZM_182_A2_A01_MR
80355	ZM_182_A2_A02		ZM_182_A2_A02_MR
80356	ZM_182_A2_A04		ZM_182_A2_A04_MR
80357	ZM_182_A2_A05		ZM_182_A2_A05_MR
80358	ZM_182_A2_A08		ZM_182_A2_A08_MR
80359	ZM_182_A2_A09		ZM_182_A2_A09_MR
80360	ZM_182_A2_A10		ZM_182_A2_A10_MR
80361	ZM_182_A2_A11		ZM_182_A2_A11_MR
80362	ZM_182_A2_A12		ZM_182_A2_A12_MR
80363	ZM_182_A2_B01		ZM_182_A2_B01_MR
80364	ZM_182_A2_B02		ZM_182_A2_B02_MR
80365	ZM_182_A2_B04		ZM_182_A2_B04_MR
80366	ZM_182_A2_B07		ZM_182_A2_B07_MR
80367	ZM_182_A2_B09		ZM_182_A2_B09_MR
80368	ZM_182_A2_B11		ZM_182_A2_B11_MR
80369	ZM_182_A2_B12		ZM_182_A2_B12_MR
80370	ZM_182_A2_C02		ZM_182_A2_C02_MR
80371	ZM_182_A2_C04		ZM_182_A2_C04_MR
80372	ZM_182_A2_C07		ZM_182_A2_C07_MR
80373	ZM_182_A2_C08		ZM_182_A2_C08_MR
80374	ZM_182_A2_C10		ZM_182_A2_C10_MR
80375	ZM_182_A2_C11		ZM_182_A2_C11_MR
80376	ZM_182_A2_D01		ZM_182_A2_D01_MR
80377	ZM_182_A2_D04		ZM_182_A2_D04_MR
80378	ZM_182_A2_D06		ZM_182_A2_D06_MR
80379	ZM_182_A2_D09		ZM_182_A2_D09_MR
80380	ZM_182_A2_D12		ZM_182_A2_D12_MR
80381	ZM_182_A2_E03		ZM_182_A2_E03_MR
80382	ZM_182_A2_E04		ZM_182_A2_E04_MR
80383	ZM_182_A2_E06		ZM_182_A2_E06_MR
80384	ZM_182_A2_E08		ZM_182_A2_E08_MR
80385	ZM_182_A2_E10		ZM_182_A2_E10_MR
80386	ZM_182_A2_E12		ZM_182_A2_E12_MR
80387	ZM_182_A2_F01		ZM_182_A2_F01_MR
80388	ZM_182_A2_F02		ZM_182_A2_F02_MR
80389	ZM_182_A2_F03		ZM_182_A2_F03_MR
80390	ZM_182_A2_F09		ZM_182_A2_F09_MR
80391	ZM_182_A2_F10		ZM_182_A2_F10_MR
80392	ZM_182_A2_G01		ZM_182_A2_G01_MR
80393	ZM_182_A2_G02		ZM_182_A2_G02_MR
80394	ZM_182_A2_G06		ZM_182_A2_G06_MR
80395	ZM_182_A2_G08		ZM_182_A2_G08_MR
80396	ZM_182_A2_G11		ZM_182_A2_G11_MR
80397	ZM_182_A2_H01		ZM_182_A2_H01_MR
80398	ZM_182_A2_H02		ZM_182_A2_H02_MR
80399	ZM_182_A2_H06		ZM_182_A2_H06_MR
80400	ZM_182_A2_H07		ZM_182_A2_H07_MR
80401	ZM_182_A2_H09		ZM_182_A2_H09_MR
80402	ZM_182_B1_A01		ZM_182_B1_A01_MR
80403	ZM_182_B1_A07		ZM_182_B1_A07_MR
80404	ZM_182_B1_B09		ZM_182_B1_B09_MR
80405	ZM_182_B1_B11		ZM_182_B1_B11_MR
80406	ZM_182_B1_C08		ZM_182_B1_C08_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80407	ZM_182_B1_C12		ZM_182_B1_C12_MR
80408	ZM_182_B1_D01		ZM_182_B1_D01_MR
80409	ZM_182_B1_D03		ZM_182_B1_D03_MR
80410	ZM_182_B1_D05		ZM_182_B1_D05_MR
80411	ZM_182_B1_D08		ZM_182_B1_D08_MR
80412	ZM_182_B1_D09		ZM_182_B1_D09_MR
80413	ZM_182_B1_D12		ZM_182_B1_D12_MR
80414	ZM_182_B1_E05		ZM_182_B1_E05_MR
80415	ZM_182_B1_E06		ZM_182_B1_E06_MR
80416	ZM_182_B1_E10		ZM_182_B1_E10_MR
80417	ZM_182_B1_E11		ZM_182_B1_E11_MR
80418	ZM_182_B1_E12		ZM_182_B1_E12_MR
80419	ZM_182_B1_F03		ZM_182_B1_F03_MR
80420	ZM_182_B1_F08		ZM_182_B1_F08_MR
80421	ZM_182_B1_F09		ZM_182_B1_F09_MR
80422	ZM_182_B1_F11		ZM_182_B1_F11_MR
80423	ZM_182_B1_F12		ZM_182_B1_F12_MR
80424	ZM_182_B1_G05		ZM_182_B1_G05_MR
80425	ZM_182_B1_H02		ZM_182_B1_H02_MR
80426	ZM_182_B1_H08		ZM_182_B1_H08_MR
80427	ZM_182_B1_H09		ZM_182_B1_H09_MR
80428	ZM_182_B1_H11		ZM_182_B1_H11_MR
80429	ZM_182_B2_A02		ZM_182_B2_A02_MR
80430	ZM_182_B2_A03		ZM_182_B2_A03_MR
80431	ZM_182_B2_A04		ZM_182_B2_A04_MR
80432	ZM_182_B2_A05		ZM_182_B2_A05_MR
80433	ZM_182_B2_A07		ZM_182_B2_A07_MR
80434	ZM_182_B2_A08		ZM_182_B2_A08_MR
80435	ZM_182_B2_A09		ZM_182_B2_A09_MR
80436	ZM_182_B2_A10		ZM_182_B2_A10_MR
80437	ZM_182_B2_A11		ZM_182_B2_A11_MR
80438	ZM_182_B2_A12		ZM_182_B2_A12_MR
80439	ZM_182_B2_B01		ZM_182_B2_B01_MR
80440	ZM_182_B2_B02		ZM_182_B2_B02_MR
80441	ZM_182_B2_B03		ZM_182_B2_B03_MR
80442	ZM_182_B2_B04		ZM_182_B2_B04_MR
80443	ZM_182_B2_B05		ZM_182_B2_B05_MR
80444	ZM_182_B2_B06		ZM_182_B2_B06_MR
80445	ZM_182_B2_B07		ZM_182_B2_B07_MR
80446	ZM_182_B2_B08		ZM_182_B2_B08_MR
80447	ZM_182_B2_B09		ZM_182_B2_B09_MR
80448	ZM_182_B2_B10		ZM_182_B2_B10_MR
80449	ZM_182_B2_B11		ZM_182_B2_B11_MR
80450	ZM_182_B2_B12		ZM_182_B2_B12_MR
80451	ZM_182_B2_C01		ZM_182_B2_C01_MR
80452	ZM_182_B2_C02		ZM_182_B2_C02_MR
80453	ZM_182_B2_C03		ZM_182_B2_C03_MR
80454	ZM_182_B2_C04		ZM_182_B2_C04_MR
80455	ZM_182_B2_C05		ZM_182_B2_C05_MR
80456	ZM_182_B2_C06		ZM_182_B2_C06_MR
80457	ZM_182_B2_C07		ZM_182_B2_C07_MR
80458	ZM_182_B2_C08		ZM_182_B2_C08_MR
80459	ZM_182_B2_C09		ZM_182_B2_C09_MR
80460	ZM_182_B2_C10		ZM_182_B2_C10_MR
80461	ZM_182_B2_C12		ZM_182_B2_C12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80462	ZM_182_B2_D01		ZM_182_B2_D01_MR
80463	ZM_182_B2_D02		ZM_182_B2_D02_MR
80464	ZM_182_B2_D03		ZM_182_B2_D03_MR
80465	ZM_182_B2_D04		ZM_182_B2_D04_MR
80466	ZM_182_B2_D05		ZM_182_B2_D05_MR
80467	ZM_182_B2_D06		ZM_182_B2_D06_MR
80468	ZM_182_B2_D07		ZM_182_B2_D07_MR
80469	ZM_182_B2_D08		ZM_182_B2_D08_MR
80470	ZM_182_B2_D09		ZM_182_B2_D09_MR
80471	ZM_182_B2_D11		ZM_182_B2_D11_MR
80472	ZM_182_B2_D12		ZM_182_B2_D12_MR
80473	ZM_182_B2_E01		ZM_182_B2_E01_MR
80474	ZM_182_B2_E02		ZM_182_B2_E02_MR
80475	ZM_182_B2_E03		ZM_182_B2_E03_MR
80476	ZM_182_B2_E04		ZM_182_B2_E04_MR
80477	ZM_182_B2_E05		ZM_182_B2_E05_MR
80478	ZM_182_B2_E06		ZM_182_B2_E06_MR
80479	ZM_182_B2_E07		ZM_182_B2_E07_MR
80480	ZM_182_B2_E08		ZM_182_B2_E08_MR
80481	ZM_182_B2_E09		ZM_182_B2_E09_MR
80482	ZM_182_B2_E10		ZM_182_B2_E10_MR
80483	ZM_182_B2_E11		ZM_182_B2_E11_MR
80484	ZM_182_B2_E12		ZM_182_B2_E12_MR
80485	ZM_182_B2_F01		ZM_182_B2_F01_MR
80486	ZM_182_B2_F02		ZM_182_B2_F02_MR
80487	ZM_182_B2_F03		ZM_182_B2_F03_MR
80488	ZM_182_B2_F05		ZM_182_B2_F05_MR
80489	ZM_182_B2_F06		ZM_182_B2_F06_MR
80490	ZM_182_B2_F08		ZM_182_B2_F08_MR
80491	ZM_182_B2_F10		ZM_182_B2_F10_MR
80492	ZM_182_B2_F11		ZM_182_B2_F11_MR
80493	ZM_182_B2_F12		ZM_182_B2_F12_MR
80494	ZM_182_B2_G01		ZM_182_B2_G01_MR
80495	ZM_182_B2_G02		ZM_182_B2_G02_MR
80496	ZM_182_B2_G03		ZM_182_B2_G03_MR
80497	ZM_182_B2_G04		ZM_182_B2_G04_MR
80498	ZM_182_B2_G05		ZM_182_B2_G05_MR
80499	ZM_182_B2_G06		ZM_182_B2_G06_MR
80500	ZM_182_B2_G07		ZM_182_B2_G07_MR
80501	ZM_182_B2_G08		ZM_182_B2_G08_MR
80502	ZM_182_B2_G09		ZM_182_B2_G09_MR
80503	ZM_182_B2_G10		ZM_182_B2_G10_MR
80504	ZM_182_B2_G11		ZM_182_B2_G11_MR
80505	ZM_182_B2_G12		ZM_182_B2_G12_MR
80506	ZM_182_B2_H01		ZM_182_B2_H01_MR
80507	ZM_182_B2_H02		ZM_182_B2_H02_MR
80508	ZM_182_B2_H03		ZM_182_B2_H03_MR
80509	ZM_182_B2_H04		ZM_182_B2_H04_MR
80510	ZM_182_B2_H05		ZM_182_B2_H05_MR
80511	ZM_182_B2_H07		ZM_182_B2_H07_MR
80512	ZM_182_B2_H08		ZM_182_B2_H08_MR
80513	ZM_182_B2_H10		ZM_182_B2_H10_MR
80514	ZM_182_B2_H11		ZM_182_B2_H11_MR
80515	ZM_182_B2_H12		ZM_182_B2_H12_MR
80516	ZM_183_A1_A01		ZM_183_A1_A01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80517	ZM_183_A1_A02		ZM_183_A1_A02_MR
80518	ZM_183_A1_A03		ZM_183_A1_A03_MR
80519	ZM_183_A1_A04		ZM_183_A1_A04_MR
80520	ZM_183_A1_A05		ZM_183_A1_A05_MR
80521	ZM_183_A1_A06		ZM_183_A1_A06_MR
80522	ZM_183_A1_A07		ZM_183_A1_A07_MR
80523	ZM_183_A1_A08		ZM_183_A1_A08_MR
80524	ZM_183_A1_A09		ZM_183_A1_A09_MR
80525	ZM_183_A1_A10		ZM_183_A1_A10_MR
80526	ZM_183_A1_A11		ZM_183_A1_A11_MR
80527	ZM_183_A1_A12		ZM_183_A1_A12_MR
80528	ZM_183_A1_B01		ZM_183_A1_B01_MR
80529	ZM_183_A1_B02		ZM_183_A1_B02_MR
80530	ZM_183_A1_B04		ZM_183_A1_B04_MR
80531	ZM_183_A1_B05		ZM_183_A1_B05_MR
80532	ZM_183_A1_B06		ZM_183_A1_B06_MR
80533	ZM_183_A1_B07		ZM_183_A1_B07_MR
80534	ZM_183_A1_B08		ZM_183_A1_B08_MR
80535	ZM_183_A1_B09		ZM_183_A1_B09_MR
80536	ZM_183_A1_B10		ZM_183_A1_B10_MR
80537	ZM_183_A1_B11		ZM_183_A1_B11_MR
80538	ZM_183_A1_B12		ZM_183_A1_B12_MR
80539	ZM_183_A1_C01		ZM_183_A1_C01_MR
80540	ZM_183_A1_C03		ZM_183_A1_C03_MR
80541	ZM_183_A1_C04		ZM_183_A1_C04_MR
80542	ZM_183_A1_C05		ZM_183_A1_C05_MR
80543	ZM_183_A1_C06		ZM_183_A1_C06_MR
80544	ZM_183_A1_C07		ZM_183_A1_C07_MR
80545	ZM_183_A1_C08		ZM_183_A1_C08_MR
80546	ZM_183_A1_C09		ZM_183_A1_C09_MR
80547	ZM_183_A1_C10		ZM_183_A1_C10_MR
80548	ZM_183_A1_C11		ZM_183_A1_C11_MR
80549	ZM_183_A1_C12		ZM_183_A1_C12_MR
80550	ZM_183_A1_D01		ZM_183_A1_D01_MR
80551	ZM_183_A1_D02		ZM_183_A1_D02_MR
80552	ZM_183_A1_D03		ZM_183_A1_D03_MR
80553	ZM_183_A1_D04		ZM_183_A1_D04_MR
80554	ZM_183_A1_D05		ZM_183_A1_D05_MR
80555	ZM_183_A1_D06		ZM_183_A1_D06_MR
80556	ZM_183_A1_D07		ZM_183_A1_D07_MR
80557	ZM_183_A1_D08		ZM_183_A1_D08_MR
80558	ZM_183_A1_D09		ZM_183_A1_D09_MR
80559	ZM_183_A1_D10		ZM_183_A1_D10_MR
80560	ZM_183_A1_D11		ZM_183_A1_D11_MR
80561	ZM_183_A1_D12		ZM_183_A1_D12_MR
80562	ZM_183_A1_E01		ZM_183_A1_E01_MR
80563	ZM_183_A1_E02		ZM_183_A1_E02_MR
80564	ZM_183_A1_E03		ZM_183_A1_E03_MR
80565	ZM_183_A1_E04		ZM_183_A1_E04_MR
80566	ZM_183_A1_E05		ZM_183_A1_E05_MR
80567	ZM_183_A1_E06		ZM_183_A1_E06_MR
80568	ZM_183_A1_E07		ZM_183_A1_E07_MR
80569	ZM_183_A1_E08		ZM_183_A1_E08_MR
80570	ZM_183_A1_E09		ZM_183_A1_E09_MR
80571	ZM_183_A1_E10		ZM_183_A1_E10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80572	ZM_183_A1_E11		ZM_183_A1_E11_MR
80573	ZM_183_A1_F01		ZM_183_A1_F01_MR
80574	ZM_183_A1_F02		ZM_183_A1_F02_MR
80575	ZM_183_A1_F03		ZM_183_A1_F03_MR
80576	ZM_183_A1_F05		ZM_183_A1_F05_MR
80577	ZM_183_A1_F06		ZM_183_A1_F06_MR
80578	ZM_183_A1_F07		ZM_183_A1_F07_MR
80579	ZM_183_A1_F08		ZM_183_A1_F08_MR
80580	ZM_183_A1_F09		ZM_183_A1_F09_MR
80581	ZM_183_A1_F10		ZM_183_A1_F10_MR
80582	ZM_183_A1_F11		ZM_183_A1_F11_MR
80583	ZM_183_A1_F12		ZM_183_A1_F12_MR
80584	ZM_183_A1_G01		ZM_183_A1_G01_MR
80585	ZM_183_A1_G02		ZM_183_A1_G02_MR
80586	ZM_183_A1_G03		ZM_183_A1_G03_MR
80587	ZM_183_A1_G04		ZM_183_A1_G04_MR
80588	ZM_183_A1_G05		ZM_183_A1_G05_MR
80589	ZM_183_A1_G06		ZM_183_A1_G06_MR
80590	ZM_183_A1_G07		ZM_183_A1_G07_MR
80591	ZM_183_A1_G08		ZM_183_A1_G08_MR
80592	ZM_183_A1_G11		ZM_183_A1_G11_MR
80593	ZM_183_A1_G12		ZM_183_A1_G12_MR
80594	ZM_183_A1_H01		ZM_183_A1_H01_MR
80595	ZM_183_A1_H02		ZM_183_A1_H02_MR
80596	ZM_183_A1_H03		ZM_183_A1_H03_MR
80597	ZM_183_A1_H04		ZM_183_A1_H04_MR
80598	ZM_183_A1_H05		ZM_183_A1_H05_MR
80599	ZM_183_A1_H06		ZM_183_A1_H06_MR
80600	ZM_183_A1_H08		ZM_183_A1_H08_MR
80601	ZM_183_A1_H10		ZM_183_A1_H10_MR
80602	ZM_183_A1_H11		ZM_183_A1_H11_MR
80603	ZM_183_A1_H12		ZM_183_A1_H12_MR
80604	ZM_183_B1_A01		ZM_183_B1_A01_MR
80605	ZM_183_B1_A02		ZM_183_B1_A02_MR
80606	ZM_183_B1_A03		ZM_183_B1_A03_MR
80607	ZM_183_B1_A04		ZM_183_B1_A04_MR
80608	ZM_183_B1_A05		ZM_183_B1_A05_MR
80609	ZM_183_B1_A06		ZM_183_B1_A06_MR
80610	ZM_183_B1_A08		ZM_183_B1_A08_MR
80611	ZM_183_B1_A09		ZM_183_B1_A09_MR
80612	ZM_183_B1_A10		ZM_183_B1_A10_MR
80613	ZM_183_B1_A11		ZM_183_B1_A11_MR
80614	ZM_183_B1_A12		ZM_183_B1_A12_MR
80615	ZM_183_B1_B01		ZM_183_B1_B01_MR
80616	ZM_183_B1_B02		ZM_183_B1_B02_MR
80617	ZM_183_B1_B03		ZM_183_B1_B03_MR
80618	ZM_183_B1_B04		ZM_183_B1_B04_MR
80619	ZM_183_B1_B06		ZM_183_B1_B06_MR
80620	ZM_183_B1_B07		ZM_183_B1_B07_MR
80621	ZM_183_B1_B08		ZM_183_B1_B08_MR
80622	ZM_183_B1_B09		ZM_183_B1_B09_MR
80623	ZM_183_B1_B10		ZM_183_B1_B10_MR
80624	ZM_183_B1_B11		ZM_183_B1_B11_MR
80625	ZM_183_B1_B12		ZM_183_B1_B12_MR
80626	ZM_183_B1_C01		ZM_183_B1_C01_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80627	ZM_183_B1_C02		ZM_183_B1_C02_MR
80628	ZM_183_B1_C03		ZM_183_B1_C03_MR
80629	ZM_183_B1_C04		ZM_183_B1_C04_MR
80630	ZM_183_B1_C05		ZM_183_B1_C05_MR
80631	ZM_183_B1_C06		ZM_183_B1_C06_MR
80632	ZM_183_B1_C07		ZM_183_B1_C07_MR
80633	ZM_183_B1_C08		ZM_183_B1_C08_MR
80634	ZM_183_B1_C09		ZM_183_B1_C09_MR
80635	ZM_183_B1_C10		ZM_183_B1_C10_MR
80636	ZM_183_B1_C11		ZM_183_B1_C11_MR
80637	ZM_183_B1_C12		ZM_183_B1_C12_MR
80638	ZM_183_B1_D03		ZM_183_B1_D03_MR
80639	ZM_183_B1_D04		ZM_183_B1_D04_MR
80640	ZM_183_B1_D05		ZM_183_B1_D05_MR
80641	ZM_183_B1_D06		ZM_183_B1_D06_MR
80642	ZM_183_B1_D07		ZM_183_B1_D07_MR
80643	ZM_183_B1_D08		ZM_183_B1_D08_MR
80644	ZM_183_B1_D09		ZM_183_B1_D09_MR
80645	ZM_183_B1_D10		ZM_183_B1_D10_MR
80646	ZM_183_B1_D11		ZM_183_B1_D11_MR
80647	ZM_183_B1_D12		ZM_183_B1_D12_MR
80648	ZM_183_B1_E01		ZM_183_B1_E01_MR
80649	ZM_183_B1_E02		ZM_183_B1_E02_MR
80650	ZM_183_B1_E03		ZM_183_B1_E03_MR
80651	ZM_183_B1_E04		ZM_183_B1_E04_MR
80652	ZM_183_B1_E05		ZM_183_B1_E05_MR
80653	ZM_183_B1_E06		ZM_183_B1_E06_MR
80654	ZM_183_B1_E07		ZM_183_B1_E07_MR
80655	ZM_183_B1_E08		ZM_183_B1_E08_MR
80656	ZM_183_B1_E09		ZM_183_B1_E09_MR
80657	ZM_183_B1_E10		ZM_183_B1_E10_MR
80658	ZM_183_B1_E11		ZM_183_B1_E11_MR
80659	ZM_183_B1_E12		ZM_183_B1_E12_MR
80660	ZM_183_B1_F01		ZM_183_B1_F01_MR
80661	ZM_183_B1_F02		ZM_183_B1_F02_MR
80662	ZM_183_B1_F03		ZM_183_B1_F03_MR
80663	ZM_183_B1_F05		ZM_183_B1_F05_MR
80664	ZM_183_B1_F06		ZM_183_B1_F06_MR
80665	ZM_183_B1_F07		ZM_183_B1_F07_MR
80666	ZM_183_B1_F08		ZM_183_B1_F08_MR
80667	ZM_183_B1_F09		ZM_183_B1_F09_MR
80668	ZM_183_B1_F10		ZM_183_B1_F10_MR
80669	ZM_183_B1_F11		ZM_183_B1_F11_MR
80670	ZM_183_B1_F12		ZM_183_B1_F12_MR
80671	ZM_183_B1_G01		ZM_183_B1_G01_MR
80672	ZM_183_B1_G02		ZM_183_B1_G02_MR
80673	ZM_183_B1_G03		ZM_183_B1_G03_MR
80674	ZM_183_B1_G04		ZM_183_B1_G04_MR
80675	ZM_183_B1_G05		ZM_183_B1_G05_MR
80676	ZM_183_B1_G06		ZM_183_B1_G06_MR
80677	ZM_183_B1_G07		ZM_183_B1_G07_MR
80678	ZM_183_B1_G08		ZM_183_B1_G08_MR
80679	ZM_183_B1_G09		ZM_183_B1_G09_MR
80680	ZM_183_B1_G10		ZM_183_B1_G10_MR
80681	ZM_183_B1_G11		ZM_183_B1_G11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80682	ZM_183_B1_G12		ZM_183_B1_G12_MR
80683	ZM_183_B1_H02		ZM_183_B1_H02_MR
80684	ZM_183_B1_H03		ZM_183_B1_H03_MR
80685	ZM_183_B1_H04		ZM_183_B1_H04_MR
80686	ZM_183_B1_H05		ZM_183_B1_H05_MR
80687	ZM_183_B1_H06		ZM_183_B1_H06_MR
80688	ZM_183_B1_H07		ZM_183_B1_H07_MR
80689	ZM_183_B1_H08		ZM_183_B1_H08_MR
80690	ZM_183_B1_H09		ZM_183_B1_H09_MR
80691	ZM_183_B1_H10		ZM_183_B1_H10_MR
80692	ZM_183_B1_H11		ZM_183_B1_H11_MR
80693	ZM_183_B1_H12		ZM_183_B1_H12_MR
80694	ZM_183_B2_A01		ZM_183_B2_A01_MR
80695	ZM_183_B2_A02		ZM_183_B2_A02_MR
80696	ZM_183_B2_A03		ZM_183_B2_A03_MR
80697	ZM_183_B2_A04		ZM_183_B2_A04_MR
80698	ZM_183_B2_A05		ZM_183_B2_A05_MR
80699	ZM_183_B2_A06		ZM_183_B2_A06_MR
80700	ZM_183_B2_A07		ZM_183_B2_A07_MR
80701	ZM_183_B2_A08		ZM_183_B2_A08_MR
80702	ZM_183_B2_A09		ZM_183_B2_A09_MR
80703	ZM_183_B2_A10		ZM_183_B2_A10_MR
80704	ZM_183_B2_A12		ZM_183_B2_A12_MR
80705	ZM_183_B2_B01		ZM_183_B2_B01_MR
80706	ZM_183_B2_B02		ZM_183_B2_B02_MR
80707	ZM_183_B2_B03		ZM_183_B2_B03_MR
80708	ZM_183_B2_B04		ZM_183_B2_B04_MR
80709	ZM_183_B2_B05		ZM_183_B2_B05_MR
80710	ZM_183_B2_B08		ZM_183_B2_B08_MR
80711	ZM_183_B2_B09		ZM_183_B2_B09_MR
80712	ZM_183_B2_B10		ZM_183_B2_B10_MR
80713	ZM_183_B2_B12		ZM_183_B2_B12_MR
80714	ZM_183_B2_C01		ZM_183_B2_C01_MR
80715	ZM_183_B2_C02		ZM_183_B2_C02_MR
80716	ZM_183_B2_C03		ZM_183_B2_C03_MR
80717	ZM_183_B2_C04		ZM_183_B2_C04_MR
80718	ZM_183_B2_C05		ZM_183_B2_C05_MR
80719	ZM_183_B2_C06		ZM_183_B2_C06_MR
80720	ZM_183_B2_C07		ZM_183_B2_C07_MR
80721	ZM_183_B2_C08		ZM_183_B2_C08_MR
80722	ZM_183_B2_C09		ZM_183_B2_C09_MR
80723	ZM_183_B2_C10		ZM_183_B2_C10_MR
80724	ZM_183_B2_C11		ZM_183_B2_C11_MR
80725	ZM_183_B2_C12		ZM_183_B2_C12_MR
80726	ZM_183_B2_D01		ZM_183_B2_D01_MR
80727	ZM_183_B2_D02		ZM_183_B2_D02_MR
80728	ZM_183_B2_D03		ZM_183_B2_D03_MR
80729	ZM_183_B2_D04		ZM_183_B2_D04_MR
80730	ZM_183_B2_D05		ZM_183_B2_D05_MR
80731	ZM_183_B2_D06		ZM_183_B2_D06_MR
80732	ZM_183_B2_D07		ZM_183_B2_D07_MR
80733	ZM_183_B2_D08		ZM_183_B2_D08_MR
80734	ZM_183_B2_D10		ZM_183_B2_D10_MR
80735	ZM_183_B2_D11		ZM_183_B2_D11_MR
80736	ZM_183_B2_D12		ZM_183_B2_D12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80737	ZM_183_B2_E01		ZM_183_B2_E01_MR
80738	ZM_183_B2_E02		ZM_183_B2_E02_MR
80739	ZM_183_B2_E03		ZM_183_B2_E03_MR
80740	ZM_183_B2_E04		ZM_183_B2_E04_MR
80741	ZM_183_B2_E05		ZM_183_B2_E05_MR
80742	ZM_183_B2_E06		ZM_183_B2_E06_MR
80743	ZM_183_B2_E07		ZM_183_B2_E07_MR
80744	ZM_183_B2_E08		ZM_183_B2_E08_MR
80745	ZM_183_B2_E09		ZM_183_B2_E09_MR
80746	ZM_183_B2_E10		ZM_183_B2_E10_MR
80747	ZM_183_B2_E11		ZM_183_B2_E11_MR
80748	ZM_183_B2_E12		ZM_183_B2_E12_MR
80749	ZM_183_B2_F01		ZM_183_B2_F01_MR
80750	ZM_183_B2_F02		ZM_183_B2_F02_MR
80751	ZM_183_B2_F03		ZM_183_B2_F03_MR
80752	ZM_183_B2_F04		ZM_183_B2_F04_MR
80753	ZM_183_B2_F05		ZM_183_B2_F05_MR
80754	ZM_183_B2_F06		ZM_183_B2_F06_MR
80755	ZM_183_B2_F07		ZM_183_B2_F07_MR
80756	ZM_183_B2_F09		ZM_183_B2_F09_MR
80757	ZM_183_B2_F10		ZM_183_B2_F10_MR
80758	ZM_183_B2_F11		ZM_183_B2_F11_MR
80759	ZM_183_B2_F12		ZM_183_B2_F12_MR
80760	ZM_183_B2_G01		ZM_183_B2_G01_MR
80761	ZM_183_B2_G02		ZM_183_B2_G02_MR
80762	ZM_183_B2_G03		ZM_183_B2_G03_MR
80763	ZM_183_B2_G04		ZM_183_B2_G04_MR
80764	ZM_183_B2_G05		ZM_183_B2_G05_MR
80765	ZM_183_B2_G06		ZM_183_B2_G06_MR
80766	ZM_183_B2_G07		ZM_183_B2_G07_MR
80767	ZM_183_B2_G08		ZM_183_B2_G08_MR
80768	ZM_183_B2_G09		ZM_183_B2_G09_MR
80769	ZM_183_B2_G11		ZM_183_B2_G11_MR
80770	ZM_183_B2_G12		ZM_183_B2_G12_MR
80771	ZM_183_B2_H01		ZM_183_B2_H01_MR
80772	ZM_183_B2_H02		ZM_183_B2_H02_MR
80773	ZM_183_B2_H03		ZM_183_B2_H03_MR
80774	ZM_183_B2_H04		ZM_183_B2_H04_MR
80775	ZM_183_B2_H05		ZM_183_B2_H05_MR
80776	ZM_183_B2_H07		ZM_183_B2_H07_MR
80777	ZM_183_B2_H08		ZM_183_B2_H08_MR
80778	ZM_183_B2_H09		ZM_183_B2_H09_MR
80779	ZM_183_B2_H10		ZM_183_B2_H10_MR
80780	ZM_183_B2_H11		ZM_183_B2_H11_MR
80781	ZM_183_B2_H12		ZM_183_B2_H12_MR
80782	ZM_184_A1_A05		ZM_184_A1_A05_MR
80783	ZM_184_A1_A08		ZM_184_A1_A08_MR
80784	ZM_184_A1_A09		ZM_184_A1_A09_MR
80785	ZM_184_A1_A10		ZM_184_A1_A10_MR
80786	ZM_184_A1_A11		ZM_184_A1_A11_MR
80787	ZM_184_A1_A12		ZM_184_A1_A12_MR
80788	ZM_184_A1_B01		ZM_184_A1_B01_MR
80789	ZM_184_A1_B02		ZM_184_A1_B02_MR
80790	ZM_184_A1_B03		ZM_184_A1_B03_MR
80791	ZM_184_A1_B05		ZM_184_A1_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80792	ZM_184_A1_B06		ZM_184_A1_B06_MR
80793	ZM_184_A1_B07		ZM_184_A1_B07_MR
80794	ZM_184_A1_B08		ZM_184_A1_B08_MR
80795	ZM_184_A1_C05		ZM_184_A1_C05_MR
80796	ZM_184_A1_C10		ZM_184_A1_C10_MR
80797	ZM_184_A1_C11		ZM_184_A1_C11_MR
80798	ZM_184_A1_D01		ZM_184_A1_D01_MR
80799	ZM_184_A1_D02		ZM_184_A1_D02_MR
80800	ZM_184_A1_D04		ZM_184_A1_D04_MR
80801	ZM_184_A1_D11		ZM_184_A1_D11_MR
80802	ZM_184_A1_D12		ZM_184_A1_D12_MR
80803	ZM_184_A1_E01		ZM_184_A1_E01_MR
80804	ZM_184_A1_E03		ZM_184_A1_E03_MR
80805	ZM_184_A1_E04		ZM_184_A1_E04_MR
80806	ZM_184_A1_E06		ZM_184_A1_E06_MR
80807	ZM_184_A1_E07		ZM_184_A1_E07_MR
80808	ZM_184_A1_F01		ZM_184_A1_F01_MR
80809	ZM_184_A1_F02		ZM_184_A1_F02_MR
80810	ZM_184_A1_F07		ZM_184_A1_F07_MR
80811	ZM_184_A1_F08		ZM_184_A1_F08_MR
80812	ZM_184_A1_G05		ZM_184_A1_G05_MR
80813	ZM_184_A1_G08		ZM_184_A1_G08_MR
80814	ZM_184_A1_G11		ZM_184_A1_G11_MR
80815	ZM_184_A1_H01		ZM_184_A1_H01_MR
80816	ZM_184_A1_H03		ZM_184_A1_H03_MR
80817	ZM_184_A1_H08		ZM_184_A1_H08_MR
80818	ZM_184_A1_H09		ZM_184_A1_H09_MR
80819	ZM_184_A1_H11		ZM_184_A1_H11_MR
80820	ZM_184_A2_A01		ZM_184_A2_A01_MR
80821	ZM_184_A2_A02		ZM_184_A2_A02_MR
80822	ZM_184_A2_A03		ZM_184_A2_A03_MR
80823	ZM_184_A2_A04		ZM_184_A2_A04_MR
80824	ZM_184_A2_A05		ZM_184_A2_A05_MR
80825	ZM_184_A2_A06		ZM_184_A2_A06_MR
80826	ZM_184_A2_A07		ZM_184_A2_A07_MR
80827	ZM_184_A2_A08		ZM_184_A2_A08_MR
80828	ZM_184_A2_A09		ZM_184_A2_A09_MR
80829	ZM_184_A2_A10		ZM_184_A2_A10_MR
80830	ZM_184_A2_A11		ZM_184_A2_A11_MR
80831	ZM_184_A2_A12		ZM_184_A2_A12_MR
80832	ZM_184_A2_B01		ZM_184_A2_B01_MR
80833	ZM_184_A2_B02		ZM_184_A2_B02_MR
80834	ZM_184_A2_B03		ZM_184_A2_B03_MR
80835	ZM_184_A2_B04		ZM_184_A2_B04_MR
80836	ZM_184_A2_B05		ZM_184_A2_B05_MR
80837	ZM_184_A2_B06		ZM_184_A2_B06_MR
80838	ZM_184_A2_B07		ZM_184_A2_B07_MR
80839	ZM_184_A2_B08		ZM_184_A2_B08_MR
80840	ZM_184_A2_B09		ZM_184_A2_B09_MR
80841	ZM_184_A2_B10		ZM_184_A2_B10_MR
80842	ZM_184_A2_B11		ZM_184_A2_B11_MR
80843	ZM_184_A2_B12		ZM_184_A2_B12_MR
80844	ZM_184_A2_C01		ZM_184_A2_C01_MR
80845	ZM_184_A2_C02		ZM_184_A2_C02_MR
80846	ZM_184_A2_C03		ZM_184_A2_C03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80847	ZM_184_A2_C04		ZM_184_A2_C04_MR
80848	ZM_184_A2_C06		ZM_184_A2_C06_MR
80849	ZM_184_A2_C07		ZM_184_A2_C07_MR
80850	ZM_184_A2_C08		ZM_184_A2_C08_MR
80851	ZM_184_A2_C09		ZM_184_A2_C09_MR
80852	ZM_184_A2_C10		ZM_184_A2_C10_MR
80853	ZM_184_A2_C11		ZM_184_A2_C11_MR
80854	ZM_184_A2_C12		ZM_184_A2_C12_MR
80855	ZM_184_A2_D01		ZM_184_A2_D01_MR
80856	ZM_184_A2_D02		ZM_184_A2_D02_MR
80857	ZM_184_A2_D03		ZM_184_A2_D03_MR
80858	ZM_184_A2_D04		ZM_184_A2_D04_MR
80859	ZM_184_A2_D05		ZM_184_A2_D05_MR
80860	ZM_184_A2_D06		ZM_184_A2_D06_MR
80861	ZM_184_A2_D07		ZM_184_A2_D07_MR
80862	ZM_184_A2_D08		ZM_184_A2_D08_MR
80863	ZM_184_A2_D09		ZM_184_A2_D09_MR
80864	ZM_184_A2_D10		ZM_184_A2_D10_MR
80865	ZM_184_A2_D11		ZM_184_A2_D11_MR
80866	ZM_184_A2_D12		ZM_184_A2_D12_MR
80867	ZM_184_A2_E02		ZM_184_A2_E02_MR
80868	ZM_184_A2_E03		ZM_184_A2_E03_MR
80869	ZM_184_A2_E05		ZM_184_A2_E05_MR
80870	ZM_184_A2_E06		ZM_184_A2_E06_MR
80871	ZM_184_A2_E07		ZM_184_A2_E07_MR
80872	ZM_184_A2_E08		ZM_184_A2_E08_MR
80873	ZM_184_A2_E09		ZM_184_A2_E09_MR
80874	ZM_184_A2_E10		ZM_184_A2_E10_MR
80875	ZM_184_A2_E11		ZM_184_A2_E11_MR
80876	ZM_184_A2_E12		ZM_184_A2_E12_MR
80877	ZM_184_A2_F02		ZM_184_A2_F02_MR
80878	ZM_184_A2_F03		ZM_184_A2_F03_MR
80879	ZM_184_A2_F04		ZM_184_A2_F04_MR
80880	ZM_184_A2_F05		ZM_184_A2_F05_MR
80881	ZM_184_A2_F06		ZM_184_A2_F06_MR
80882	ZM_184_A2_F07		ZM_184_A2_F07_MR
80883	ZM_184_A2_F08		ZM_184_A2_F08_MR
80884	ZM_184_A2_F09		ZM_184_A2_F09_MR
80885	ZM_184_A2_F11		ZM_184_A2_F11_MR
80886	ZM_184_A2_F12		ZM_184_A2_F12_MR
80887	ZM_184_A2_G01		ZM_184_A2_G01_MR
80888	ZM_184_A2_G02		ZM_184_A2_G02_MR
80889	ZM_184_A2_G03		ZM_184_A2_G03_MR
80890	ZM_184_A2_G06		ZM_184_A2_G06_MR
80891	ZM_184_A2_G07		ZM_184_A2_G07_MR
80892	ZM_184_A2_G08		ZM_184_A2_G08_MR
80893	ZM_184_A2_G09		ZM_184_A2_G09_MR
80894	ZM_184_A2_G10		ZM_184_A2_G10_MR
80895	ZM_184_A2_G11		ZM_184_A2_G11_MR
80896	ZM_184_A2_G12		ZM_184_A2_G12_MR
80897	ZM_184_A2_H01		ZM_184_A2_H01_MR
80898	ZM_184_A2_H02		ZM_184_A2_H02_MR
80899	ZM_184_A2_H03		ZM_184_A2_H03_MR
80900	ZM_184_A2_H04		ZM_184_A2_H04_MR
80901	ZM_184_A2_H05		ZM_184_A2_H05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80902	ZM_184_A2_H06		ZM_184_A2_H06_MR
80903	ZM_184_A2_H07		ZM_184_A2_H07_MR
80904	ZM_184_A2_H08		ZM_184_A2_H08_MR
80905	ZM_184_A2_H09		ZM_184_A2_H09_MR
80906	ZM_184_A2_H10		ZM_184_A2_H10_MR
80907	ZM_184_A2_H11		ZM_184_A2_H11_MR
80908	ZM_184_A2_H12		ZM_184_A2_H12_MR
80909	ZM_184_B1_A01		ZM_184_B1_A01_MR
80910	ZM_184_B1_A02		ZM_184_B1_A02_MR
80911	ZM_184_B1_A03		ZM_184_B1_A03_MR
80912	ZM_184_B1_A04		ZM_184_B1_A04_MR
80913	ZM_184_B1_A05		ZM_184_B1_A05_MR
80914	ZM_184_B1_A06		ZM_184_B1_A06_MR
80915	ZM_184_B1_A07		ZM_184_B1_A07_MR
80916	ZM_184_B1_A08		ZM_184_B1_A08_MR
80917	ZM_184_B1_A09		ZM_184_B1_A09_MR
80918	ZM_184_B1_A10		ZM_184_B1_A10_MR
80919	ZM_184_B1_A11		ZM_184_B1_A11_MR
80920	ZM_184_B1_A12		ZM_184_B1_A12_MR
80921	ZM_184_B1_B01		ZM_184_B1_B01_MR
80922	ZM_184_B1_B02		ZM_184_B1_B02_MR
80923	ZM_184_B1_B03		ZM_184_B1_B03_MR
80924	ZM_184_B1_B04		ZM_184_B1_B04_MR
80925	ZM_184_B1_B05		ZM_184_B1_B05_MR
80926	ZM_184_B1_B06		ZM_184_B1_B06_MR
80927	ZM_184_B1_B07		ZM_184_B1_B07_MR
80928	ZM_184_B1_B08		ZM_184_B1_B08_MR
80929	ZM_184_B1_B09		ZM_184_B1_B09_MR
80930	ZM_184_B1_B10		ZM_184_B1_B10_MR
80931	ZM_184_B1_B11		ZM_184_B1_B11_MR
80932	ZM_184_B1_C01		ZM_184_B1_C01_MR
80933	ZM_184_B1_C02		ZM_184_B1_C02_MR
80934	ZM_184_B1_C03		ZM_184_B1_C03_MR
80935	ZM_184_B1_C04		ZM_184_B1_C04_MR
80936	ZM_184_B1_C05		ZM_184_B1_C05_MR
80937	ZM_184_B1_C06		ZM_184_B1_C06_MR
80938	ZM_184_B1_C07		ZM_184_B1_C07_MR
80939	ZM_184_B1_C08		ZM_184_B1_C08_MR
80940	ZM_184_B1_C09		ZM_184_B1_C09_MR
80941	ZM_184_B1_C11		ZM_184_B1_C11_MR
80942	ZM_184_B1_C12		ZM_184_B1_C12_MR
80943	ZM_184_B1_D01		ZM_184_B1_D01_MR
80944	ZM_184_B1_D02		ZM_184_B1_D02_MR
80945	ZM_184_B1_D03		ZM_184_B1_D03_MR
80946	ZM_184_B1_D04		ZM_184_B1_D04_MR
80947	ZM_184_B1_D05		ZM_184_B1_D05_MR
80948	ZM_184_B1_D06		ZM_184_B1_D06_MR
80949	ZM_184_B1_D07		ZM_184_B1_D07_MR
80950	ZM_184_B1_D09		ZM_184_B1_D09_MR
80951	ZM_184_B1_D10		ZM_184_B1_D10_MR
80952	ZM_184_B1_D11		ZM_184_B1_D11_MR
80953	ZM_184_B1_D12		ZM_184_B1_D12_MR
80954	ZM_184_B1_E01		ZM_184_B1_E01_MR
80955	ZM_184_B1_E02		ZM_184_B1_E02_MR
80956	ZM_184_B1_E03		ZM_184_B1_E03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
80957	ZM_184_B1_E04		ZM_184_B1_E04_MR
80958	ZM_184_B1_E05		ZM_184_B1_E05_MR
80959	ZM_184_B1_E06		ZM_184_B1_E06_MR
80960	ZM_184_B1_E07		ZM_184_B1_E07_MR
80961	ZM_184_B1_E08		ZM_184_B1_E08_MR
80962	ZM_184_B1_E10		ZM_184_B1_E10_MR
80963	ZM_184_B1_E11		ZM_184_B1_E11_MR
80964	ZM_184_B1_E12		ZM_184_B1_E12_MR
80965	ZM_184_B1_F01		ZM_184_B1_F01_MR
80966	ZM_184_B1_F02		ZM_184_B1_F02_MR
80967	ZM_184_B1_F03		ZM_184_B1_F03_MR
80968	ZM_184_B1_F04		ZM_184_B1_F04_MR
80969	ZM_184_B1_F05		ZM_184_B1_F05_MR
80970	ZM_184_B1_F06		ZM_184_B1_F06_MR
80971	ZM_184_B1_F07		ZM_184_B1_F07_MR
80972	ZM_184_B1_F08		ZM_184_B1_F08_MR
80973	ZM_184_B1_F09		ZM_184_B1_F09_MR
80974	ZM_184_B1_F10		ZM_184_B1_F10_MR
80975	ZM_184_B1_F11		ZM_184_B1_F11_MR
80976	ZM_184_B1_F12		ZM_184_B1_F12_MR
80977	ZM_184_B1_G01		ZM_184_B1_G01_MR
80978	ZM_184_B1_G02		ZM_184_B1_G02_MR
80979	ZM_184_B1_G03		ZM_184_B1_G03_MR
80980	ZM_184_B1_G05		ZM_184_B1_G05_MR
80981	ZM_184_B1_G06		ZM_184_B1_G06_MR
80982	ZM_184_B1_G07		ZM_184_B1_G07_MR
80983	ZM_184_B1_G08		ZM_184_B1_G08_MR
80984	ZM_184_B1_G09		ZM_184_B1_G09_MR
80985	ZM_184_B1_G10		ZM_184_B1_G10_MR
80986	ZM_184_B1_G11		ZM_184_B1_G11_MR
80987	ZM_184_B1_G12		ZM_184_B1_G12_MR
80988	ZM_184_B1_H01		ZM_184_B1_H01_MR
80989	ZM_184_B1_H02		ZM_184_B1_H02_MR
80990	ZM_184_B1_H03		ZM_184_B1_H03_MR
80991	ZM_184_B1_H04		ZM_184_B1_H04_MR
80992	ZM_184_B1_H05		ZM_184_B1_H05_MR
80993	ZM_184_B1_H06		ZM_184_B1_H06_MR
80994	ZM_184_B1_H07		ZM_184_B1_H07_MR
80995	ZM_184_B1_H08		ZM_184_B1_H08_MR
80996	ZM_184_B1_H09		ZM_184_B1_H09_MR
80997	ZM_184_B1_H10		ZM_184_B1_H10_MR
80998	ZM_184_B1_H11		ZM_184_B1_H11_MR
80999	ZM_184_B1_H12		ZM_184_B1_H12_MR
81000	ZM_184_B2_A01		ZM_184_B2_A01_MR
81001	ZM_184_B2_A02		ZM_184_B2_A02_MR
81002	ZM_184_B2_A03		ZM_184_B2_A03_MR
81003	ZM_184_B2_A04		ZM_184_B2_A04_MR
81004	ZM_184_B2_A05		ZM_184_B2_A05_MR
81005	ZM_184_B2_A06		ZM_184_B2_A06_MR
81006	ZM_184_B2_A07		ZM_184_B2_A07_MR
81007	ZM_184_B2_A08		ZM_184_B2_A08_MR
81008	ZM_184_B2_A09		ZM_184_B2_A09_MR
81009	ZM_184_B2_A10		ZM_184_B2_A10_MR
81010	ZM_184_B2_A11		ZM_184_B2_A11_MR
81011	ZM_184_B2_A12		ZM_184_B2_A12_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81012	ZM_184_B2_B01		ZM_184_B2_B01_MR
81013	ZM_184_B2_B02		ZM_184_B2_B02_MR
81014	ZM_184_B2_B03		ZM_184_B2_B03_MR
81015	ZM_184_B2_B04		ZM_184_B2_B04_MR
81016	ZM_184_B2_B07		ZM_184_B2_B07_MR
81017	ZM_184_B2_B08		ZM_184_B2_B08_MR
81018	ZM_184_B2_B09		ZM_184_B2_B09_MR
81019	ZM_184_B2_B10		ZM_184_B2_B10_MR
81020	ZM_184_B2_B11		ZM_184_B2_B11_MR
81021	ZM_184_B2_B12		ZM_184_B2_B12_MR
81022	ZM_184_B2_C01		ZM_184_B2_C01_MR
81023	ZM_184_B2_C02		ZM_184_B2_C02_MR
81024	ZM_184_B2_C03		ZM_184_B2_C03_MR
81025	ZM_184_B2_C04		ZM_184_B2_C04_MR
81026	ZM_184_B2_C05		ZM_184_B2_C05_MR
81027	ZM_184_B2_C06		ZM_184_B2_C06_MR
81028	ZM_184_B2_C07		ZM_184_B2_C07_MR
81029	ZM_184_B2_C08		ZM_184_B2_C08_MR
81030	ZM_184_B2_C09		ZM_184_B2_C09_MR
81031	ZM_184_B2_C10		ZM_184_B2_C10_MR
81032	ZM_184_B2_C11		ZM_184_B2_C11_MR
81033	ZM_184_B2_C12		ZM_184_B2_C12_MR
81034	ZM_184_B2_D01		ZM_184_B2_D01_MR
81035	ZM_184_B2_D02		ZM_184_B2_D02_MR
81036	ZM_184_B2_D03		ZM_184_B2_D03_MR
81037	ZM_184_B2_D04		ZM_184_B2_D04_MR
81038	ZM_184_B2_D05		ZM_184_B2_D05_MR
81039	ZM_184_B2_D06		ZM_184_B2_D06_MR
81040	ZM_184_B2_D07		ZM_184_B2_D07_MR
81041	ZM_184_B2_D08		ZM_184_B2_D08_MR
81042	ZM_184_B2_D09		ZM_184_B2_D09_MR
81043	ZM_184_B2_D10		ZM_184_B2_D10_MR
81044	ZM_184_B2_D11		ZM_184_B2_D11_MR
81045	ZM_184_B2_D12		ZM_184_B2_D12_MR
81046	ZM_184_B2_E01		ZM_184_B2_E01_MR
81047	ZM_184_B2_E02		ZM_184_B2_E02_MR
81048	ZM_184_B2_E04		ZM_184_B2_E04_MR
81049	ZM_184_B2_E06		ZM_184_B2_E06_MR
81050	ZM_184_B2_E07		ZM_184_B2_E07_MR
81051	ZM_184_B2_E08		ZM_184_B2_E08_MR
81052	ZM_184_B2_E09		ZM_184_B2_E09_MR
81053	ZM_184_B2_E10		ZM_184_B2_E10_MR
81054	ZM_184_B2_E11		ZM_184_B2_E11_MR
81055	ZM_184_B2_E12		ZM_184_B2_E12_MR
81056	ZM_184_B2_F01		ZM_184_B2_F01_MR
81057	ZM_184_B2_F02		ZM_184_B2_F02_MR
81058	ZM_184_B2_F03		ZM_184_B2_F03_MR
81059	ZM_184_B2_F04		ZM_184_B2_F04_MR
81060	ZM_184_B2_F05		ZM_184_B2_F05_MR
81061	ZM_184_B2_F06		ZM_184_B2_F06_MR
81062	ZM_184_B2_F07		ZM_184_B2_F07_MR
81063	ZM_184_B2_F08		ZM_184_B2_F08_MR
81064	ZM_184_B2_F09		ZM_184_B2_F09_MR
81065	ZM_184_B2_F10		ZM_184_B2_F10_MR
81066	ZM_184_B2_F11		ZM_184_B2_F11_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81067	ZM_184_B2_F12		ZM_184_B2_F12_MR
81068	ZM_184_B2_G01		ZM_184_B2_G01_MR
81069	ZM_184_B2_G02		ZM_184_B2_G02_MR
81070	ZM_184_B2_G03		ZM_184_B2_G03_MR
81071	ZM_184_B2_G04		ZM_184_B2_G04_MR
81072	ZM_184_B2_G05		ZM_184_B2_G05_MR
81073	ZM_184_B2_G07		ZM_184_B2_G07_MR
81074	ZM_184_B2_G08		ZM_184_B2_G08_MR
81075	ZM_184_B2_G09		ZM_184_B2_G09_MR
81076	ZM_184_B2_G10		ZM_184_B2_G10_MR
81077	ZM_184_B2_G11		ZM_184_B2_G11_MR
81078	ZM_184_B2_G12		ZM_184_B2_G12_MR
81079	ZM_184_B2_H01		ZM_184_B2_H01_MR
81080	ZM_184_B2_H02		ZM_184_B2_H02_MR
81081	ZM_184_B2_H04		ZM_184_B2_H04_MR
81082	ZM_184_B2_H05		ZM_184_B2_H05_MR
81083	ZM_184_B2_H06		ZM_184_B2_H06_MR
81084	ZM_184_B2_H07		ZM_184_B2_H07_MR
81085	ZM_184_B2_H08		ZM_184_B2_H08_MR
81086	ZM_184_B2_H09		ZM_184_B2_H09_MR
81087	ZM_184_B2_H10		ZM_184_B2_H10_MR
81088	ZM_184_B2_H12		ZM_184_B2_H12_MR
81089	ZM_185_A1_A05		ZM_185_A1_A05_MR
81090	ZM_185_A1_A10		ZM_185_A1_A10_MR
81091	ZM_185_A1_A12		ZM_185_A1_A12_MR
81092	ZM_185_A1_B09		ZM_185_A1_B09_MR
81093	ZM_185_A1_B10		ZM_185_A1_B10_MR
81094	ZM_185_A1_C01		ZM_185_A1_C01_MR
81095	ZM_185_A1_C05		ZM_185_A1_C05_MR
81096	ZM_185_A1_C09		ZM_185_A1_C09_MR
81097	ZM_185_A1_C12		ZM_185_A1_C12_MR
81098	ZM_185_A1_D02		ZM_185_A1_D02_MR
81099	ZM_185_A1_D11		ZM_185_A1_D11_MR
81100	ZM_185_A1_E06		ZM_185_A1_E06_MR
81101	ZM_185_A1_E07		ZM_185_A1_E07_MR
81102	ZM_185_A1_E08		ZM_185_A1_E08_MR
81103	ZM_185_A1_E09		ZM_185_A1_E09_MR
81104	ZM_185_A1_E11		ZM_185_A1_E11_MR
81105	ZM_185_A1_E12		ZM_185_A1_E12_MR
81106	ZM_185_A1_F01		ZM_185_A1_F01_MR
81107	ZM_185_A1_F06		ZM_185_A1_F06_MR
81108	ZM_185_A1_F08		ZM_185_A1_F08_MR
81109	ZM_185_A1_F09		ZM_185_A1_F09_MR
81110	ZM_185_A1_F11		ZM_185_A1_F11_MR
81111	ZM_185_A1_G01		ZM_185_A1_G01_MR
81112	ZM_185_A1_G09		ZM_185_A1_G09_MR
81113	ZM_185_A1_G10		ZM_185_A1_G10_MR
81114	ZM_185_A1_H06		ZM_185_A1_H06_MR
81115	ZM_185_A1_H07		ZM_185_A1_H07_MR
81116	ZM_185_A1_H09		ZM_185_A1_H09_MR
81117	ZM_185_B2_A01		ZM_185_B2_A01_MR
81118	ZM_185_B2_A02		ZM_185_B2_A02_MR
81119	ZM_185_B2_A03		ZM_185_B2_A03_MR
81120	ZM_185_B2_A04		ZM_185_B2_A04_MR
81121	ZM_185_B2_A05		ZM_185_B2_A05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81122	ZM_185_B2_A06		ZM_185_B2_A06_MR
81123	ZM_185_B2_A07		ZM_185_B2_A07_MR
81124	ZM_185_B2_A08		ZM_185_B2_A08_MR
81125	ZM_185_B2_A09		ZM_185_B2_A09_MR
81126	ZM_185_B2_A10		ZM_185_B2_A10_MR
81127	ZM_185_B2_A11		ZM_185_B2_A11_MR
81128	ZM_185_B2_A12		ZM_185_B2_A12_MR
81129	ZM_185_B2_B01		ZM_185_B2_B01_MR
81130	ZM_185_B2_B03		ZM_185_B2_B03_MR
81131	ZM_185_B2_B04		ZM_185_B2_B04_MR
81132	ZM_185_B2_B05		ZM_185_B2_B05_MR
81133	ZM_185_B2_B07		ZM_185_B2_B07_MR
81134	ZM_185_B2_B08		ZM_185_B2_B08_MR
81135	ZM_185_B2_B09		ZM_185_B2_B09_MR
81136	ZM_185_B2_B10		ZM_185_B2_B10_MR
81137	ZM_185_B2_B11		ZM_185_B2_B11_MR
81138	ZM_185_B2_B12		ZM_185_B2_B12_MR
81139	ZM_185_B2_C01		ZM_185_B2_C01_MR
81140	ZM_185_B2_C02		ZM_185_B2_C02_MR
81141	ZM_185_B2_C03		ZM_185_B2_C03_MR
81142	ZM_185_B2_C04		ZM_185_B2_C04_MR
81143	ZM_185_B2_C05		ZM_185_B2_C05_MR
81144	ZM_185_B2_C06		ZM_185_B2_C06_MR
81145	ZM_185_B2_C07		ZM_185_B2_C07_MR
81146	ZM_185_B2_C08		ZM_185_B2_C08_MR
81147	ZM_185_B2_C09		ZM_185_B2_C09_MR
81148	ZM_185_B2_C10		ZM_185_B2_C10_MR
81149	ZM_185_B2_C11		ZM_185_B2_C11_MR
81150	ZM_185_B2_C12		ZM_185_B2_C12_MR
81151	ZM_185_B2_D01		ZM_185_B2_D01_MR
81152	ZM_185_B2_D02		ZM_185_B2_D02_MR
81153	ZM_185_B2_D03		ZM_185_B2_D03_MR
81154	ZM_185_B2_D04		ZM_185_B2_D04_MR
81155	ZM_185_B2_D05		ZM_185_B2_D05_MR
81156	ZM_185_B2_D06		ZM_185_B2_D06_MR
81157	ZM_185_B2_D07		ZM_185_B2_D07_MR
81158	ZM_185_B2_D09		ZM_185_B2_D09_MR
81159	ZM_185_B2_D10		ZM_185_B2_D10_MR
81160	ZM_185_B2_D11		ZM_185_B2_D11_MR
81161	ZM_185_B2_D12		ZM_185_B2_D12_MR
81162	ZM_185_B2_E01		ZM_185_B2_E01_MR
81163	ZM_185_B2_E02		ZM_185_B2_E02_MR
81164	ZM_185_B2_E03		ZM_185_B2_E03_MR
81165	ZM_185_B2_E04		ZM_185_B2_E04_MR
81166	ZM_185_B2_E05		ZM_185_B2_E05_MR
81167	ZM_185_B2_E06		ZM_185_B2_E06_MR
81168	ZM_185_B2_E07		ZM_185_B2_E07_MR
81169	ZM_185_B2_E08		ZM_185_B2_E08_MR
81170	ZM_185_B2_E09		ZM_185_B2_E09_MR
81171	ZM_185_B2_E10		ZM_185_B2_E10_MR
81172	ZM_185_B2_E11		ZM_185_B2_E11_MR
81173	ZM_185_B2_E12		ZM_185_B2_E12_MR
81174	ZM_185_B2_F01		ZM_185_B2_F01_MR
81175	ZM_185_B2_F02		ZM_185_B2_F02_MR
81176	ZM_185_B2_F03		ZM_185_B2_F03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81177	ZM_185_B2_F04		ZM_185_B2_F04_MR
81178	ZM_185_B2_F05		ZM_185_B2_F05_MR
81179	ZM_185_B2_F06		ZM_185_B2_F06_MR
81180	ZM_185_B2_F07		ZM_185_B2_F07_MR
81181	ZM_185_B2_F08		ZM_185_B2_F08_MR
81182	ZM_185_B2_F09		ZM_185_B2_F09_MR
81183	ZM_185_B2_F10		ZM_185_B2_F10_MR
81184	ZM_185_B2_F11		ZM_185_B2_F11_MR
81185	ZM_185_B2_F12		ZM_185_B2_F12_MR
81186	ZM_185_B2_G01		ZM_185_B2_G01_MR
81187	ZM_185_B2_G02		ZM_185_B2_G02_MR
81188	ZM_185_B2_G04		ZM_185_B2_G04_MR
81189	ZM_185_B2_G05		ZM_185_B2_G05_MR
81190	ZM_185_B2_G06		ZM_185_B2_G06_MR
81191	ZM_185_B2_G07		ZM_185_B2_G07_MR
81192	ZM_185_B2_G08		ZM_185_B2_G08_MR
81193	ZM_185_B2_G09		ZM_185_B2_G09_MR
81194	ZM_185_B2_G10		ZM_185_B2_G10_MR
81195	ZM_185_B2_G12		ZM_185_B2_G12_MR
81196	ZM_185_B2_H02		ZM_185_B2_H02_MR
81197	ZM_185_B2_H04		ZM_185_B2_H04_MR
81198	ZM_185_B2_H05		ZM_185_B2_H05_MR
81199	ZM_185_B2_H06		ZM_185_B2_H06_MR
81200	ZM_185_B2_H08		ZM_185_B2_H08_MR
81201	ZM_185_B2_H09		ZM_185_B2_H09_MR
81202	ZM_185_B2_H10		ZM_185_B2_H10_MR
81203	ZM_185_B2_H11		ZM_185_B2_H11_MR
81204	ZM_186_A2_A05		ZM_186_A2_A05_MR
81205	ZM_186_A2_A07		ZM_186_A2_A07_MR
81206	ZM_186_A2_A09		ZM_186_A2_A09_MR
81207	ZM_186_A2_A12		ZM_186_A2_A12_MR
81208	ZM_186_A2_B10		ZM_186_A2_B10_MR
81209	ZM_186_A2_C03		ZM_186_A2_C03_MR
81210	ZM_186_A2_C10		ZM_186_A2_C10_MR
81211	ZM_186_A2_D05		ZM_186_A2_D05_MR
81212	ZM_186_A2_E01		ZM_186_A2_E01_MR
81213	ZM_186_A2_E09		ZM_186_A2_E09_MR
81214	ZM_186_A2_E10		ZM_186_A2_E10_MR
81215	ZM_186_A2_F02		ZM_186_A2_F02_MR
81216	ZM_186_A2_F03		ZM_186_A2_F03_MR
81217	ZM_186_A2_F08		ZM_186_A2_F08_MR
81218	ZM_186_A2_F09		ZM_186_A2_F09_MR
81219	ZM_186_A2_G11		ZM_186_A2_G11_MR
81220	ZM_186_A2_H03		ZM_186_A2_H03_MR
81221	ZM_186_A2_H11		ZM_186_A2_H11_MR
81222	ZM_186_A2_H12		ZM_186_A2_H12_MR
81223	ZM_186_B1_A01		ZM_186_B1_A01_MR
81224	ZM_186_B1_A03		ZM_186_B1_A03_MR
81225	ZM_186_B1_A04		ZM_186_B1_A04_MR
81226	ZM_186_B1_A05		ZM_186_B1_A05_MR
81227	ZM_186_B1_A06		ZM_186_B1_A06_MR
81228	ZM_186_B1_A07		ZM_186_B1_A07_MR
81229	ZM_186_B1_A08		ZM_186_B1_A08_MR
81230	ZM_186_B1_A09		ZM_186_B1_A09_MR
81231	ZM_186_B1_A10		ZM_186_B1_A10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81232	ZM_186_B1_A11		ZM_186_B1_A11_MR
81233	ZM_186_B1_A12		ZM_186_B1_A12_MR
81234	ZM_186_B1_B01		ZM_186_B1_B01_MR
81235	ZM_186_B1_B02		ZM_186_B1_B02_MR
81236	ZM_186_B1_B03		ZM_186_B1_B03_MR
81237	ZM_186_B1_B04		ZM_186_B1_B04_MR
81238	ZM_186_B1_B05		ZM_186_B1_B05_MR
81239	ZM_186_B1_B07		ZM_186_B1_B07_MR
81240	ZM_186_B1_B08		ZM_186_B1_B08_MR
81241	ZM_186_B1_B09		ZM_186_B1_B09_MR
81242	ZM_186_B1_B10		ZM_186_B1_B10_MR
81243	ZM_186_B1_B11		ZM_186_B1_B11_MR
81244	ZM_186_B1_B12		ZM_186_B1_B12_MR
81245	ZM_186_B1_C01		ZM_186_B1_C01_MR
81246	ZM_186_B1_C02		ZM_186_B1_C02_MR
81247	ZM_186_B1_C03		ZM_186_B1_C03_MR
81248	ZM_186_B1_C04		ZM_186_B1_C04_MR
81249	ZM_186_B1_C05		ZM_186_B1_C05_MR
81250	ZM_186_B1_C06		ZM_186_B1_C06_MR
81251	ZM_186_B1_C07		ZM_186_B1_C07_MR
81252	ZM_186_B1_C08		ZM_186_B1_C08_MR
81253	ZM_186_B1_C09		ZM_186_B1_C09_MR
81254	ZM_186_B1_C10		ZM_186_B1_C10_MR
81255	ZM_186_B1_C11		ZM_186_B1_C11_MR
81256	ZM_186_B1_C12		ZM_186_B1_C12_MR
81257	ZM_186_B1_D01		ZM_186_B1_D01_MR
81258	ZM_186_B1_D02		ZM_186_B1_D02_MR
81259	ZM_186_B1_D03		ZM_186_B1_D03_MR
81260	ZM_186_B1_D04		ZM_186_B1_D04_MR
81261	ZM_186_B1_D05		ZM_186_B1_D05_MR
81262	ZM_186_B1_D06		ZM_186_B1_D06_MR
81263	ZM_186_B1_D07		ZM_186_B1_D07_MR
81264	ZM_186_B1_D08		ZM_186_B1_D08_MR
81265	ZM_186_B1_D09		ZM_186_B1_D09_MR
81266	ZM_186_B1_D10		ZM_186_B1_D10_MR
81267	ZM_186_B1_D11		ZM_186_B1_D11_MR
81268	ZM_186_B1_D12		ZM_186_B1_D12_MR
81269	ZM_186_B1_E01		ZM_186_B1_E01_MR
81270	ZM_186_B1_E02		ZM_186_B1_E02_MR
81271	ZM_186_B1_E03		ZM_186_B1_E03_MR
81272	ZM_186_B1_E04		ZM_186_B1_E04_MR
81273	ZM_186_B1_E05		ZM_186_B1_E05_MR
81274	ZM_186_B1_E06		ZM_186_B1_E06_MR
81275	ZM_186_B1_E07		ZM_186_B1_E07_MR
81276	ZM_186_B1_E08		ZM_186_B1_E08_MR
81277	ZM_186_B1_E09		ZM_186_B1_E09_MR
81278	ZM_186_B1_E10		ZM_186_B1_E10_MR
81279	ZM_186_B1_E11		ZM_186_B1_E11_MR
81280	ZM_186_B1_E12		ZM_186_B1_E12_MR
81281	ZM_186_B1_F01		ZM_186_B1_F01_MR
81282	ZM_186_B1_F02		ZM_186_B1_F02_MR
81283	ZM_186_B1_F04		ZM_186_B1_F04_MR
81284	ZM_186_B1_F05		ZM_186_B1_F05_MR
81285	ZM_186_B1_F06		ZM_186_B1_F06_MR
81286	ZM_186_B1_F07		ZM_186_B1_F07_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81287	ZM_186_B1_F08		ZM_186_B1_F08_MR
81288	ZM_186_B1_F09		ZM_186_B1_F09_MR
81289	ZM_186_B1_F10		ZM_186_B1_F10_MR
81290	ZM_186_B1_F11		ZM_186_B1_F11_MR
81291	ZM_186_B1_F12		ZM_186_B1_F12_MR
81292	ZM_186_B1_G01		ZM_186_B1_G01_MR
81293	ZM_186_B1_G02		ZM_186_B1_G02_MR
81294	ZM_186_B1_G03		ZM_186_B1_G03_MR
81295	ZM_186_B1_G04		ZM_186_B1_G04_MR
81296	ZM_186_B1_G05		ZM_186_B1_G05_MR
81297	ZM_186_B1_G06		ZM_186_B1_G06_MR
81298	ZM_186_B1_G07		ZM_186_B1_G07_MR
81299	ZM_186_B1_G08		ZM_186_B1_G08_MR
81300	ZM_186_B1_G09		ZM_186_B1_G09_MR
81301	ZM_186_B1_G10		ZM_186_B1_G10_MR
81302	ZM_186_B1_G12		ZM_186_B1_G12_MR
81303	ZM_186_B1_H01		ZM_186_B1_H01_MR
81304	ZM_186_B1_H02		ZM_186_B1_H02_MR
81305	ZM_186_B1_H03		ZM_186_B1_H03_MR
81306	ZM_186_B1_H04		ZM_186_B1_H04_MR
81307	ZM_186_B1_H06		ZM_186_B1_H06_MR
81308	ZM_186_B1_H07		ZM_186_B1_H07_MR
81309	ZM_186_B1_H08		ZM_186_B1_H08_MR
81310	ZM_186_B1_H09		ZM_186_B1_H09_MR
81311	ZM_186_B1_H10		ZM_186_B1_H10_MR
81312	ZM_186_B1_H11		ZM_186_B1_H11_MR
81313	ZM_186_B1_H12		ZM_186_B1_H12_MR
81314	ZM_186_B2_A01		ZM_186_B2_A01_MR
81315	ZM_186_B2_A02		ZM_186_B2_A02_MR
81316	ZM_186_B2_A03		ZM_186_B2_A03_MR
81317	ZM_186_B2_A04		ZM_186_B2_A04_MR
81318	ZM_186_B2_A05		ZM_186_B2_A05_MR
81319	ZM_186_B2_A07		ZM_186_B2_A07_MR
81320	ZM_186_B2_A08		ZM_186_B2_A08_MR
81321	ZM_186_B2_A09		ZM_186_B2_A09_MR
81322	ZM_186_B2_A10		ZM_186_B2_A10_MR
81323	ZM_186_B2_A11		ZM_186_B2_A11_MR
81324	ZM_186_B2_A12		ZM_186_B2_A12_MR
81325	ZM_186_B2_B01		ZM_186_B2_B01_MR
81326	ZM_186_B2_B02		ZM_186_B2_B02_MR
81327	ZM_186_B2_B03		ZM_186_B2_B03_MR
81328	ZM_186_B2_B04		ZM_186_B2_B04_MR
81329	ZM_186_B2_B05		ZM_186_B2_B05_MR
81330	ZM_186_B2_B07		ZM_186_B2_B07_MR
81331	ZM_186_B2_B08		ZM_186_B2_B08_MR
81332	ZM_186_B2_B09		ZM_186_B2_B09_MR
81333	ZM_186_B2_B10		ZM_186_B2_B10_MR
81334	ZM_186_B2_B11		ZM_186_B2_B11_MR
81335	ZM_186_B2_B12		ZM_186_B2_B12_MR
81336	ZM_186_B2_C01		ZM_186_B2_C01_MR
81337	ZM_186_B2_C02		ZM_186_B2_C02_MR
81338	ZM_186_B2_C03		ZM_186_B2_C03_MR
81339	ZM_186_B2_C04		ZM_186_B2_C04_MR
81340	ZM_186_B2_C05		ZM_186_B2_C05_MR
81341	ZM_186_B2_C06		ZM_186_B2_C06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81342	ZM_186_B2_C07		ZM_186_B2_C07_MR
81343	ZM_186_B2_C08		ZM_186_B2_C08_MR
81344	ZM_186_B2_C11		ZM_186_B2_C11_MR
81345	ZM_186_B2_C12		ZM_186_B2_C12_MR
81346	ZM_186_B2_D01		ZM_186_B2_D01_MR
81347	ZM_186_B2_D02		ZM_186_B2_D02_MR
81348	ZM_186_B2_D03		ZM_186_B2_D03_MR
81349	ZM_186_B2_D04		ZM_186_B2_D04_MR
81350	ZM_186_B2_D05		ZM_186_B2_D05_MR
81351	ZM_186_B2_D06		ZM_186_B2_D06_MR
81352	ZM_186_B2_D07		ZM_186_B2_D07_MR
81353	ZM_186_B2_D08		ZM_186_B2_D08_MR
81354	ZM_186_B2_D09		ZM_186_B2_D09_MR
81355	ZM_186_B2_D10		ZM_186_B2_D10_MR
81356	ZM_186_B2_D11		ZM_186_B2_D11_MR
81357	ZM_186_B2_D12		ZM_186_B2_D12_MR
81358	ZM_186_B2_E01		ZM_186_B2_E01_MR
81359	ZM_186_B2_E02		ZM_186_B2_E02_MR
81360	ZM_186_B2_E03		ZM_186_B2_E03_MR
81361	ZM_186_B2_E04		ZM_186_B2_E04_MR
81362	ZM_186_B2_E05		ZM_186_B2_E05_MR
81363	ZM_186_B2_E06		ZM_186_B2_E06_MR
81364	ZM_186_B2_E07		ZM_186_B2_E07_MR
81365	ZM_186_B2_E08		ZM_186_B2_E08_MR
81366	ZM_186_B2_E09		ZM_186_B2_E09_MR
81367	ZM_186_B2_E10		ZM_186_B2_E10_MR
81368	ZM_186_B2_E11		ZM_186_B2_E11_MR
81369	ZM_186_B2_E12		ZM_186_B2_E12_MR
81370	ZM_186_B2_F01		ZM_186_B2_F01_MR
81371	ZM_186_B2_F02		ZM_186_B2_F02_MR
81372	ZM_186_B2_F03		ZM_186_B2_F03_MR
81373	ZM_186_B2_F04		ZM_186_B2_F04_MR
81374	ZM_186_B2_F05		ZM_186_B2_F05_MR
81375	ZM_186_B2_F06		ZM_186_B2_F06_MR
81376	ZM_186_B2_F07		ZM_186_B2_F07_MR
81377	ZM_186_B2_F08		ZM_186_B2_F08_MR
81378	ZM_186_B2_F09		ZM_186_B2_F09_MR
81379	ZM_186_B2_F10		ZM_186_B2_F10_MR
81380	ZM_186_B2_F11		ZM_186_B2_F11_MR
81381	ZM_186_B2_F12		ZM_186_B2_F12_MR
81382	ZM_186_B2_G01		ZM_186_B2_G01_MR
81383	ZM_186_B2_G02		ZM_186_B2_G02_MR
81384	ZM_186_B2_G03		ZM_186_B2_G03_MR
81385	ZM_186_B2_G04		ZM_186_B2_G04_MR
81386	ZM_186_B2_G05		ZM_186_B2_G05_MR
81387	ZM_186_B2_G06		ZM_186_B2_G06_MR
81388	ZM_186_B2_G07		ZM_186_B2_G07_MR
81389	ZM_186_B2_G08		ZM_186_B2_G08_MR
81390	ZM_186_B2_G09		ZM_186_B2_G09_MR
81391	ZM_186_B2_G10		ZM_186_B2_G10_MR
81392	ZM_186_B2_G11		ZM_186_B2_G11_MR
81393	ZM_186_B2_G12		ZM_186_B2_G12_MR
81394	ZM_186_B2_H01		ZM_186_B2_H01_MR
81395	ZM_186_B2_H02		ZM_186_B2_H02_MR
81396	ZM_186_B2_H03		ZM_186_B2_H03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81397	ZM_186_B2_H04		ZM_186_B2_H04_MR
81398	ZM_186_B2_H05		ZM_186_B2_H05_MR
81399	ZM_186_B2_H06		ZM_186_B2_H06_MR
81400	ZM_186_B2_H07		ZM_186_B2_H07_MR
81401	ZM_186_B2_H08		ZM_186_B2_H08_MR
81402	ZM_186_B2_H09		ZM_186_B2_H09_MR
81403	ZM_186_B2_H10		ZM_186_B2_H10_MR
81404	ZM_186_B2_H11		ZM_186_B2_H11_MR
81405	ZM_187_A2_A01		ZM_187_A2_A01_MR
81406	ZM_187_A2_A03		ZM_187_A2_A03_MR
81407	ZM_187_A2_A08		ZM_187_A2_A08_MR
81408	ZM_187_A2_A09		ZM_187_A2_A09_MR
81409	ZM_187_A2_A11		ZM_187_A2_A11_MR
81410	ZM_187_A2_A12		ZM_187_A2_A12_MR
81411	ZM_187_A2_B03		ZM_187_A2_B03_MR
81412	ZM_187_A2_B05		ZM_187_A2_B05_MR
81413	ZM_187_A2_B07		ZM_187_A2_B07_MR
81414	ZM_187_A2_B08		ZM_187_A2_B08_MR
81415	ZM_187_A2_B09		ZM_187_A2_B09_MR
81416	ZM_187_A2_B10		ZM_187_A2_B10_MR
81417	ZM_187_A2_C04		ZM_187_A2_C04_MR
81418	ZM_187_A2_C05		ZM_187_A2_C05_MR
81419	ZM_187_A2_C06		ZM_187_A2_C06_MR
81420	ZM_187_A2_C10		ZM_187_A2_C10_MR
81421	ZM_187_A2_C11		ZM_187_A2_C11_MR
81422	ZM_187_A2_C12		ZM_187_A2_C12_MR
81423	ZM_187_A2_D02		ZM_187_A2_D02_MR
81424	ZM_187_A2_D05		ZM_187_A2_D05_MR
81425	ZM_187_A2_D06		ZM_187_A2_D06_MR
81426	ZM_187_A2_D08		ZM_187_A2_D08_MR
81427	ZM_187_A2_D09		ZM_187_A2_D09_MR
81428	ZM_187_A2_D11		ZM_187_A2_D11_MR
81429	ZM_187_A2_D12		ZM_187_A2_D12_MR
81430	ZM_187_A2_E02		ZM_187_A2_E02_MR
81431	ZM_187_A2_E03		ZM_187_A2_E03_MR
81432	ZM_187_A2_E05		ZM_187_A2_E05_MR
81433	ZM_187_A2_E08		ZM_187_A2_E08_MR
81434	ZM_187_A2_E09		ZM_187_A2_E09_MR
81435	ZM_187_A2_E12		ZM_187_A2_E12_MR
81436	ZM_187_A2_F02		ZM_187_A2_F02_MR
81437	ZM_187_A2_F04		ZM_187_A2_F04_MR
81438	ZM_187_A2_F05		ZM_187_A2_F05_MR
81439	ZM_187_A2_F07		ZM_187_A2_F07_MR
81440	ZM_187_A2_F09		ZM_187_A2_F09_MR
81441	ZM_187_A2_F11		ZM_187_A2_F11_MR
81442	ZM_187_A2_G02		ZM_187_A2_G02_MR
81443	ZM_187_A2_G07		ZM_187_A2_G07_MR
81444	ZM_187_A2_G10		ZM_187_A2_G10_MR
81445	ZM_187_A2_G11		ZM_187_A2_G11_MR
81446	ZM_187_A2_G12		ZM_187_A2_G12_MR
81447	ZM_187_A2_H02		ZM_187_A2_H02_MR
81448	ZM_187_A2_H03		ZM_187_A2_H03_MR
81449	ZM_187_A2_H06		ZM_187_A2_H06_MR
81450	ZM_187_A2_H08		ZM_187_A2_H08_MR
81451	ZM_187_A2_H09		ZM_187_A2_H09_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81452	ZM_187_A2_H10		ZM_187_A2_H10_MR
81453	ZM_187_A2_H11		ZM_187_A2_H11_MR
81454	ZM_187_B1_A01		ZM_187_B1_A01_MR
81455	ZM_187_B1_A02		ZM_187_B1_A02_MR
81456	ZM_187_B1_A03		ZM_187_B1_A03_MR
81457	ZM_187_B1_A04		ZM_187_B1_A04_MR
81458	ZM_187_B1_A05		ZM_187_B1_A05_MR
81459	ZM_187_B1_A06		ZM_187_B1_A06_MR
81460	ZM_187_B1_A07		ZM_187_B1_A07_MR
81461	ZM_187_B1_A08		ZM_187_B1_A08_MR
81462	ZM_187_B1_A09		ZM_187_B1_A09_MR
81463	ZM_187_B1_A10		ZM_187_B1_A10_MR
81464	ZM_187_B1_A11		ZM_187_B1_A11_MR
81465	ZM_187_B1_B01		ZM_187_B1_B01_MR
81466	ZM_187_B1_B02		ZM_187_B1_B02_MR
81467	ZM_187_B1_B03		ZM_187_B1_B03_MR
81468	ZM_187_B1_B04		ZM_187_B1_B04_MR
81469	ZM_187_B1_B05		ZM_187_B1_B05_MR
81470	ZM_187_B1_B06		ZM_187_B1_B06_MR
81471	ZM_187_B1_B07		ZM_187_B1_B07_MR
81472	ZM_187_B1_B08		ZM_187_B1_B08_MR
81473	ZM_187_B1_B09		ZM_187_B1_B09_MR
81474	ZM_187_B1_B10		ZM_187_B1_B10_MR
81475	ZM_187_B1_B11		ZM_187_B1_B11_MR
81476	ZM_187_B1_C01		ZM_187_B1_C01_MR
81477	ZM_187_B1_C02		ZM_187_B1_C02_MR
81478	ZM_187_B1_C03		ZM_187_B1_C03_MR
81479	ZM_187_B1_C04		ZM_187_B1_C04_MR
81480	ZM_187_B1_C05		ZM_187_B1_C05_MR
81481	ZM_187_B1_C06		ZM_187_B1_C06_MR
81482	ZM_187_B1_C07		ZM_187_B1_C07_MR
81483	ZM_187_B1_C08		ZM_187_B1_C08_MR
81484	ZM_187_B1_C09		ZM_187_B1_C09_MR
81485	ZM_187_B1_C10		ZM_187_B1_C10_MR
81486	ZM_187_B1_C11		ZM_187_B1_C11_MR
81487	ZM_187_B1_C12		ZM_187_B1_C12_MR
81488	ZM_187_B1_D01		ZM_187_B1_D01_MR
81489	ZM_187_B1_D02		ZM_187_B1_D02_MR
81490	ZM_187_B1_D03		ZM_187_B1_D03_MR
81491	ZM_187_B1_D04		ZM_187_B1_D04_MR
81492	ZM_187_B1_D05		ZM_187_B1_D05_MR
81493	ZM_187_B1_D06		ZM_187_B1_D06_MR
81494	ZM_187_B1_D08		ZM_187_B1_D08_MR
81495	ZM_187_B1_D09		ZM_187_B1_D09_MR
81496	ZM_187_B1_D10		ZM_187_B1_D10_MR
81497	ZM_187_B1_D11		ZM_187_B1_D11_MR
81498	ZM_187_B1_D12		ZM_187_B1_D12_MR
81499	ZM_187_B1_E01		ZM_187_B1_E01_MR
81500	ZM_187_B1_E02		ZM_187_B1_E02_MR
81501	ZM_187_B1_E03		ZM_187_B1_E03_MR
81502	ZM_187_B1_E04		ZM_187_B1_E04_MR
81503	ZM_187_B1_E05		ZM_187_B1_E05_MR
81504	ZM_187_B1_E06		ZM_187_B1_E06_MR
81505	ZM_187_B1_E07		ZM_187_B1_E07_MR
81506	ZM_187_B1_E08		ZM_187_B1_E08_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81507	ZM_187_B1_E09		ZM_187_B1_E09_MR
81508	ZM_187_B1_E10		ZM_187_B1_E10_MR
81509	ZM_187_B1_E11		ZM_187_B1_E11_MR
81510	ZM_187_B1_E12		ZM_187_B1_E12_MR
81511	ZM_187_B1_F01		ZM_187_B1_F01_MR
81512	ZM_187_B1_F02		ZM_187_B1_F02_MR
81513	ZM_187_B1_F03		ZM_187_B1_F03_MR
81514	ZM_187_B1_F04		ZM_187_B1_F04_MR
81515	ZM_187_B1_F05		ZM_187_B1_F05_MR
81516	ZM_187_B1_F06		ZM_187_B1_F06_MR
81517	ZM_187_B1_F07		ZM_187_B1_F07_MR
81518	ZM_187_B1_F08		ZM_187_B1_F08_MR
81519	ZM_187_B1_F09		ZM_187_B1_F09_MR
81520	ZM_187_B1_F10		ZM_187_B1_F10_MR
81521	ZM_187_B1_F11		ZM_187_B1_F11_MR
81522	ZM_187_B1_F12		ZM_187_B1_F12_MR
81523	ZM_187_B1_G02		ZM_187_B1_G02_MR
81524	ZM_187_B1_G03		ZM_187_B1_G03_MR
81525	ZM_187_B1_G04		ZM_187_B1_G04_MR
81526	ZM_187_B1_G05		ZM_187_B1_G05_MR
81527	ZM_187_B1_G06		ZM_187_B1_G06_MR
81528	ZM_187_B1_G07		ZM_187_B1_G07_MR
81529	ZM_187_B1_G08		ZM_187_B1_G08_MR
81530	ZM_187_B1_G09		ZM_187_B1_G09_MR
81531	ZM_187_B1_G10		ZM_187_B1_G10_MR
81532	ZM_187_B1_G11		ZM_187_B1_G11_MR
81533	ZM_187_B1_G12		ZM_187_B1_G12_MR
81534	ZM_187_B1_H01		ZM_187_B1_H01_MR
81535	ZM_187_B1_H02		ZM_187_B1_H02_MR
81536	ZM_187_B1_H03		ZM_187_B1_H03_MR
81537	ZM_187_B1_H04		ZM_187_B1_H04_MR
81538	ZM_187_B1_H05		ZM_187_B1_H05_MR
81539	ZM_187_B1_H06		ZM_187_B1_H06_MR
81540	ZM_187_B1_H07		ZM_187_B1_H07_MR
81541	ZM_187_B1_H08		ZM_187_B1_H08_MR
81542	ZM_187_B1_H09		ZM_187_B1_H09_MR
81543	ZM_187_B1_H10		ZM_187_B1_H10_MR
81544	ZM_187_B1_H11		ZM_187_B1_H11_MR
81545	ZM_187_B1_H12		ZM_187_B1_H12_MR
81546	ZM_187_B2_A01		ZM_187_B2_A01_MR
81547	ZM_187_B2_A03		ZM_187_B2_A03_MR
81548	ZM_187_B2_A04		ZM_187_B2_A04_MR
81549	ZM_187_B2_A05		ZM_187_B2_A05_MR
81550	ZM_187_B2_A06		ZM_187_B2_A06_MR
81551	ZM_187_B2_A07		ZM_187_B2_A07_MR
81552	ZM_187_B2_A08		ZM_187_B2_A08_MR
81553	ZM_187_B2_A09		ZM_187_B2_A09_MR
81554	ZM_187_B2_A10		ZM_187_B2_A10_MR
81555	ZM_187_B2_A11		ZM_187_B2_A11_MR
81556	ZM_187_B2_A12		ZM_187_B2_A12_MR
81557	ZM_187_B2_B01		ZM_187_B2_B01_MR
81558	ZM_187_B2_B04		ZM_187_B2_B04_MR
81559	ZM_187_B2_B05		ZM_187_B2_B05_MR
81560	ZM_187_B2_B06		ZM_187_B2_B06_MR
81561	ZM_187_B2_B07		ZM_187_B2_B07_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81562	ZM_187_B2_B08		ZM_187_B2_B08_MR
81563	ZM_187_B2_B09		ZM_187_B2_B09_MR
81564	ZM_187_B2_B10		ZM_187_B2_B10_MR
81565	ZM_187_B2_B11		ZM_187_B2_B11_MR
81566	ZM_187_B2_B12		ZM_187_B2_B12_MR
81567	ZM_187_B2_C01		ZM_187_B2_C01_MR
81568	ZM_187_B2_C02		ZM_187_B2_C02_MR
81569	ZM_187_B2_C03		ZM_187_B2_C03_MR
81570	ZM_187_B2_C04		ZM_187_B2_C04_MR
81571	ZM_187_B2_C05		ZM_187_B2_C05_MR
81572	ZM_187_B2_C06		ZM_187_B2_C06_MR
81573	ZM_187_B2_C07		ZM_187_B2_C07_MR
81574	ZM_187_B2_C08		ZM_187_B2_C08_MR
81575	ZM_187_B2_C09		ZM_187_B2_C09_MR
81576	ZM_187_B2_C10		ZM_187_B2_C10_MR
81577	ZM_187_B2_C11		ZM_187_B2_C11_MR
81578	ZM_187_B2_C12		ZM_187_B2_C12_MR
81579	ZM_187_B2_D01		ZM_187_B2_D01_MR
81580	ZM_187_B2_D02		ZM_187_B2_D02_MR
81581	ZM_187_B2_D03		ZM_187_B2_D03_MR
81582	ZM_187_B2_D04		ZM_187_B2_D04_MR
81583	ZM_187_B2_D05		ZM_187_B2_D05_MR
81584	ZM_187_B2_D06		ZM_187_B2_D06_MR
81585	ZM_187_B2_D07		ZM_187_B2_D07_MR
81586	ZM_187_B2_D08		ZM_187_B2_D08_MR
81587	ZM_187_B2_D09		ZM_187_B2_D09_MR
81588	ZM_187_B2_D10		ZM_187_B2_D10_MR
81589	ZM_187_B2_D11		ZM_187_B2_D11_MR
81590	ZM_187_B2_D12		ZM_187_B2_D12_MR
81591	ZM_187_B2_E01		ZM_187_B2_E01_MR
81592	ZM_187_B2_E02		ZM_187_B2_E02_MR
81593	ZM_187_B2_E03		ZM_187_B2_E03_MR
81594	ZM_187_B2_E04		ZM_187_B2_E04_MR
81595	ZM_187_B2_E05		ZM_187_B2_E05_MR
81596	ZM_187_B2_E06		ZM_187_B2_E06_MR
81597	ZM_187_B2_E07		ZM_187_B2_E07_MR
81598	ZM_187_B2_E08		ZM_187_B2_E08_MR
81599	ZM_187_B2_E09		ZM_187_B2_E09_MR
81600	ZM_187_B2_E10		ZM_187_B2_E10_MR
81601	ZM_187_B2_E11		ZM_187_B2_E11_MR
81602	ZM_187_B2_E12		ZM_187_B2_E12_MR
81603	ZM_187_B2_F01		ZM_187_B2_F01_MR
81604	ZM_187_B2_F02		ZM_187_B2_F02_MR
81605	ZM_187_B2_F03		ZM_187_B2_F03_MR
81606	ZM_187_B2_F04		ZM_187_B2_F04_MR
81607	ZM_187_B2_F05		ZM_187_B2_F05_MR
81608	ZM_187_B2_F07		ZM_187_B2_F07_MR
81609	ZM_187_B2_F08		ZM_187_B2_F08_MR
81610	ZM_187_B2_F09		ZM_187_B2_F09_MR
81611	ZM_187_B2_F10		ZM_187_B2_F10_MR
81612	ZM_187_B2_F11		ZM_187_B2_F11_MR
81613	ZM_187_B2_F12		ZM_187_B2_F12_MR
81614	ZM_187_B2_G01		ZM_187_B2_G01_MR
81615	ZM_187_B2_G02		ZM_187_B2_G02_MR
81616	ZM_187_B2_G03		ZM_187_B2_G03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81617	ZM_187_B2_G04		ZM_187_B2_G04_MR
81618	ZM_187_B2_G05		ZM_187_B2_G05_MR
81619	ZM_187_B2_G06		ZM_187_B2_G06_MR
81620	ZM_187_B2_G07		ZM_187_B2_G07_MR
81621	ZM_187_B2_G08		ZM_187_B2_G08_MR
81622	ZM_187_B2_G09		ZM_187_B2_G09_MR
81623	ZM_187_B2_G10		ZM_187_B2_G10_MR
81624	ZM_187_B2_G11		ZM_187_B2_G11_MR
81625	ZM_187_B2_G12		ZM_187_B2_G12_MR
81626	ZM_187_B2_H01		ZM_187_B2_H01_MR
81627	ZM_187_B2_H02		ZM_187_B2_H02_MR
81628	ZM_187_B2_H03		ZM_187_B2_H03_MR
81629	ZM_187_B2_H04		ZM_187_B2_H04_MR
81630	ZM_187_B2_H05		ZM_187_B2_H05_MR
81631	ZM_187_B2_H06		ZM_187_B2_H06_MR
81632	ZM_187_B2_H07		ZM_187_B2_H07_MR
81633	ZM_187_B2_H08		ZM_187_B2_H08_MR
81634	ZM_187_B2_H09		ZM_187_B2_H09_MR
81635	ZM_187_B2_H11		ZM_187_B2_H11_MR
81636	ZM_187_B2_H12		ZM_187_B2_H12_MR
81637	ZM_188_A2_A01		ZM_188_A2_A01_MR
81638	ZM_188_A2_A11		ZM_188_A2_A11_MR
81639	ZM_188_A2_A12		ZM_188_A2_A12_MR
81640	ZM_188_A2_B12		ZM_188_A2_B12_MR
81641	ZM_188_A2_C01		ZM_188_A2_C01_MR
81642	ZM_188_A2_C04		ZM_188_A2_C04_MR
81643	ZM_188_A2_C08		ZM_188_A2_C08_MR
81644	ZM_188_A2_C11		ZM_188_A2_C11_MR
81645	ZM_188_A2_C12		ZM_188_A2_C12_MR
81646	ZM_188_A2_D03		ZM_188_A2_D03_MR
81647	ZM_188_A2_D04		ZM_188_A2_D04_MR
81648	ZM_188_A2_D07		ZM_188_A2_D07_MR
81649	ZM_188_A2_D11		ZM_188_A2_D11_MR
81650	ZM_188_A2_E01		ZM_188_A2_E01_MR
81651	ZM_188_A2_E06		ZM_188_A2_E06_MR
81652	ZM_188_A2_E09		ZM_188_A2_E09_MR
81653	ZM_188_A2_E10		ZM_188_A2_E10_MR
81654	ZM_188_A2_E11		ZM_188_A2_E11_MR
81655	ZM_188_A2_F03		ZM_188_A2_F03_MR
81656	ZM_188_A2_F07		ZM_188_A2_F07_MR
81657	ZM_188_A2_F09		ZM_188_A2_F09_MR
81658	ZM_188_A2_F10		ZM_188_A2_F10_MR
81659	ZM_188_A2_G02		ZM_188_A2_G02_MR
81660	ZM_188_A2_G09		ZM_188_A2_G09_MR
81661	ZM_188_A2_H10		ZM_188_A2_H10_MR
81662	ZM_188_B1_A05		ZM_188_B1_A05_MR
81663	ZM_188_B1_A07		ZM_188_B1_A07_MR
81664	ZM_188_B1_A08		ZM_188_B1_A08_MR
81665	ZM_188_B1_A09		ZM_188_B1_A09_MR
81666	ZM_188_B1_A10		ZM_188_B1_A10_MR
81667	ZM_188_B1_A11		ZM_188_B1_A11_MR
81668	ZM_188_B1_B02		ZM_188_B1_B02_MR
81669	ZM_188_B1_B03		ZM_188_B1_B03_MR
81670	ZM_188_B1_B04		ZM_188_B1_B04_MR
81671	ZM_188_B1_B05		ZM_188_B1_B05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81672	ZM_188_B1_B06		ZM_188_B1_B06_MR
81673	ZM_188_B1_B07		ZM_188_B1_B07_MR
81674	ZM_188_B1_B08		ZM_188_B1_B08_MR
81675	ZM_188_B1_B09		ZM_188_B1_B09_MR
81676	ZM_188_B1_B10		ZM_188_B1_B10_MR
81677	ZM_188_B1_B11		ZM_188_B1_B11_MR
81678	ZM_188_B1_B12		ZM_188_B1_B12_MR
81679	ZM_188_B1_C01		ZM_188_B1_C01_MR
81680	ZM_188_B1_C02		ZM_188_B1_C02_MR
81681	ZM_188_B1_C03		ZM_188_B1_C03_MR
81682	ZM_188_B1_C04		ZM_188_B1_C04_MR
81683	ZM_188_B1_C05		ZM_188_B1_C05_MR
81684	ZM_188_B1_C06		ZM_188_B1_C06_MR
81685	ZM_188_B1_C07		ZM_188_B1_C07_MR
81686	ZM_188_B1_C08		ZM_188_B1_C08_MR
81687	ZM_188_B1_C09		ZM_188_B1_C09_MR
81688	ZM_188_B1_C10		ZM_188_B1_C10_MR
81689	ZM_188_B1_C11		ZM_188_B1_C11_MR
81690	ZM_188_B1_C12		ZM_188_B1_C12_MR
81691	ZM_188_B1_D01		ZM_188_B1_D01_MR
81692	ZM_188_B1_D02		ZM_188_B1_D02_MR
81693	ZM_188_B1_D03		ZM_188_B1_D03_MR
81694	ZM_188_B1_D04		ZM_188_B1_D04_MR
81695	ZM_188_B1_D06		ZM_188_B1_D06_MR
81696	ZM_188_B1_D07		ZM_188_B1_D07_MR
81697	ZM_188_B1_D08		ZM_188_B1_D08_MR
81698	ZM_188_B1_D09		ZM_188_B1_D09_MR
81699	ZM_188_B1_D10		ZM_188_B1_D10_MR
81700	ZM_188_B1_D11		ZM_188_B1_D11_MR
81701	ZM_188_B1_D12		ZM_188_B1_D12_MR
81702	ZM_188_B1_E01		ZM_188_B1_E01_MR
81703	ZM_188_B1_E02		ZM_188_B1_E02_MR
81704	ZM_188_B1_E03		ZM_188_B1_E03_MR
81705	ZM_188_B1_E04		ZM_188_B1_E04_MR
81706	ZM_188_B1_E05		ZM_188_B1_E05_MR
81707	ZM_188_B1_E06		ZM_188_B1_E06_MR
81708	ZM_188_B1_E07		ZM_188_B1_E07_MR
81709	ZM_188_B1_E08		ZM_188_B1_E08_MR
81710	ZM_188_B1_E10		ZM_188_B1_E10_MR
81711	ZM_188_B1_E11		ZM_188_B1_E11_MR
81712	ZM_188_B1_E12		ZM_188_B1_E12_MR
81713	ZM_188_B1_F01		ZM_188_B1_F01_MR
81714	ZM_188_B1_F03		ZM_188_B1_F03_MR
81715	ZM_188_B1_F05		ZM_188_B1_F05_MR
81716	ZM_188_B1_F06		ZM_188_B1_F06_MR
81717	ZM_188_B1_F07		ZM_188_B1_F07_MR
81718	ZM_188_B1_F08		ZM_188_B1_F08_MR
81719	ZM_188_B1_F09		ZM_188_B1_F09_MR
81720	ZM_188_B1_F10		ZM_188_B1_F10_MR
81721	ZM_188_B1_F11		ZM_188_B1_F11_MR
81722	ZM_188_B1_F12		ZM_188_B1_F12_MR
81723	ZM_188_B1_G01		ZM_188_B1_G01_MR
81724	ZM_188_B1_G02		ZM_188_B1_G02_MR
81725	ZM_188_B1_G03		ZM_188_B1_G03_MR
81726	ZM_188_B1_G04		ZM_188_B1_G04_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81727	ZM_188_B1_G05		ZM_188_B1_G05_MR
81728	ZM_188_B1_G06		ZM_188_B1_G06_MR
81729	ZM_188_B1_G07		ZM_188_B1_G07_MR
81730	ZM_188_B1_G08		ZM_188_B1_G08_MR
81731	ZM_188_B1_G10		ZM_188_B1_G10_MR
81732	ZM_188_B1_G11		ZM_188_B1_G11_MR
81733	ZM_188_B1_G12		ZM_188_B1_G12_MR
81734	ZM_188_B1_H01		ZM_188_B1_H01_MR
81735	ZM_188_B1_H02		ZM_188_B1_H02_MR
81736	ZM_188_B1_H03		ZM_188_B1_H03_MR
81737	ZM_188_B1_H05		ZM_188_B1_H05_MR
81738	ZM_188_B1_H06		ZM_188_B1_H06_MR
81739	ZM_188_B1_H07		ZM_188_B1_H07_MR
81740	ZM_188_B1_H08		ZM_188_B1_H08_MR
81741	ZM_188_B1_H09		ZM_188_B1_H09_MR
81742	ZM_188_B1_H10		ZM_188_B1_H10_MR
81743	ZM_188_B1_H11		ZM_188_B1_H11_MR
81744	ZM_188_B1_H12		ZM_188_B1_H12_MR
81745	ZM_188_B2_A02		ZM_188_B2_A02_MR
81746	ZM_188_B2_A03		ZM_188_B2_A03_MR
81747	ZM_188_B2_A04		ZM_188_B2_A04_MR
81748	ZM_188_B2_A05		ZM_188_B2_A05_MR
81749	ZM_188_B2_A06		ZM_188_B2_A06_MR
81750	ZM_188_B2_A07		ZM_188_B2_A07_MR
81751	ZM_188_B2_A08		ZM_188_B2_A08_MR
81752	ZM_188_B2_A09		ZM_188_B2_A09_MR
81753	ZM_188_B2_A10		ZM_188_B2_A10_MR
81754	ZM_188_B2_A11		ZM_188_B2_A11_MR
81755	ZM_188_B2_A12		ZM_188_B2_A12_MR
81756	ZM_188_B2_B01		ZM_188_B2_B01_MR
81757	ZM_188_B2_B02		ZM_188_B2_B02_MR
81758	ZM_188_B2_B03		ZM_188_B2_B03_MR
81759	ZM_188_B2_B04		ZM_188_B2_B04_MR
81760	ZM_188_B2_B05		ZM_188_B2_B05_MR
81761	ZM_188_B2_B06		ZM_188_B2_B06_MR
81762	ZM_188_B2_B08		ZM_188_B2_B08_MR
81763	ZM_188_B2_B09		ZM_188_B2_B09_MR
81764	ZM_188_B2_B10		ZM_188_B2_B10_MR
81765	ZM_188_B2_B11		ZM_188_B2_B11_MR
81766	ZM_188_B2_C01		ZM_188_B2_C01_MR
81767	ZM_188_B2_C02		ZM_188_B2_C02_MR
81768	ZM_188_B2_C03		ZM_188_B2_C03_MR
81769	ZM_188_B2_C04		ZM_188_B2_C04_MR
81770	ZM_188_B2_C05		ZM_188_B2_C05_MR
81771	ZM_188_B2_C06		ZM_188_B2_C06_MR
81772	ZM_188_B2_C07		ZM_188_B2_C07_MR
81773	ZM_188_B2_C08		ZM_188_B2_C08_MR
81774	ZM_188_B2_C09		ZM_188_B2_C09_MR
81775	ZM_188_B2_C10		ZM_188_B2_C10_MR
81776	ZM_188_B2_C11		ZM_188_B2_C11_MR
81777	ZM_188_B2_C12		ZM_188_B2_C12_MR
81778	ZM_188_B2_D01		ZM_188_B2_D01_MR
81779	ZM_188_B2_D02		ZM_188_B2_D02_MR
81780	ZM_188_B2_D04		ZM_188_B2_D04_MR
81781	ZM_188_B2_D05		ZM_188_B2_D05_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81782	ZM_188_B2_D06		ZM_188_B2_D06_MR
81783	ZM_188_B2_D07		ZM_188_B2_D07_MR
81784	ZM_188_B2_D08		ZM_188_B2_D08_MR
81785	ZM_188_B2_D09		ZM_188_B2_D09_MR
81786	ZM_188_B2_D10		ZM_188_B2_D10_MR
81787	ZM_188_B2_D11		ZM_188_B2_D11_MR
81788	ZM_188_B2_D12		ZM_188_B2_D12_MR
81789	ZM_188_B2_E01		ZM_188_B2_E01_MR
81790	ZM_188_B2_E02		ZM_188_B2_E02_MR
81791	ZM_188_B2_E03		ZM_188_B2_E03_MR
81792	ZM_188_B2_E04		ZM_188_B2_E04_MR
81793	ZM_188_B2_E05		ZM_188_B2_E05_MR
81794	ZM_188_B2_E06		ZM_188_B2_E06_MR
81795	ZM_188_B2_E08		ZM_188_B2_E08_MR
81796	ZM_188_B2_E09		ZM_188_B2_E09_MR
81797	ZM_188_B2_E11		ZM_188_B2_E11_MR
81798	ZM_188_B2_F01		ZM_188_B2_F01_MR
81799	ZM_188_B2_F02		ZM_188_B2_F02_MR
81800	ZM_188_B2_F03		ZM_188_B2_F03_MR
81801	ZM_188_B2_F04		ZM_188_B2_F04_MR
81802	ZM_188_B2_F05		ZM_188_B2_F05_MR
81803	ZM_188_B2_F06		ZM_188_B2_F06_MR
81804	ZM_188_B2_F07		ZM_188_B2_F07_MR
81805	ZM_188_B2_F08		ZM_188_B2_F08_MR
81806	ZM_188_B2_F09		ZM_188_B2_F09_MR
81807	ZM_188_B2_F10		ZM_188_B2_F10_MR
81808	ZM_188_B2_F11		ZM_188_B2_F11_MR
81809	ZM_188_B2_F12		ZM_188_B2_F12_MR
81810	ZM_188_B2_G01		ZM_188_B2_G01_MR
81811	ZM_188_B2_G02		ZM_188_B2_G02_MR
81812	ZM_188_B2_G03		ZM_188_B2_G03_MR
81813	ZM_188_B2_G04		ZM_188_B2_G04_MR
81814	ZM_188_B2_G05		ZM_188_B2_G05_MR
81815	ZM_188_B2_G06		ZM_188_B2_G06_MR
81816	ZM_188_B2_G07		ZM_188_B2_G07_MR
81817	ZM_188_B2_G09		ZM_188_B2_G09_MR
81818	ZM_188_B2_G10		ZM_188_B2_G10_MR
81819	ZM_188_B2_G11		ZM_188_B2_G11_MR
81820	ZM_188_B2_G12		ZM_188_B2_G12_MR
81821	ZM_188_B2_H01		ZM_188_B2_H01_MR
81822	ZM_188_B2_H03		ZM_188_B2_H03_MR
81823	ZM_188_B2_H04		ZM_188_B2_H04_MR
81824	ZM_188_B2_H05		ZM_188_B2_H05_MR
81825	ZM_188_B2_H06		ZM_188_B2_H06_MR
81826	ZM_188_B2_H07		ZM_188_B2_H07_MR
81827	ZM_188_B2_H08		ZM_188_B2_H08_MR
81828	ZM_188_B2_H09		ZM_188_B2_H09_MR
81829	ZM_188_B2_H10		ZM_188_B2_H10_MR
81830	ZM_188_B2_H11		ZM_188_B2_H11_MR
81831	ZM_188_B2_H12		ZM_188_B2_H12_MR
81832	ZM_197_A2_A03	ZM_197_A2_A03_MF	
81833	ZM_197_A2_A04	ZM_197_A2_A04_MF	
81834	ZM_197_A2_A05	ZM_197_A2_A05_MF	
81835	ZM_197_A2_A07	ZM_197_A2_A07_MF	
81836	ZM_197_A2_A08	ZM_197_A2_A08_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81837	ZM_197_A2_A09	ZM_197_A2_A09_MF	
81838	ZM_197_A2_A10	ZM_197_A2_A10_MF	
81839	ZM_197_A2_A11	ZM_197_A2_A11_MF	
81840	ZM_197_A2_A12	ZM_197_A2_A12_MF	
81841	ZM_197_A2_B02	ZM_197_A2_B02_MF	
81842	ZM_197_A2_B03	ZM_197_A2_B03_MF	
81843	ZM_197_A2_B06	ZM_197_A2_B06_MF	
81844	ZM_197_A2_B07	ZM_197_A2_B07_MF	
81845	ZM_197_A2_B08	ZM_197_A2_B08_MF	
81846	ZM_197_A2_B09	ZM_197_A2_B09_MF	
81847	ZM_197_A2_B10	ZM_197_A2_B10_MF	
81848	ZM_197_A2_B11	ZM_197_A2_B11_MF	
81849	ZM_197_A2_B12	ZM_197_A2_B12_MF	
81850	ZM_197_A2_C01	ZM_197_A2_C01_MF	
81851	ZM_197_A2_C02	ZM_197_A2_C02_MF	
81852	ZM_197_A2_C03	ZM_197_A2_C03_MF	
81853	ZM_197_A2_C04	ZM_197_A2_C04_MF	
81854	ZM_197_A2_C05	ZM_197_A2_C05_MF	
81855	ZM_197_A2_C06	ZM_197_A2_C06_MF	
81856	ZM_197_A2_C07	ZM_197_A2_C07_MF	
81857	ZM_197_A2_C08	ZM_197_A2_C08_MF	
81858	ZM_197_A2_C09	ZM_197_A2_C09_MF	
81859	ZM_197_A2_C10	ZM_197_A2_C10_MF	
81860	ZM_197_A2_C11	ZM_197_A2_C11_MF	
81861	ZM_197_A2_C12	ZM_197_A2_C12_MF	
81862	ZM_197_A2_D02	ZM_197_A2_D02_MF	
81863	ZM_197_A2_D03	ZM_197_A2_D03_MF	
81864	ZM_197_A2_D04	ZM_197_A2_D04_MF	
81865	ZM_197_A2_D05	ZM_197_A2_D05_MF	
81866	ZM_197_A2_D06	ZM_197_A2_D06_MF	
81867	ZM_197_A2_D08	ZM_197_A2_D08_MF	
81868	ZM_197_A2_D09	ZM_197_A2_D09_MF	
81869	ZM_197_A2_D10	ZM_197_A2_D10_MF	
81870	ZM_197_A2_D11	ZM_197_A2_D11_MF	
81871	ZM_197_A2_D12	ZM_197_A2_D12_MF	
81872	ZM_197_A2_E01	ZM_197_A2_E01_MF	
81873	ZM_197_A2_E02	ZM_197_A2_E02_MF	
81874	ZM_197_A2_E04	ZM_197_A2_E04_MF	
81875	ZM_197_A2_E05	ZM_197_A2_E05_MF	
81876	ZM_197_A2_E06	ZM_197_A2_E06_MF	
81877	ZM_197_A2_E07	ZM_197_A2_E07_MF	
81878	ZM_197_A2_E08	ZM_197_A2_E08_MF	
81879	ZM_197_A2_E09	ZM_197_A2_E09_MF	
81880	ZM_197_A2_E10	ZM_197_A2_E10_MF	
81881	ZM_197_A2_E11	ZM_197_A2_E11_MF	
81882	ZM_197_A2_E12	ZM_197_A2_E12_MF	
81883	ZM_197_A2_F01	ZM_197_A2_F01_MF	
81884	ZM_197_A2_F02	ZM_197_A2_F02_MF	
81885	ZM_197_A2_F03	ZM_197_A2_F03_MF	
81886	ZM_197_A2_F04	ZM_197_A2_F04_MF	
81887	ZM_197_A2_F05	ZM_197_A2_F05_MF	
81888	ZM_197_A2_F06	ZM_197_A2_F06_MF	
81889	ZM_197_A2_F07	ZM_197_A2_F07_MF	
81890	ZM_197_A2_F08	ZM_197_A2_F08_MF	
81891	ZM_197_A2_F09	ZM_197_A2_F09_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81892	ZM_197_A2_F10	ZM_197_A2_F10_MF	
81893	ZM_197_A2_F11	ZM_197_A2_F11_MF	
81894	ZM_197_A2_F12	ZM_197_A2_F12_MF	
81895	ZM_197_A2_G02	ZM_197_A2_G02_MF	
81896	ZM_197_A2_G05	ZM_197_A2_G05_MF	
81897	ZM_197_A2_G06	ZM_197_A2_G06_MF	
81898	ZM_197_A2_G07	ZM_197_A2_G07_MF	
81899	ZM_197_A2_G08	ZM_197_A2_G08_MF	
81900	ZM_197_A2_G10	ZM_197_A2_G10_MF	
81901	ZM_197_A2_G11	ZM_197_A2_G11_MF	
81902	ZM_197_A2_G12	ZM_197_A2_G12_MF	
81903	ZM_197_A2_H03	ZM_197_A2_H03_MF	
81904	ZM_197_A2_H04	ZM_197_A2_H04_MF	
81905	ZM_197_A2_H05	ZM_197_A2_H05_MF	
81906	ZM_197_A2_H06	ZM_197_A2_H06_MF	
81907	ZM_197_A2_H07	ZM_197_A2_H07_MF	
81908	ZM_197_A2_H08	ZM_197_A2_H08_MF	
81909	ZM_197_A2_H10	ZM_197_A2_H10_MF	
81910	ZM_197_A2_H11	ZM_197_A2_H11_MF	
81911	ZM_198_A2_A02	ZM_198_A2_A02_MF	
81912	ZM_198_A2_A05	ZM_198_A2_A05_MF	
81913	ZM_198_A2_A06	ZM_198_A2_A06_MF	
81914	ZM_198_A2_A08	ZM_198_A2_A08_MF	
81915	ZM_198_A2_A09	ZM_198_A2_A09_MF	
81916	ZM_198_A2_A10	ZM_198_A2_A10_MF	
81917	ZM_198_A2_A11	ZM_198_A2_A11_MF	
81918	ZM_198_A2_A12	ZM_198_A2_A12_MF	
81919	ZM_198_A2_B01	ZM_198_A2_B01_MF	
81920	ZM_198_A2_B02	ZM_198_A2_B02_MF	
81921	ZM_198_A2_B03	ZM_198_A2_B03_MF	
81922	ZM_198_A2_B04	ZM_198_A2_B04_MF	
81923	ZM_198_A2_B06	ZM_198_A2_B06_MF	
81924	ZM_198_A2_B07	ZM_198_A2_B07_MF	
81925	ZM_198_A2_B09	ZM_198_A2_B09_MF	
81926	ZM_198_A2_B10	ZM_198_A2_B10_MF	
81927	ZM_198_A2_B11	ZM_198_A2_B11_MF	
81928	ZM_198_A2_B12	ZM_198_A2_B12_MF	
81929	ZM_198_A2_C01	ZM_198_A2_C01_MF	
81930	ZM_198_A2_C06	ZM_198_A2_C06_MF	
81931	ZM_198_A2_C07	ZM_198_A2_C07_MF	
81932	ZM_198_A2_C08	ZM_198_A2_C08_MF	
81933	ZM_198_A2_C09	ZM_198_A2_C09_MF	
81934	ZM_198_A2_C10	ZM_198_A2_C10_MF	
81935	ZM_198_A2_C12	ZM_198_A2_C12_MF	
81936	ZM_198_A2_D01	ZM_198_A2_D01_MF	
81937	ZM_198_A2_D03	ZM_198_A2_D03_MF	
81938	ZM_198_A2_D04	ZM_198_A2_D04_MF	
81939	ZM_198_A2_D07	ZM_198_A2_D07_MF	
81940	ZM_198_A2_D10	ZM_198_A2_D10_MF	
81941	ZM_198_A2_D11	ZM_198_A2_D11_MF	
81942	ZM_198_A2_D12	ZM_198_A2_D12_MF	
81943	ZM_198_A2_E03	ZM_198_A2_E03_MF	
81944	ZM_198_A2_E04	ZM_198_A2_E04_MF	
81945	ZM_198_A2_E05	ZM_198_A2_E05_MF	
81946	ZM_198_A2_E08	ZM_198_A2_E08_MF	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
81947	ZM_198_A2_E09	ZM_198_A2_E09_MF	
81948	ZM_198_A2_E10	ZM_198_A2_E10_MF	
81949	ZM_198_A2_E11	ZM_198_A2_E11_MF	
81950	ZM_198_A2_E12	ZM_198_A2_E12_MF	
81951	ZM_198_A2_F02	ZM_198_A2_F02_MF	
81952	ZM_198_A2_F03	ZM_198_A2_F03_MF	
81953	ZM_198_A2_F04	ZM_198_A2_F04_MF	
81954	ZM_198_A2_F05	ZM_198_A2_F05_MF	
81955	ZM_198_A2_F07	ZM_198_A2_F07_MF	
81956	ZM_198_A2_F09	ZM_198_A2_F09_MF	
81957	ZM_198_A2_F10	ZM_198_A2_F10_MF	
81958	ZM_198_A2_F11	ZM_198_A2_F11_MF	
81959	ZM_198_A2_F12	ZM_198_A2_F12_MF	
81960	ZM_198_A2_G02	ZM_198_A2_G02_MF	
81961	ZM_198_A2_G03	ZM_198_A2_G03_MF	
81962	ZM_198_A2_G04	ZM_198_A2_G04_MF	
81963	ZM_198_A2_G05	ZM_198_A2_G05_MF	
81964	ZM_198_A2_G06	ZM_198_A2_G06_MF	
81965	ZM_198_A2_G07	ZM_198_A2_G07_MF	
81966	ZM_198_A2_G08	ZM_198_A2_G08_MF	
81967	ZM_198_A2_G11	ZM_198_A2_G11_MF	
81968	ZM_198_A2_G12	ZM_198_A2_G12_MF	
81969	ZM_198_A2_H02	ZM_198_A2_H02_MF	
81970	ZM_198_A2_H03	ZM_198_A2_H03_MF	
81971	ZM_198_A2_H06	ZM_198_A2_H06_MF	
81972	ZM_198_A2_H07	ZM_198_A2_H07_MF	
81973	ZM_198_A2_H08	ZM_198_A2_H08_MF	
81974	ZM_198_A2_H09	ZM_198_A2_H09_MF	
81975	ZM_198_A2_H11	ZM_198_A2_H11_MF	
81976	ZM_37_B1_A01		ZM_37_B1_A01_MR
81977	ZM_37_B1_A03		ZM_37_B1_A03_MR
81978	ZM_37_B1_A05		ZM_37_B1_A05_MR
81979	ZM_37_B1_A06		ZM_37_B1_A06_MR
81980	ZM_37_B1_A07		ZM_37_B1_A07_MR
81981	ZM_37_B1_A09		ZM_37_B1_A09_MR
81982	ZM_37_B1_A10		ZM_37_B1_A10_MR
81983	ZM_37_B1_A11		ZM_37_B1_A11_MR
81984	ZM_37_B1_A12		ZM_37_B1_A12_MR
81985	ZM_37_B1_B01		ZM_37_B1_B01_MR
81986	ZM_37_B1_B02		ZM_37_B1_B02_MR
81987	ZM_37_B1_B03		ZM_37_B1_B03_MR
81988	ZM_37_B1_B04		ZM_37_B1_B04_MR
81989	ZM_37_B1_B05		ZM_37_B1_B05_MR
81990	ZM_37_B1_B06		ZM_37_B1_B06_MR
81991	ZM_37_B1_B07		ZM_37_B1_B07_MR
81992	ZM_37_B1_B08		ZM_37_B1_B08_MR
81993	ZM_37_B1_B10		ZM_37_B1_B10_MR
81994	ZM_37_B1_B11		ZM_37_B1_B11_MR
81995	ZM_37_B1_B12		ZM_37_B1_B12_MR
81996	ZM_37_B1_C01		ZM_37_B1_C01_MR
81997	ZM_37_B1_C02		ZM_37_B1_C02_MR
81998	ZM_37_B1_C03		ZM_37_B1_C03_MR
81999	ZM_37_B1_C04		ZM_37_B1_C04_MR
82000	ZM_37_B1_C05		ZM_37_B1_C05_MR
82001	ZM_37_B1_C06		ZM_37_B1_C06_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
82002	ZM_37_B1_C07		ZM_37_B1_C07_MR
82003	ZM_37_B1_C08		ZM_37_B1_C08_MR
82004	ZM_37_B1_C09		ZM_37_B1_C09_MR
82005	ZM_37_B1_C10		ZM_37_B1_C10_MR
82006	ZM_37_B1_C11		ZM_37_B1_C11_MR
82007	ZM_37_B1_C12		ZM_37_B1_C12_MR
82008	ZM_37_B1_D01		ZM_37_B1_D01_MR
82009	ZM_37_B1_D02		ZM_37_B1_D02_MR
82010	ZM_37_B1_D03		ZM_37_B1_D03_MR
82011	ZM_37_B1_D04		ZM_37_B1_D04_MR
82012	ZM_37_B1_D06		ZM_37_B1_D06_MR
82013	ZM_37_B1_D07		ZM_37_B1_D07_MR
82014	ZM_37_B1_D08		ZM_37_B1_D08_MR
82015	ZM_37_B1_D09		ZM_37_B1_D09_MR
82016	ZM_37_B1_D10		ZM_37_B1_D10_MR
82017	ZM_37_B1_D11		ZM_37_B1_D11_MR
82018	ZM_37_B1_D12		ZM_37_B1_D12_MR
82019	ZM_37_B1_E01		ZM_37_B1_E01_MR
82020	ZM_37_B1_E02		ZM_37_B1_E02_MR
82021	ZM_37_B1_E03		ZM_37_B1_E03_MR
82022	ZM_37_B1_E04		ZM_37_B1_E04_MR
82023	ZM_37_B1_E05		ZM_37_B1_E05_MR
82024	ZM_37_B1_E06		ZM_37_B1_E06_MR
82025	ZM_37_B1_E07		ZM_37_B1_E07_MR
82026	ZM_37_B1_E08		ZM_37_B1_E08_MR
82027	ZM_37_B1_E09		ZM_37_B1_E09_MR
82028	ZM_37_B1_E10		ZM_37_B1_E10_MR
82029	ZM_37_B1_E11		ZM_37_B1_E11_MR
82030	ZM_37_B1_E12		ZM_37_B1_E12_MR
82031	ZM_37_B1_F01		ZM_37_B1_F01_MR
82032	ZM_37_B1_F02		ZM_37_B1_F02_MR
82033	ZM_37_B1_F03		ZM_37_B1_F03_MR
82034	ZM_37_B1_F04		ZM_37_B1_F04_MR
82035	ZM_37_B1_F05		ZM_37_B1_F05_MR
82036	ZM_37_B1_F06		ZM_37_B1_F06_MR
82037	ZM_37_B1_F07		ZM_37_B1_F07_MR
82038	ZM_37_B1_F08		ZM_37_B1_F08_MR
82039	ZM_37_B1_F09		ZM_37_B1_F09_MR
82040	ZM_37_B1_F10		ZM_37_B1_F10_MR
82041	ZM_37_B1_F11		ZM_37_B1_F11_MR
82042	ZM_37_B1_F12		ZM_37_B1_F12_MR
82043	ZM_37_B1_G01		ZM_37_B1_G01_MR
82044	ZM_37_B1_G02		ZM_37_B1_G02_MR
82045	ZM_37_B1_G03		ZM_37_B1_G03_MR
82046	ZM_37_B1_G04		ZM_37_B1_G04_MR
82047	ZM_37_B1_G05		ZM_37_B1_G05_MR
82048	ZM_37_B1_G06		ZM_37_B1_G06_MR
82049	ZM_37_B1_G07		ZM_37_B1_G07_MR
82050	ZM_37_B1_G08		ZM_37_B1_G08_MR
82051	ZM_37_B1_G09		ZM_37_B1_G09_MR
82052	ZM_37_B1_G10		ZM_37_B1_G10_MR
82053	ZM_37_B1_G11		ZM_37_B1_G11_MR
82054	ZM_37_B1_G12		ZM_37_B1_G12_MR
82055	ZM_37_B1_H01		ZM_37_B1_H01_MR
82056	ZM_37_B1_H03		ZM_37_B1_H03_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
82057	ZM_37_B1_H04		ZM_37_B1_H04_MR
82058	ZM_37_B1_H06		ZM_37_B1_H06_MR
82059	ZM_37_B1_H07		ZM_37_B1_H07_MR
82060	ZM_37_B1_H08		ZM_37_B1_H08_MR
82061	ZM_37_B1_H09		ZM_37_B1_H09_MR
82062	ZM_37_B1_H10		ZM_37_B1_H10_MR
82063	ZM_37_B1_H11		ZM_37_B1_H11_MR
82064	ZM_37_B1_H12		ZM_37_B1_H12_MR
82065	ZM_39_B1_A01		ZM_39_B1_A01_MR
82066	ZM_39_B1_A03		ZM_39_B1_A03_MR
82067	ZM_39_B1_A04		ZM_39_B1_A04_MR
82068	ZM_39_B1_A05		ZM_39_B1_A05_MR
82069	ZM_39_B1_A06		ZM_39_B1_A06_MR
82070	ZM_39_B1_A07		ZM_39_B1_A07_MR
82071	ZM_39_B1_A08		ZM_39_B1_A08_MR
82072	ZM_39_B1_A10		ZM_39_B1_A10_MR
82073	ZM_39_B1_A11		ZM_39_B1_A11_MR
82074	ZM_39_B1_B01		ZM_39_B1_B01_MR
82075	ZM_39_B1_B02		ZM_39_B1_B02_MR
82076	ZM_39_B1_B03		ZM_39_B1_B03_MR
82077	ZM_39_B1_B04		ZM_39_B1_B04_MR
82078	ZM_39_B1_B05		ZM_39_B1_B05_MR
82079	ZM_39_B1_B06		ZM_39_B1_B06_MR
82080	ZM_39_B1_B07		ZM_39_B1_B07_MR
82081	ZM_39_B1_B08		ZM_39_B1_B08_MR
82082	ZM_39_B1_B10		ZM_39_B1_B10_MR
82083	ZM_39_B1_B11		ZM_39_B1_B11_MR
82084	ZM_39_B1_B12		ZM_39_B1_B12_MR
82085	ZM_39_B1_C01		ZM_39_B1_C01_MR
82086	ZM_39_B1_C02		ZM_39_B1_C02_MR
82087	ZM_39_B1_C04		ZM_39_B1_C04_MR
82088	ZM_39_B1_C05		ZM_39_B1_C05_MR
82089	ZM_39_B1_C06		ZM_39_B1_C06_MR
82090	ZM_39_B1_C07		ZM_39_B1_C07_MR
82091	ZM_39_B1_C08		ZM_39_B1_C08_MR
82092	ZM_39_B1_C09		ZM_39_B1_C09_MR
82093	ZM_39_B1_C10		ZM_39_B1_C10_MR
82094	ZM_39_B1_C11		ZM_39_B1_C11_MR
82095	ZM_39_B1_C12		ZM_39_B1_C12_MR
82096	ZM_39_B1_D01		ZM_39_B1_D01_MR
82097	ZM_39_B1_D02		ZM_39_B1_D02_MR
82098	ZM_39_B1_D03		ZM_39_B1_D03_MR
82099	ZM_39_B1_D04		ZM_39_B1_D04_MR
82100	ZM_39_B1_D05		ZM_39_B1_D05_MR
82101	ZM_39_B1_D06		ZM_39_B1_D06_MR
82102	ZM_39_B1_D07		ZM_39_B1_D07_MR
82103	ZM_39_B1_D08		ZM_39_B1_D08_MR
82104	ZM_39_B1_D09		ZM_39_B1_D09_MR
82105	ZM_39_B1_D10		ZM_39_B1_D10_MR
82106	ZM_39_B1_D11		ZM_39_B1_D11_MR
82107	ZM_39_B1_D12		ZM_39_B1_D12_MR
82108	ZM_39_B1_E01		ZM_39_B1_E01_MR
82109	ZM_39_B1_E02		ZM_39_B1_E02_MR
82110	ZM_39_B1_E03		ZM_39_B1_E03_MR
82111	ZM_39_B1_E04		ZM_39_B1_E04_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
82112	ZM_39_B1_E05		ZM_39_B1_E05_MR
82113	ZM_39_B1_E06		ZM_39_B1_E06_MR
82114	ZM_39_B1_E07		ZM_39_B1_E07_MR
82115	ZM_39_B1_E10		ZM_39_B1_E10_MR
82116	ZM_39_B1_E11		ZM_39_B1_E11_MR
82117	ZM_39_B1_E12		ZM_39_B1_E12_MR
82118	ZM_39_B1_F01		ZM_39_B1_F01_MR
82119	ZM_39_B1_F02		ZM_39_B1_F02_MR
82120	ZM_39_B1_F03		ZM_39_B1_F03_MR
82121	ZM_39_B1_F04		ZM_39_B1_F04_MR
82122	ZM_39_B1_F05		ZM_39_B1_F05_MR
82123	ZM_39_B1_F06		ZM_39_B1_F06_MR
82124	ZM_39_B1_F07		ZM_39_B1_F07_MR
82125	ZM_39_B1_F08		ZM_39_B1_F08_MR
82126	ZM_39_B1_F11		ZM_39_B1_F11_MR
82127	ZM_39_B1_F12		ZM_39_B1_F12_MR
82128	ZM_39_B1_G02		ZM_39_B1_G02_MR
82129	ZM_39_B1_G03		ZM_39_B1_G03_MR
82130	ZM_39_B1_G04		ZM_39_B1_G04_MR
82131	ZM_39_B1_G06		ZM_39_B1_G06_MR
82132	ZM_39_B1_G07		ZM_39_B1_G07_MR
82133	ZM_39_B1_G08		ZM_39_B1_G08_MR
82134	ZM_39_B1_G09		ZM_39_B1_G09_MR
82135	ZM_39_B1_G10		ZM_39_B1_G10_MR
82136	ZM_39_B1_G11		ZM_39_B1_G11_MR
82137	ZM_39_B1_H01		ZM_39_B1_H01_MR
82138	ZM_39_B1_H03		ZM_39_B1_H03_MR
82139	ZM_39_B1_H04		ZM_39_B1_H04_MR
82140	ZM_39_B1_H05		ZM_39_B1_H05_MR
82141	ZM_39_B1_H06		ZM_39_B1_H06_MR
82142	ZM_39_B1_H07		ZM_39_B1_H07_MR
82143	ZM_39_B1_H08		ZM_39_B1_H08_MR
82144	ZM_39_B1_H09		ZM_39_B1_H09_MR
82145	ZM_39_B1_H10		ZM_39_B1_H10_MR
82146	ZM_39_B1_H11		ZM_39_B1_H11_MR
82147	ZM_39_B1_H12		ZM_39_B1_H12_MR
82148	ZM_41_B1_A01	ZM_41_B1_A01_T7C	
82149	ZM_41_B1_A02	ZM_41_B1_A02_T7C	
82150	ZM_41_B1_A02		ZM_41_B1_A02_MR
82151	ZM_41_B1_A03	ZM_41_B1_A03_T7C	
82152	ZM_41_B1_A04	ZM_41_B1_A04_T7C	
82153	ZM_41_B1_A04		ZM_41_B1_A04_MR
82154	ZM_41_B1_A05	ZM_41_B1_A05_T7C	
82155	ZM_41_B1_A05		ZM_41_B1_A05_MR
82156	ZM_41_B1_A08	ZM_41_B1_A08_T7C	
82157	ZM_41_B1_A08		ZM_41_B1_A08_MR
82158	ZM_41_B1_A09		ZM_41_B1_A09_MR
82159	ZM_41_B1_A10	ZM_41_B1_A10_T7C	
82160	ZM_41_B1_A10		ZM_41_B1_A10_MR
82161	ZM_41_B1_A12		ZM_41_B1_A12_MR
82162	ZM_41_B1_B01	ZM_41_B1_B01_T7C	
82163	ZM_41_B1_B01		ZM_41_B1_B01_MR
82164	ZM_41_B1_B02	ZM_41_B1_B02_T7C	
82165	ZM_41_B1_B03	ZM_41_B1_B03_T7C	
82166	ZM_41_B1_B03		ZM_41_B1_B03_MR



SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
82167	ZM_41_B1_B04	ZM_41_B1_B04_T7C	
82168	ZM_41_B1_B05	ZM_41_B1_B05_T7C	
82169	ZM_41_B1_B05		ZM_41_B1_B05_MR
82170	ZM_41_B1_B06	ZM_41_B1_B06_T7C	
82171	ZM_41_B1_B06		ZM_41_B1_B06_MR
82172	ZM_41_B1_B07	ZM_41_B1_B07_T7C	
82173	ZM_41_B1_B08	ZM_41_B1_B08_T7C	
82174	ZM_41_B1_B08		ZM_41_B1_B08_MR
82175	ZM_41_B1_B09	ZM_41_B1_B09_T7C	
82176	ZM_41_B1_B09		ZM_41_B1_B09_MR
82177	ZM_41_B1_B10	ZM_41_B1_B10_T7C	
82178	ZM_41_B1_B10		ZM_41_B1_B10_MR
82179	ZM_41_B1_B11	ZM_41_B1_B11_T7C	
82180	ZM_41_B1_C01	ZM_41_B1_C01_T7C	
82181	ZM_41_B1_C01		ZM_41_B1_C01_MR
82182	ZM_41_B1_C03	ZM_41_B1_C03_T7C	
82183	ZM_41_B1_C04	ZM_41_B1_C04_T7C	
82184	ZM_41_B1_C04		ZM_41_B1_C04_MR
82185	ZM_41_B1_C05	ZM_41_B1_C05_T7C	
82186	ZM_41_B1_C07	ZM_41_B1_C07_T7C	
82187	ZM_41_B1_C07		ZM_41_B1_C07_MR
82188	ZM_41_B1_C08	ZM_41_B1_C08_T7C	
82189	ZM_41_B1_C08		ZM_41_B1_C08_MR
82190	ZM_41_B1_C09	ZM_41_B1_C09_T7C	
82191	ZM_41_B1_C09		ZM_41_B1_C09_MR
82192	ZM_41_B1_C10		ZM_41_B1_C10_MR
82193	ZM_41_B1_C11	ZM_41_B1_C11_T7C	
82194	ZM_41_B1_C11		ZM_41_B1_C11_MR
82195	ZM_41_B1_C12	ZM_41_B1_C12_T7C	
82196	ZM_41_B1_C12		ZM_41_B1_C12_MR
82197	ZM_41_B1_D01	ZM_41_B1_D01_T7C	
82198	ZM_41_B1_D01		ZM_41_B1_D01_MR
82199	ZM_41_B1_D02	ZM_41_B1_D02_T7C	
82200	ZM_41_B1_D02		ZM_41_B1_D02_MR
82201	ZM_41_B1_D03	ZM_41_B1_D03_T7C	
82202	ZM_41_B1_D03		ZM_41_B1_D03_MR
82203	ZM_41_B1_D04	ZM_41_B1_D04_T7C	
82204	ZM_41_B1_D04		ZM_41_B1_D04_MR
82205	ZM_41_B1_D05	ZM_41_B1_D05_T7C	
82206	ZM_41_B1_D05		ZM_41_B1_D05_MR
82207	ZM_41_B1_D06	ZM_41_B1_D06_T7C	
82208	ZM_41_B1_D07	ZM_41_B1_D07_T7C	
82209	ZM_41_B1_D08	ZM_41_B1_D08_T7C	
82210	ZM_41_B1_D09	ZM_41_B1_D09_T7C	
82211	ZM_41_B1_D10	ZM_41_B1_D10_T7C	
82212	ZM_41_B1_D10		ZM_41_B1_D10_MR
82213	ZM_41_B1_D11	ZM_41_B1_D11_T7C	
82214	ZM_41_B1_D12		ZM_41_B1_D12_MR
82215	ZM_41_B1_E01	ZM_41_B1_E01_T7C	
82216	ZM_41_B1_E01		ZM_41_B1_E01_MR
82217	ZM_41_B1_E02	ZM_41_B1_E02_T7C	
82218	ZM_41_B1_E04	ZM_41_B1_E04_T7C	
82219	ZM_41_B1_E04		ZM_41_B1_E04_MR
82220	ZM_41_B1_E05		ZM_41_B1_E05_MR
82221	ZM_41_B1_E06	ZM_41_B1_E06_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
82222	ZM_41_B1_E08	ZM_41_B1_E08_T7C	
82223	ZM_41_B1_E08		ZM_41_B1_E08_MR
82224	ZM_41_B1_E09	ZM_41_B1_E09_T7C	
82225	ZM_41_B1_E10	ZM_41_B1_E10_T7C	
82226	ZM_41_B1_E10		ZM_41_B1_E10_MR
82227	ZM_41_B1_E12	ZM_41_B1_E12_T7C	
82228	ZM_41_B1_F01	ZM_41_B1_F01_T7C	
82229	ZM_41_B1_F01		ZM_41_B1_F01_MR
82230	ZM_41_B1_F02	ZM_41_B1_F02_T7C	
82231	ZM_41_B1_F02		ZM_41_B1_F02_MR
82232	ZM_41_B1_F03	ZM_41_B1_F03_T7C	
82233	ZM_41_B1_F04	ZM_41_B1_F04_T7C	
82234	ZM_41_B1_F04		ZM_41_B1_F04_MR
82235	ZM_41_B1_F05		ZM_41_B1_F05_MR
82236	ZM_41_B1_F06	ZM_41_B1_F06_T7C	
82237	ZM_41_B1_F07	ZM_41_B1_F07_T7C	
82238	ZM_41_B1_F08	ZM_41_B1_F08_T7C	
82239	ZM_41_B1_F08		ZM_41_B1_F08_MR
82240	ZM_41_B1_F09	ZM_41_B1_F09_T7C	
82241	ZM_41_B1_F09		ZM_41_B1_F09_MR
82242	ZM_41_B1_F10	ZM_41_B1_F10_T7C	
82243	ZM_41_B1_F10		ZM_41_B1_F10_MR
82244	ZM_41_B1_F11	ZM_41_B1_F11_T7C	
82245	ZM_41_B1_F12	ZM_41_B1_F12_T7C	
82246	ZM_41_B1_F12		ZM_41_B1_F12_MR
82247	ZM_41_B1_G01	ZM_41_B1_G01_T7C	
82248	ZM_41_B1_G02	ZM_41_B1_G02_T7C	
82249	ZM_41_B1_G03	ZM_41_B1_G03_T7C	
82250	ZM_41_B1_G04	ZM_41_B1_G04_T7C	
82251	ZM_41_B1_G04		ZM_41_B1_G04_MR
82252	ZM_41_B1_G05	ZM_41_B1_G05_T7C	
82253	ZM_41_B1_G06	ZM_41_B1_G06_T7C	
82254	ZM_41_B1_G07	ZM_41_B1_G07_T7C	
82255	ZM_41_B1_G08	ZM_41_B1_G08_T7C	
82256	ZM_41_B1_G10	ZM_41_B1_G10_T7C	
82257	ZM_41_B1_G10		ZM_41_B1_G10_MR
82258	ZM_41_B1_G11	ZM_41_B1_G11_T7C	
82259	ZM_41_B1_G12	ZM_41_B1_G12_T7C	
82260	ZM_41_B1_H01	ZM_41_B1_H01_T7C	
82261	ZM_41_B1_H01		ZM_41_B1_H01_MR
82262	ZM_41_B1_H02	ZM_41_B1_H02_T7C	
82263	ZM_41_B1_H02		ZM_41_B1_H02_MR
82264	ZM_41_B1_H03	ZM_41_B1_H03_T7C	
82265	ZM_41_B1_H03		ZM_41_B1_H03_MR
82266	ZM_41_B1_H04		ZM_41_B1_H04_MR
82267	ZM_41_B1_H05	ZM_41_B1_H05_T7C	
82268	ZM_41_B1_H05		ZM_41_B1_H05_MR
82269	ZM_41_B1_H06	ZM_41_B1_H06_T7C	
82270	ZM_41_B1_H06		ZM_41_B1_H06_MR
82271	ZM_41_B1_H07	ZM_41_B1_H07_T7C	
82272	ZM_41_B1_H07		ZM_41_B1_H07_MR
82273	ZM_41_B1_H08	ZM_41_B1_H08_T7C	
82274	ZM_41_B1_H09		ZM_41_B1_H09_MR
82275	ZM_41_B1_H10	ZM_41_B1_H10_T7C	
82276	ZM_41_B1_H10		ZM_41_B1_H10_MR

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
82277	ZM_41_B1_H11	ZM_41_B1_H11_T7C	
82278	ZM_41_B1_H11		ZM_41_B1_H11_MR
82279	ZM_41_B1_H12	ZM_41_B1_H12_T7C	
82280	ZM_42_B1_A01	ZM_42_B1_A01_T7C	
82281	ZM_42_B1_A02	ZM_42_B1_A02_T7C	
82282	ZM_42_B1_A03	ZM_42_B1_A03_T7C	
82283	ZM_42_B1_A04	ZM_42_B1_A04_T7C	
82284	ZM_42_B1_A05	ZM_42_B1_A05_T7C	
82285	ZM_42_B1_A06	ZM_42_B1_A06_T7C	
82286	ZM_42_B1_A07	ZM_42_B1_A07_T7C	
82287	ZM_42_B1_A08	ZM_42_B1_A08_T7C	
82288	ZM_42_B1_A09	ZM_42_B1_A09_T7C	
82289	ZM_42_B1_A10	ZM_42_B1_A10_T7C	
82290	ZM_42_B1_A11	ZM_42_B1_A11_T7C	
82291	ZM_42_B1_A12	ZM_42_B1_A12_T7C	
82292	ZM_42_B1_B01	ZM_42_B1_B01_T7C	
82293	ZM_42_B1_B02	ZM_42_B1_B02_T7C	
82294	ZM_42_B1_B03	ZM_42_B1_B03_T7C	
82295	ZM_42_B1_B04	ZM_42_B1_B04_T7C	
82296	ZM_42_B1_B05	ZM_42_B1_B05_T7C	
82297	ZM_42_B1_B06	ZM_42_B1_B06_T7C	
82298	ZM_42_B1_B07	ZM_42_B1_B07_T7C	
82299	ZM_42_B1_B08	ZM_42_B1_B08_T7C	
82300	ZM_42_B1_B09	ZM_42_B1_B09_T7C	
82301	ZM_42_B1_B10	ZM_42_B1_B10_T7C	
82302	ZM_42_B1_B12	ZM_42_B1_B12_T7C	
82303	ZM_42_B1_C01	ZM_42_B1_C01_T7C	
82304	ZM_42_B1_C04	ZM_42_B1_C04_T7C	
82305	ZM_42_B1_C06	ZM_42_B1_C06_T7C	
82306	ZM_42_B1_C07	ZM_42_B1_C07_T7C	
82307	ZM_42_B1_C08	ZM_42_B1_C08_T7C	
82308	ZM_42_B1_C11	ZM_42_B1_C11_T7C	
82309	ZM_42_B1_C12	ZM_42_B1_C12_T7C	
82310	ZM_42_B1_D01	ZM_42_B1_D01_T7C	
82311	ZM_42_B1_D02	ZM_42_B1_D02_T7C	
82312	ZM_42_B1_D03	ZM_42_B1_D03_T7C	
82313	ZM_42_B1_D04	ZM_42_B1_D04_T7C	
82314	ZM_42_B1_D05	ZM_42_B1_D05_T7C	
82315	ZM_42_B1_D07	ZM_42_B1_D07_T7C	
82316	ZM_42_B1_D08	ZM_42_B1_D08_T7C	
82317	ZM_42_B1_D09	ZM_42_B1_D09_T7C	
82318	ZM_42_B1_D10	ZM_42_B1_D10_T7C	
82319	ZM_42_B1_D11	ZM_42_B1_D11_T7C	
82320	ZM_42_B1_D12	ZM_42_B1_D12_T7C	
82321	ZM_42_B1_E01	ZM_42_B1_E01_T7C	
82322	ZM_42_B1_E02	ZM_42_B1_E02_T7C	
82323	ZM_42_B1_E03	ZM_42_B1_E03_T7C	
82324	ZM_42_B1_E04	ZM_42_B1_E04_T7C	
82325	ZM_42_B1_E07	ZM_42_B1_E07_T7C	
82326	ZM_42_B1_E08	ZM_42_B1_E08_T7C	
82327	ZM_42_B1_E09	ZM_42_B1_E09_T7C	
82328	ZM_42_B1_E10	ZM_42_B1_E10_T7C	
82329	ZM_42_B1_E11	ZM_42_B1_E11_T7C	
82330	ZM_42_B1_E12	ZM_42_B1_E12_T7C	
82331	ZM_42_B1_F01	ZM_42_B1_F01_T7C	

SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
82332	ZM_42_B1_F02	ZM_42_B1_F02_T7C	
82333	ZM_42_B1_F03	ZM_42_B1_F03_T7C	
82334	ZM_42_B1_F04	ZM_42_B1_F04_T7C	
82335	ZM_42_B1_F06	ZM_42_B1_F06_T7C	
82336	ZM_42_B1_F07	ZM_42_B1_F07_T7C	
82337	ZM_42_B1_F08	ZM_42_B1_F08_T7C	
82338	ZM_42_B1_F11	ZM_42_B1_F11_T7C	
82339	ZM_42_B1_G01	ZM_42_B1_G01_T7C	
82340	ZM_42_B1_G02	ZM_42_B1_G02_T7C	
82341	ZM_42_B1_G04	ZM_42_B1_G04_T7C	
82342	ZM_42_B1_G05	ZM_42_B1_G05_T7C	
82343	ZM_42_B1_G06	ZM_42_B1_G06_T7C	
82344	ZM_42_B1_G07	ZM_42_B1_G07_T7C	
82345	ZM_42_B1_G08	ZM_42_B1_G08_T7C	
82346	ZM_42_B1_G09	ZM_42_B1_G09_T7C	
82347	ZM_42_B1_G11	ZM_42_B1_G11_T7C	
82348	ZM_42_B1_G12	ZM_42_B1_G12_T7C	
82349	ZM_42_B1_H01	ZM_42_B1_H01_T7C	
82350	ZM_42_B1_H02	ZM_42_B1_H02_T7C	
82351	ZM_42_B1_H03	ZM_42_B1_H03_T7C	
82352	ZM_42_B1_H04	ZM_42_B1_H04_T7C	
82353	ZM_42_B1_H05	ZM_42_B1_H05_T7C	
82354	ZM_42_B1_H06	ZM_42_B1_H06_T7C	
82355	ZM_42_B1_H07	ZM_42_B1_H07_T7C	
82356	ZM_42_B1_H08	ZM_42_B1_H08_T7C	
82357	ZM_42_B1_H09	ZM_42_B1_H09_T7C	
82358	ZM_42_B1_H11	ZM_42_B1_H11_T7C	
82359	ZM_42_B1_H12	ZM_42_B1_H12_T7C	

STC nucleic acid molecules or fragment STC nucleic acid molecules, or BACs or fragments thereof, of the present invention are capable of specifically hybridizing to other nucleic acid molecules under certain circumstances. As used herein, two nucleic acid molecules are said to be capable of specifically hybridizing to one another if the two molecules are capable of forming an anti-parallel, double-stranded nucleic acid structure. A nucleic acid molecule is said to be the "complement" of another nucleic acid molecule if they exhibit complete complementarity. As used herein, molecules are said to exhibit "complete complementarity" when every nucleotide of one of the molecules is complementary to a nucleotide of the other. Two molecules are said to be "minimally complementary" if they can hybridize to one another with sufficient stability to permit them to remain annealed to one another under at least conventional "low-stringency" conditions. Similarly, the molecules are said to be "complementary" if they can hybridize to one another with sufficient stability to permit them to remain annealed to one another under conventional "high-stringency" conditions. Conventional stringency conditions are described by Sambrook *et al.*, *Molecular Cloning, A Laboratory Manual*, 2nd Ed., Cold Spring Harbor Press, Cold Spring Harbor, New York (1989), and by Haymes *et al.*, *Nucleic Acid Hybridization, A Practical Approach*, IRL Press, Washington, DC (1985), the entirety of which is herein incorporated by reference. Departures from complete complementarity are therefore permissible, as long as such departures do not completely preclude the capacity of the molecules to form a double-stranded structure. Thus, in order for an STC nucleic acid molecule, fragment STC nucleic acid molecule, BAC nucleic acid molecule or fragment BAC nucleic acid molecule to serve as a primer or probe it

need only be sufficiently complementary in sequence to be able to form a stable double-stranded structure under the particular solvent and salt concentrations employed.

Appropriate stringency conditions which promote DNA hybridization are, for example, 6.0 x sodium chloride/sodium citrate (SSC) at about 45°C, followed by a wash of 2.0 x SSC at 50°C, are known to those skilled in the art or can be found in *Current Protocols in Molecular Biology*, John Wiley & Sons, N.Y. (1989), 6.3.1-6.3.6. For example, the salt concentration in the wash step can be selected from a low stringency of about 2.0 x SSC at 50°C to a high stringency of about 0.2 x SSC at 50°C. In addition, the temperature in the wash step can be increased from low stringency conditions at room temperature, about 22°C, to high stringency conditions at about 65°C. Both temperature and salt may be varied, or either the temperature or the salt concentration may be held constant while the other variable is changed.

In a preferred embodiment, a nucleic acid of the present invention will specifically hybridize to one or more of the nucleic acid molecules set forth in SEQ ID NO: 1 through SEQ ID NO: 82359 or complements thereof under moderately stringent conditions, for example at about 2.0 x SSC and about 40°C.

In a particularly preferred embodiment, a nucleic acid of the present invention will specifically hybridize to one or more of the nucleic acid molecules set forth in SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof under high stringency conditions. In one aspect of the present invention, the nucleic acid molecules of the present invention have one or more of the nucleic acid sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 82359 or complements thereof. In another aspect of the present invention, one or more of the nucleic acid molecules of the present invention share

between 100% and 90% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 82359 or complements thereof. In a further aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 95% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 82359 or complements thereof. In a more preferred aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 98% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 82359 or complements thereof. In an even more preferred aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 99% sequence identity with one or more of the sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 82359 or complements thereof. In a further, even more preferred aspect of the present invention, one or more of the nucleic acid molecules of the present invention exhibit 100% sequence identity with one or more nucleic acid molecules present within the genomic library herein designated BAC#ZM(Monsanto Company, St. Louis, Missouri, United States of America).

It is understood that the present invention encompasses fragments of such nucleic acid molecules and that such nucleic acid fragments may contain one, part of one, or neither of the defined sequences.

**(i) Nucleic Acid Molecule Markers**

One aspect of the present invention concerns nucleic acid molecules SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof and other nucleic acid

molecules of the present invention, that contain microsatellites, single nucleotide substitutions (SNPs), repetitive elements or parts of repetitive elements or other markers. Microsatellites typically include a 1-6 nucleotide core element within SEQ ID NO:1 through SEQ ID NO: 82359 that are tandemly repeated from one to many thousands of times. A different "allele" occurs at an SSR locus as a result of changes in the number of times a core element is repeated, altering the length of the repeat region, (Brown *et al.*, *Methods of Genome Analysis in Plants*, (ed.) Jauhar, CRC Press, Inc, Boca Raton, Florida, USA; London, England, UK, pp. 147-159, (1996), the entirety of which is herein incorporated by reference). SSR loci occur throughout plant genomes, and specific repeat motifs occur at different levels of abundance than those found in animals. The relative frequencies of all SSRs with repeat units of 1-6 nucleotides have been surveyed. The most abundant SSR is AAAAAT followed by A<sub>n</sub>, AG<sub>n</sub> AAT, AAC, AGC, AAG, AATT, AAAT and AC. On average, 1 SSR is found every 21 and 65 kb in dicots and monocots. Fewer CG nucleotides are found in dicots than in monocots. There is no correlation between abundance of SSRs and nuclear DNA content. The abundance of all tri and tetranucleotide SSR combination jointly have been reported to be equivalent to that of the total di-nucleotide combinations. Mono- di- and tetra-nucleotide repeats are all located in noncoding regions of DNA while 57% of those trinucleotide SSRs containing CG were located within gene coding regions. All repeated trinucleotide SSRs composed entirely of AT are found in noncoding regions, (Brown *et al.*, *Methods of Genome Analysis in Plants*, ed. Jauhar, CRC Press, Inc, Boca Raton, Florida, USA; London, England, UK, pp. 147-159 (1996)).



Microsatellites can be observed in SEQ NO:1 to SEQ NO:82359 or complements thereof by using the BLASTN program to examine sequences for the presence/absence of microsatellites. In this system, raw sequence data is searched through databases, which store SSR markers collected from publications and 692 classes of di-, tri and tetranucleotide repeat markers generated by computer. Microsatellites can also be observed by screening the BAC library of the present invention by colony or plaque hybridization with a labeled probe containing microsatellite markers; isolating positive clones and sequencing the inserts of the positive clones; suitable primers flanking the microsatellite markers.

Single nucleotide polymorphisms (SNPs) are single base changes in genomic DNA sequence. They generally occur at greater frequency than other markers and are spaced with a greater uniformity throughout a genome than other reported forms of polymorphism. The greater frequency and uniformity of SNPs means that there is greater probability that such a polymorphism will be found near or in a genetic locus of interest than would be the case for other polymorphisms. SNPs are located in protein-coding regions and noncoding regions of a genome. Some of these SNPs may result in defective or variant protein expression (*e.g.*, as a result of mutations or defective splicing). Analysis (genotyping) of characterized SNPs can require only a plus/minus assay rather than a lengthy measurement, permitting easier automation.

SNPs can be characterized using any of a variety of methods. Such methods include the direct or indirect sequencing of the site, the use of restriction enzymes (Botstein *et al.*, *Am. J. Hum. Genet.* 32:314-331 (1980), the entirety of which is herein incorporated reference; Konieczny and Ausubel, *Plant J.* 4:403-410 (1993), the entirety

of which is herein incorporated by reference), enzymatic and chemical mismatch assays (Myers *et al.*, *Nature* 313:495-498 (1985), the entirety of which is herein incorporated by reference), allele-specific PCR (Newton *et al.*, *Nucl. Acids Res.* 17:2503-2516 (1989), the entirety of which is herein incorporated by reference; Wu *et al.*, *Proc. Natl. Acad. Sci. USA* 86:2757-2760 (1989), the entirety of which is herein incorporated by reference), ligase chain reaction (Barany, *Proc. Natl. Acad. Sci. USA* 88:189-193 (1991), the entirety of which is herein incorporated by reference), single-strand conformation polymorphism analysis (Labrune *et al.*, *Am. J. Hum. Genet.* 48: 1115-1120 (1991), the entirety of which is herein incorporated by reference), primer-directed nucleotide incorporation assays (Kuppuswami *et al.*, *Proc. Natl. Acad. Sci. USA* 88:1143-1147 (1991), the entirety of which is herein incorporated by reference), dideoxy fingerprinting (Sarkar *et al.*, *Genomics* 13:441-443 (1992), the entirety of which is herein incorporated by reference), solid-phase ELISA-based oligonucleotide ligation assays (Nikiforov *et al.*, *Nucl. Acids Res.* 22:4167-4175 (1994), the entirety of which is herein incorporated by reference), oligonucleotide fluorescence-quenching assays (Livak *et al.*, *PCR Methods Appl.* 4:357-362 (1995a), the entirety of which is herein incorporated by reference), 5'-nuclease allele-specific hybridization TaqMan™ assay (Livak *et al.*, *Nature Genet.* 9:341-342 (1995), the entirety of which is herein incorporated by reference), template-directed dye-terminator incorporation (TDI) assay (Chen and Kwok, *Nucl. Acids Res.* 25:347-353 (1997), the entirety of which is herein incorporated by reference), allele-specific molecular beacon assay (Tyagi *et al.*, *Nature Biotech.* 16: 49-53 (1998), the entirety of which is herein incorporated by reference), PinPoint assay ( Haff and Smirnov, *Genome Res.* 7: 378-388 (1997), the entirety of which is herein incorporated by reference), and dCAPS analysis

(Neff *et al.*, *Plant J.* 14:387-392 (1998), the entirety of which is herein incorporated by reference).

SNPs can be observed by examining sequences of overlapping clones in the BAC library according to the method described by Taillon-Miller *et al.* *Genome Res.* 8:748-754 (1998), the entirety of which is herein incorporated by reference). SNPs can also be observed by screening the BAC library of the present invention by colony or plaque hybridization with a labeled probe containing SNP markers; isolating positive clones and sequencing the inserts of the positive clones; suitable primers flanking the SNP markers.

Genetic markers of the present invention include “dominant” or “codominant” markers. “Codominant markers” reveal the presence of two or more alleles (two per diploid individual) at a locus. “Dominant markers” reveal the presence of only a single allele per locus. The presence of the dominant marker phenotype (*e.g.*, a band of DNA) is an indication that one allele is present in either the homozygous or heterozygous condition. The absence of the dominant marker phenotype (*e.g.*, absence of a DNA band) is merely evidence that “some other” undefined allele is present. In the case of populations where individuals are predominantly homozygous and loci are predominately dimorphic, dominant and codominant markers can be equally valuable. As populations become more heterozygous and multi-allelic, codominant markers often become more informative of the genotype than dominant markers.

In addition to SSRs and SNPs, repetitive elements can be used as markers. For most eukaryotes, interspersed repeat sequence elements are typically mobile genetic elements (Wright *et al.*, *Genetics* 142:569-578 (1996), the entirety of which is herein incorporated by reference). They are ubiquitous in most living organisms and are present

in copy numbers ranging from just a few elements to tens or hundreds or thousands per genome. In the latter case, they can represent a major fraction of the genome. For example, transposable elements have been estimated to make up greater than 50% of the maize genome (Kidwell, and Lisch *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997), the entirety of which is herein incorporated by reference).

Transposable elements are classified in families according to their sequence similarity. Two major classes are distinguished by their differing modes of transposition. Class I elements are retroelements that use reverse transcriptase to transpose by means of an RNA intermediate. They include long terminal repeat retrotransposons and long and short interspersed elements (LINEs and SINES, respectively). Class II elements transpose directly from DNA to DNA and include transposons such as the *Activator-Dissociation* (*Ac-Ds*) family in maize, the *P* element in *Drosophila* and the *Tc-1* element in *Caenorhabditis elegans*. Additionally, a category of transposable elements has been discovered whose transposition mechanism is not yet known. These miniature inverted-repeat transposable elements (*MITEs*) have some properties of both class I and II elements. They are short (100-400 bp in length) and none so far has been found to have any coding potential. They are present in high copy number (3,000-10,000) per genome and have target site preferences for TAA or TA in plants (Kidwell and Lisch, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997)).

Insertion elements are found in two areas of the genome. Some are located in regions distant from gene sequences such as in the heterochromatin or in regions between genes; other repeat elements are found in or near single copy sequences. The insertion of an *Ac-Ds* element into *wx-m9*, an allele of the *waxy* locus in maize is an example of a

repetitive element found within a coding region. The effect of this insertion is attenuated by the loss through splicing of the transposable element after transcription (Kidwell and Lisch, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997)).

The genetic variability resulting from transposable elements ranges from changes in the size and arrangement of whole genomes to changes in single nucleotides. They may produce major effects on phenotypic traits or small silent changes detectable only at the DNA sequence level. Transposable elements may also produce variation when they excise, leaving small footprints of their previous presence (Kidwell and Lisch, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997)).

In addition, other markers such as AFLP markers, RFLP markers, RAPD markers, phenotypic markers or isozyme markers can be utilized (Walton, Seed World 22-29, July, 1993), the entirety of which is herein incorporated by reference; Burow and Blake, *Molecular Dissection of Complex Traits*, 13-29, Eds. Paterson, CRC Press, New York (1988), the entirety of which is herein incorporated by reference). DNA markers can be developed from nucleic acid molecules using restriction endonucleases, the PCR and/or DNA sequence information. RFLP markers result from single base changes or insertions/deletions. These codominant markers are highly abundant in plant genomes, have a medium level of polymorphism and are developed by a combination of restriction endonuclease digestion and Southern blotting hybridization. CAPS are similarly developed from restriction nuclease digestion but only of specific PCR products. These markers are also codominant, have a medium level of polymorphism and are highly abundant in the genome. The CAPS result from single base changes and insertions/deletions. Another marker type, RAPDs, are developed from DNA

amplification with random primers and result from single base changes and insertions/deletions in plant genomes. They are dominant markers with a medium level of polymorphisms and are highly abundant. AFLP markers require using the PCR on a subset of restriction fragments from extended adapter primers. These markers are both dominant and codominant, are highly abundant in genomes and exhibit a medium level of polymorphism. SSRs require DNA sequence information. These codominant markers result from repeat length changes, are highly polymorphic, and do not exhibit as high a degree of abundance in the genome as CAPS, AFLPs and RAPDs. SNPs also require DNA sequence information. These codominant markers result from single base substitutions. They are highly abundant and exhibit a medium of polymorphism (Rafalski *et al.*, In: *Nonmammalian Genomic Analysis*, ed. Birren and Lai, Academic Press, San Diego, CA, pp. 75-134 (1996), the entirety of which is herein incorporated by reference). Methods to isolate such markers are known in the art.

Long Terminal repeat retrotransposons and *MITEs* have been found to be associated with the genes of many plants where some of the transposable elements contribute regulatory sequences. *MITEs* such as the *Tourist* element in maize and the *Stowaway* element in Sorghum are found frequently in the 5' and 3' noncoding regions of genes and are frequently associated with the regulatory regions of genes of diverse flowering plants (Kidwell and Lisch, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997)). It is understood that one or more of the Long Terminal repeat retrotransposons and/or MITES may be a marker, and even more preferably a marker for a gene.

**(ii) Nucleic Acid Molecules Comprising Regulatory Elements**

Another class of agents of the present invention are nucleic acid molecules having promoter regions or partial promoter regions within SEQ ID NO: 1 through SEQ ID NO: 82359 or other nucleic acid molecules of the present invention. Such promoter regions are typically found upstream of the trinucleotide ATG sequence at the start site of a protein coding region.

As used herein, a promoter region is a region of a nucleic acid molecule that is capable, when located in *cis* to a nucleic acid sequence that encodes for a protein or fragment thereof to function in a way that directs expression of one or more mRNA molecules that encodes for the protein or fragment thereof.

Promoters of the present invention can include between about 300 bp upstream and about 10 kb upstream of the trinucleotide ATG sequence at the start site of a protein coding region. Promoters of the present invention can preferably include between about 300 bp upstream and about 5 kb upstream of the trinucleotide ATG sequence at the start site of a protein coding region. Promoters of the present invention can more preferably include between about 300 bp upstream and about 2 kb upstream of the trinucleotide ATG sequence at the start site of a protein coding region. Promoters of the present invention can include between about 300 bp upstream and about 1 kb upstream of the trinucleotide ATG sequence at the start site of a protein coding region. While in many circumstances a 300 bp promoter may be sufficient for expression, additional sequences may act to further regulate expression, for example, in response to biochemical, developmental or environmental signals.

It is also preferred that the promoters of the present invention contain a CAAT and a TATA *cis* element. Moreover, the promoters of the present invention can contain one or more *cis* elements in addition to a CAAT and a TATA box.

By "regulatory element" it is intended a series of nucleotides that determines if, when, and at what level a particular gene is expressed. The regulatory DNA sequences specifically interact with regulatory or other proteins. Many regulatory elements act in *cis* ("*cis* elements") and are believed to affect DNA topology, producing local conformations that selectively allow or restrict access of RNA polymerase to the DNA template or that facilitate selective opening of the double helix at the site of transcriptional initiation. *Cis* elements occur within, but are not limited to promoters, and promoter modulating sequences (inducible elements). *Cis* elements can be identified using known *cis* elements as a target sequence or target motif in the BLAST programs of the present invention.

Promoters of the present invention include homologues of *cis* elements known to effect gene regulation that show homology with the nucleic acid molecules of the present invention. These *cis* elements include, but are not limited to, oxygen responsive *cis* elements (Cowen *et al.*, *J Biol. Chem.* 268(36):26904-26910 (1993) the entirety of which is herein incorporated by reference), light regulatory elements (Bruce and Quail, *Plant Cell* 2 (11):1081-1089 (1990) the entirety of which is herein incorporated by reference; Bruce *et al.*, *EMBO J.* 10:3015-3024 (1991), the entirety of which is herein incorporated by reference; Rocholl *et al.*, *Plant Sci.* 97:189-198 (1994), the entirety of which is herein incorporated by reference; Block *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:5387-5391 (1990), the entirety of which is herein incorporated by reference; Giuliano *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 85:7089-7093 (1988), the entirety of which is herein



incorporated by reference; Staiger *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:6930-6934 (1989), the entirety of which is herein incorporated by reference; Izawa *et al.*, *Plant Cell* 6:1277-1287 (1994), the entirety of which is herein incorporated by reference; Menkens *et al.*, *Trends in Biochemistry* 20:506-510 (1995), the entirety of which is herein incorporated by reference; Foster *et al.*, *FASEB J.* 8:192-200 (1994), the entirety of which is herein incorporated by reference; Plesse *et al.*, *Mol Gen Gene* 254:258-266 (1997), the entirety of which is herein incorporated by reference; Green *et al.*, *EMBO J.* 6:2543-2549 (1987), the entirety of which is herein incorporated by reference; Kuhlemeier *et al.*, *Ann. Rev Plant Physiol.* 38:221-257 (1987), the entirety of which is herein incorporated by reference; Villain *et al.*, *J. Biol. Chem.* 271:32593-32598 (1996), the entirety of which is herein incorporated by reference; Lam *et al.*, *Plant Cell* 2:857-866 (1990), the entirety of which is herein incorporated by reference; Gilmartin *et al.*, *Plant Cell* 2:369-378 (1990), the entirety of which is herein incorporated by reference; Datta *et al.*, *Plant Cell* 1:1069-1077 (1989) the entirety of which is herein incorporated by reference; Gilmartin *et al.*, *Plant Cell* 2:369-378 (1990), the entirety of which is herein incorporated by reference; Castresana *et al.*, *EMBO J.* 7:1929-1936 (1988), the entirety of which is herein incorporated by reference; Ueda *et al.*, *Plant Cell* 1:217-227 (1989), the entirety of which is herein incorporated by reference; Terzaghi *et al.*, *Annu. Rev. Plant Physiol. Plant Mol. Biol.* 46:445-474 (1995), the entirety of which is herein incorporated by reference; Green *et al.*, *EMBO J.* 6:2543-2549 (1987), the entirety of which is herein incorporated by reference; Villain *et al.*, *J. Biol. Chem.* 271:32593-32598 (1996), the entirety of which is herein incorporated by reference; Tjaden *et al.*, *Plant Cell* 6:107-118 (1994), the entirety of which is herein incorporated by reference; Tjaden *et al.*, *Plant Physiol.* 108:1109-1117

(1995), the entirety of which is herein incorporated by reference; Ngai *et al.*, *Plant J.* 12:1021-1234 (1997), the entirety of which is herein incorporated by reference; Bruce *et al.*, *EMBO J.* 10:3015-3024 (1991), the entirety of which is herein incorporated by reference; Ngai *et al.*, *Plant J.* 12:1021-1034 (1997), the entirety of which is herein incorporated by reference), elements responsive to gibberellin, (Muller *et al.*, *J. Plant Physiol.* 145:606-613 (1995), the entirety of which is herein incorporated by reference; Croissant *et al.*, *Plant Science* 116:27-35 (1996), the entirety of which is herein incorporated by reference; Lohmer *et al.*, *EMBO J.* 10:617-624 (1991), the entirety of which is herein incorporated by reference; Rogers *et al.*, *Plant Cell* 4:1443-1451 (1992), the entirety of which is herein incorporated by reference; Lanahan *et al.*, *Plant Cell* 4:203-211 (1992) the entirety of which is herein incorporated by reference; Skriver *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 88:7266-7270 (1991) the entirety of which is herein incorporated by reference; Gilmartin *et al.*, *Plant Cell* 2:369-378 (1990), the entirety of which is herein incorporated by reference; Huang *et al.*, *Plant Mol. Biol.* 14:655-668 (1990), the entirety of which is herein incorporated by reference, Gubler *et al.*, *Plant Cell* 7:1879-1891 (1995), the entirety of which is herein incorporated by reference), elements responsive to abscisic acid, (Busk *et al.*, *Plant Cell* 9:2261-2270 (1997), the entirety of which is herein incorporated by reference; Guiltinan *et al.*, *Science* 250:267-270 (1990), the entirety of which is herein incorporated by reference; Shen *et al.*, *Plant Cell* 7:295-307 (1995) the entirety of which is herein incorporated by reference; Shen *et al.*, *Plant Cell* 8:1107-1119 (1996), the entirety of which is herein incorporated by reference; Seo *et al.*, *Plant Mol. Biol.* 27:1119-1131 (1995), the entirety of which is herein incorporated by reference; Marcotte *et al.*, *Plant Cell* 1:969-976 (1989) the entirety of which is herein

incorporated by reference; Shen *et al.*, *Plant Cell* 7:295-307 (1995), the entirety of which is herein incorporated by reference; Iwasaki *et al.*, *Mol Gen Genet* 247:391-398 (1995), the entirety of which is herein incorporated by reference; Hattori *et al.*, *Genes Dev.* 6:609-618 (1992), the entirety of which is herein incorporated by reference; Thomas *et al.*, *Plant Cell* 5:1401-1410 (1993), the entirety of which is herein incorporated by reference), elements similar to abscisic acid responsive elements, (Ellerstrom *et al.*, *Plant Mol. Biol.* 32:1019-1027 (1996), the entirety of which is herein incorporated by reference), auxin responsive elements (Liu *et al.*, *Plant Cell* 6:645-657 (1994) the entirety of which is herein incorporated by reference; Liu *et al.*, *Plant Physiol.* 115:397-407 (1997), the entirety of which is herein incorporated by reference; Kosugi *et al.*, *Plant J.* 7:877-886 (1995), the entirety of which is herein incorporated by reference; Kosugi *et al.*, *Plant Cell* 9:1607-1619 (1997), the entirety of which is herein incorporated by reference; Ballas *et al.*, *J. Mol. Biol.* 233:580-596 (1993), the entirety of which is herein incorporated by reference), a *cis* element responsive to methyl jasmonate treatment (Beaudoin and Rothstein, *Plant Mol. Biol.* 33:835-846 (1997), the entirety of which is herein incorporated by reference), a *cis* element responsive to abscisic acid and stress response (Straub *et al.*, *Plant Mol. Biol.* 26:617-630 (1994), the entirety of which is herein incorporated by reference), ethylene responsive *cis* elements (Itzhaki *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 91:8925-8929 (1994), the entirety of which is herein incorporated by reference; Montgomery *et al.*, *Proc. Acad. Sci. (U.S.A.)* 90:5939-5943 (1993), the entirety of which is herein incorporated by reference; Sessa *et al.*, *Plant Mol. Biol.* 28:145-153 (1995), the entirety of which is herein incorporated by reference; Shinshi *et al.*, *Plant Mol. Biol.* 27:923-932 (1995), the entirety of which is herein incorporated by

reference), salicylic acid *cis* responsive elements, (Strange *et al.*, *Plant J.* 11:1315-1324 (1997), the entirety of which is herein incorporated by reference; Qin *et al.*, *Plant Cell* 6:863-874 (1994), the entirety of which is herein incorporated by reference), a *cis* element that responds to water stress and abscisic acid (Lam *et al.*, *J. Biol. Chem.* 266:17131-17135 (1991), the entirety of which is herein incorporated by reference; Thomas *et al.*, *Plant Cell* 5:1401-1410 (1993), the entirety of which is herein incorporated by reference; Pla *et al.*, *Plant Mol Biol* 21:259-266 (1993), the entirety of which is herein incorporated by reference), a *cis* element essential for M phase-specific expression (Ito *et al.*, *Plant Cell* 10:331-341 (1998), the entirety of which is herein incorporated by reference), sucrose responsive elements (Huang *et al.*, *Plant Mol. Biol.* 14:655-668 (1990), the entirety of which is herein incorporated by reference; Hwang *et al.*, *Plant Mol Biol* 36:331-341 (1998), the entirety of which is herein incorporated by reference; Grierson *et al.*, *Plant J.* 5:815-826 (1994), the entirety of which is herein incorporated by reference), heat shock response elements (Pelham *et al.*, *Trends Genet.* 1:31-35 (1985), the entirety of which is herein incorporated by reference), elements responsive to auxin and/or salicylic acid and also reported for light regulation (Lam *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:7890-7897 (1989), the entirety of which is herein incorporated by reference; Benfey *et al.*, *Science* 250:959-966 (1990), the entirety of which is herein incorporated by reference), elements responsive to ethylene and salicylic acid (Ohme-Takagi *et al.*, *Plant Mol. Biol.* 15:941-946 (1990), the entirety of which is herein incorporated by reference), elements responsive to wounding and abiotic stress (Loake *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 89:9230-9234 (1992), the entirety of which is herein incorporated by reference; Mhiri *et al.*, *Plant Mol. Biol.* 33:257-266 (1997), the entirety of which is herein

incorporated by reference), antioxidant response elements (Rushmore *et al.*, *J. Biol. Chem.* 266:11632-11639, the entirety of which is herein incorporated by reference; Dalton *et al.*, *Nucleic Acids Res.* 22:5016-5023 (1994), the entirety of which is herein incorporated by reference), Sph elements (Suzuki *et al.*, *Plant Cell* 9:799-807 1997), the entirety of which is herein incorporated reference), Elicitor responsive elements, (Fukuda *et al.*, *Plant Mol. Biol.* 34:81-87 (1997), the entirety of which is herein incorporated by reference; Rushton *et al.*, *EMBO J.* 15:5690-5700 (1996), the entirety of which is herein incorporated by reference), metal responsive elements (Stuart *et al.*, *Nature* 317:828-831 (1985), the entirety of which is herein incorporated by reference; Westin *et al.*, *EMBO J.* 7:3763-3770 (1988), the entirety of which is herein incorporated by reference; Thiele *et al.*, *Nucleic Acids Res.* 20:1183-1191 (1992), the entirety of which is herein incorporated by reference; Faisst *et al.*, *Nucleic Acids Res.* 20:3-26 (1992), the entirety of which is herein incorporated by reference), low temperature responsive elements, (Baker *et al.*, *Plant Mol. Biol.* 24:701-713 (1994), the entirety of which is herein incorporated by reference; Jiang *et al.*, *Plant Mol. Biol.* 30:679-684 (1996), the entirety of which is herein incorporated by reference; Nordin *et al.*, *Plant Mol. Biol.* 21:641-653 (1993), the entirety of which is herein incorporated by reference; Zhou *et al.*, *J. Biol. Chem.* 267:23515-23519 (1992), the entirety of which is herein incorporated by reference), drought responsive elements, (Yamaguchi *et al.*, *Plant Cell* 6:251-264 (1994), the entirety of which is herein incorporated by reference; Wang *et al.*, *Plant Mol. Biol.* 28:605-617 (1995), the entirety of which is herein incorporated by reference; Bray EA, *Trends in Plant Science* 2:48-54 (1997), the entirety of which is herein incorporated by reference) enhancer elements for glutenin, (Colot *et al.*, *EMBO J.* 6:3559-3564 (1987), the entirety

of which is herein incorporated by reference; Thomas *et al.*, *Plant Cell* 2:1171-1180 (1990), the entirety of which is incorporated by reference; Kreis *et al.*, *Philos. Trans. R. Soc. Lond.*, B314:355-365 (1986), the entirety of which is herein incorporated by reference), light-independent regulatory elements, (Lagrange *et al.*, *Plant Cell* 9:1469-1479 (1997), the entirety of which is herein incorporated by reference; Villain *et al.*, *J. Biol. Chem.* 271:32593-32598 (1996), the entirety of which is herein incorporated by reference), OCS enhancer elements, (Bouchez *et al.*, *EMBO J.* 8:4197-4204 (1989), the entirety of which is herein incorporated by reference; Foley *et al.*, *Plant J.* 3:669-679 (1993), the entirety of which is herein incorporated by reference), ACGT elements, (Foster *et al.*, *FASEB J.* 8:192-200 (1994), the entirety of which is herein incorporated by reference; Izawa *et al.*, *Plant Cell* 6:1277-1287 (1994), the entirety of which is herein incorporated by reference; Izawa *et al.*, *J. Mol. Biol.* 230:1131-1144 (1993) the entirety of which is herein incorporated by reference), negative *cis* elements in plastid related genes, (Zhou *et al.*, *J. Biol. Chem.* 267:23515-23519 (1992), the entirety of which is herein incorporated by reference; Lagrange *et al.*, *Mol. Cell Biol.* 13:2614-2622 (1993), the entirety of which is herein incorporated by reference; Lagrange *et al.*, *Plant Cell* 9:1469-1479 (1997), the entirety of which is herein incorporated by reference; Zhou *et al.*, *J. Biol. Chem.* 267:23515-23519 (1992), the entirety of which is herein incorporated by reference), prolamins box elements, (Forde *et al.*, *Nucleic Acids Res.* 13:7327-7339 (1985), the entirety of which is herein incorporated by reference; Colot *et al.*, *EMBO J.* 6:3559-3564 (1987), the entirety of which is herein incorporated by reference; Thomas *et al.*, *Plant Cell* 2:1171-1180 (1990), the entirety of which is herein incorporated by reference; Thompson *et al.*, *Plant Mol. Biol.* 15:755-764 (1990), the entirety of which is

herein incorporated by reference; Vicente *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7685-7690 (1997), the entirety of which is herein incorporated by reference), elements in enhancers from the IgM heavy chain gene (Gillies *et al.*, *Cell* 33:717-728 (1983), the entirety of which is herein incorporated by reference; Whittier *et al.*, *Nucleic Acids Res.* 15:2515-2535 (1987), the entirety of which is herein incorporated by reference).

**(iii) Nucleic Acid Molecules Comprising Genes or Fragments Thereof**

Nucleic acid molecules of the present invention can comprise one or more genes or fragments thereof. Such genes or fragments thereof include homologues of known genes or protein coding regions in other organisms or genes or fragments thereof that elicit only limited or no matches with known genes or protein coding regions.

Genomic sequences can be screened for the presence of protein homologues or genes utilizing one or a number of different search algorithms have that been developed, one example of which are the suite of programs referred to as BLAST programs. Other examples of suitable programs that can be utilized are known in the art, several of which are described above in the Background and under the section titled “Uses of the Agents of the Invention.” In addition, unidentified reading frames may be screened for protein coding regions by prediction software such as GenScan, which is located at <http://gnomic.stanford.edu/GENSCANW.html>.

In a preferred embodiment of the present invention, the maize protein or fragment thereof of the present invention is a homologue of another plant protein. In another preferred embodiment of the present invention, the maize protein or fragment thereof is a homologue of a plant protein. In another preferred embodiment of the present invention, the maize protein or fragment thereof of the present invention is a homologue of a fungal

protein. In another preferred embodiment of the present invention, the maize protein or fragment thereof of the present invention is a homologue of a mammalian protein. In another preferred embodiment of the present invention, the maize protein or fragment thereof of the present invention is a homologue of a bacterial protein. In another preferred embodiment of the present invention, the maize protein or fragment thereof of the present invention is a homologue of an algal protein.

In a preferred embodiment of the present invention, the maize protein or fragments thereof or nucleic acid molecule or fragment thereof has a BLAST score of more than 200, preferably a BLAST score of more than 300, even more preferably a BLAST score of more than 400 with its homologue.

In another preferred embodiment of the present invention, the nucleic acid molecule encoding the maize protein or fragment thereof and/or nucleic acid molecule or fragment thereof exhibits a % identity with its homologue of between about 25% and about 40%, more preferably of between about 40 and about 70%, even more preferably of between about 70% and about 90%, and even more preferably between about 90% and 99%. In another preferred embodiment, of the present invention, the nucleic acid molecule encoding the maize protein or fragment thereof exhibits a % identity with its homologue of 100%.

In a preferred embodiment of the present invention, the maize protein or fragment thereof or nucleic acid molecule or fragment thereof exhibits a % coverage of between about 0 % and about 33%, more preferably of between about 34% and about 66%, and even more preferably of between about 67% and about 100%.



Genomic sequences can be screened for the presence of proteins utilizing one or a number of different search algorithms have that been developed, one example of which are the suite of programs referred to as BLAST programs. Other examples of suitable programs that can be utilized are known in the art, several of which are described above in the Background. Nucleic acid molecules of the present invention also include non-maize homologues. Preferred non-maize homologues are selected from the group consisting of alfalfa, *Arabidopsis* barley, *Brassica*, broccoli, cabbage, citrus, cotton, garlic, oat, oilseed rape, onion, canola, flax, an ornamental plant, rice, pea, peanut, pepper, potato, rice, rye, sorghum, soybean, strawberry, sugarcane, sugarbeet, tomato, wheat, poplar, pine, fir, eucalyptus, apple, lettuce, lentils, grape, banana, tea, turf grasses, sunflower, oil palm, and *Phaseolus*.

In a preferred embodiment, nucleic acid molecules having SEQ ID NO: 1 through SEQ ID NO: 82359 or complements and fragments of either or other nucleic acid molecules of the present invention can be utilized to obtain such homologues.

In another further aspect of the present invention, nucleic acid molecules of the present invention can comprise sequences, which differ from those encoding a protein or fragment thereof in SEQ ID NO: 1 through SEQ ID NO: 82359 due to fact that the different nucleic acid sequence encodes a protein having one or more conservative amino acid changes. It is understood that codons capable of coding for such conservative amino acid substitutions are known in the art.

It is well known in the art that one or more amino acids in a native sequence can be substituted with another amino acid(s), the charge and polarity of which are similar to that of the native amino acid, *i.e.*, a conservative amino acid substitution, resulting in a

silent change. Conserved substitutes for an amino acid within the native polypeptide sequence can be selected from other members of the class to which the naturally occurring amino acid belongs. Amino acids can be divided into the following four groups: (1) acidic amino acids, (2) basic amino acids, (3) neutral polar amino acids, and (4) neutral nonpolar amino acids. Representative amino acids within these various groups include, but are not limited to, (1) acidic (negatively charged) amino acids such as aspartic acid and glutamic acid; (2) basic (positively charged) amino acids such as arginine, histidine, and lysine; (3) neutral polar amino acids such as glycine, serine, threonine, cysteine, cystine, tyrosine, asparagine, and glutamine; and (4) neutral nonpolar (hydrophobic) amino acids such as alanine, leucine, isoleucine, valine, proline, phenylalanine, tryptophan, and methionine.

Conservative amino acid changes within the native polypeptides sequence can be made by substituting one amino acid within one of these groups with another amino acid within the same group. Biologically functional equivalents of the proteins or fragments thereof of the present invention can have ten or fewer conservative amino acid changes, more preferably seven or fewer conservative amino acid changes, and most preferably five or fewer conservative amino acid changes. The encoding nucleotide sequence will thus have corresponding base substitutions, permitting it to encode biologically functional equivalent forms of the proteins or fragments of the present invention.

It is understood that certain amino acids may be substituted for other amino acids in a protein structure without appreciable loss of interactive binding capacity with structures such as, for example, antigen-binding regions of antibodies or binding sites on substrate molecules. Because it is the interactive capacity and nature of a protein that

defines that protein's biological functional activity, certain amino acid sequence substitutions can be made in a protein sequence and, of course, its underlying DNA coding sequence and, nevertheless, obtain a protein with like properties. It is thus contemplated by the inventors that various changes may be made in the peptide sequences of the proteins or fragments of the present invention, or corresponding DNA sequences that encode said peptides, without appreciable loss of their biological utility or activity. It is understood that codons capable of coding for such amino acid changes are known in the art.

In making such changes, the hydropathic index of amino acids may be considered. The importance of the hydropathic amino acid index in conferring interactive biological function on a protein is generally understood in the art (Kyte and Doolittle, *J. Mol. Biol.* 157, 105-132 (1982)). It is accepted that the relative hydropathic character of the amino acid contributes to the secondary structure of the resultant protein, which in turn defines the interaction of the protein with other molecules, for example, enzymes, substrates, receptors, DNA, antibodies, antigens, and the like.

Each amino acid has been assigned a hydropathic index on the basis of its hydrophobicity and charge characteristics (Kyte and Doolittle, *J. Mol. Biol.* 157, 105-132 (1982)); these are isoleucine (+4.5), valine (+4.2), leucine (+3.8), phenylalanine (+2.8), cysteine/cystine (+2.5), methionine (+1.9), alanine (+1.8), glycine (-0.4), threonine (-0.7), serine (-0.8), tryptophan (-0.9), tyrosine (-1.3), proline (-1.6), histidine (-3.2), glutamate (-3.5), glutamine (-3.5), aspartate (-3.5), asparagine (-3.5), lysine (-3.9), and arginine (-4.5).

In making such changes, the substitution of amino acids whose hydropathic indices are within  $\pm 2$  is preferred, those which are within  $\pm 1$  are particularly preferred, and those within  $\pm 0.5$  are even more particularly preferred.

It is also understood in the art that the substitution of like amino acids can be made effectively on the basis of hydrophilicity. U.S. Patent 4,554,101 states that the greatest local average hydrophilicity of a protein, as govern by the hydrophilicity of its adjacent amino acids, correlates with a biological property of the protein.

As detailed in U.S. Patent 4,554,101, the following hydrophilicity values have been assigned to amino acid residues: arginine (+3.0), lysine (+3.0), aspartate (+3.0 $\pm$ 1), glutamate (+3.0 $\pm$ 1), serine (+0.3), asparagine (+0.2), glutamine (+0.2), glycine (0), threonine (-0.4), proline (-0.5 $\pm$ 1), alanine (-0.5), histidine (-0.5), cysteine (-1.0), methionine (-1.3), valine (-1.5), leucine (-1.8), isoleucine (-1.8), tyrosine (-2.3), phenylalanine (-2.5), and tryptophan (-3.4).

In making such changes, the substitution of amino acids whose hydrophilicity values are within  $\pm 2$  is preferred, those which are within  $\pm 1$  are particularly preferred, and those within  $\pm 0.5$  are even more particularly preferred.

In a further aspect of the present invention, one or more of the nucleic acid molecules of the present invention differ in nucleic acid sequence from those encoding a protein or fragment thereof set forth in SEQ ID NO: 1 through SEQ ID NO: 82359 or fragment thereof due to the fact that one or more codons encoding an amino acid has been substituted for a codon that encodes a nonessential substitution of the amino acid originally encoded.

Agents of the invention include nucleic acid molecules that encode at least about a contiguous 10 amino acid region of a protein of the present invention, more preferably at least about a contiguous 25, 40, 50, 100, or 125 amino acid region of a protein of the present invention. In a preferred embodiment the protein is selected from the group consisting of a plant, more preferably a maize protein.

**(iv) Nucleic Acid Molecules Comprising Introns and/or Intron/Exon Junctions**

Nucleic acid molecules of the present invention can comprise an intron and/or one or more intron/exon junction. Sequences of the present invention can be screened for introns and intron/exon junctions utilizing one or a number of different search algorithms that have that been developed, one example of which are the suite of programs referred to as BLAST programs. Other examples of suitable programs that can be utilized are known in the art, several of which are described above in the Background and in the section entitled "Uses of the Agents of the Present Invention."

**(b) Protein and Peptide Molecules**

A class of agents comprises one or more of the protein or peptide molecules encoded by SEQ ID NO: 1 through SEQ ID NO: 82359, fragments thereof or complements thereof or one or more of the proteins encoded by a nucleic acid molecule or fragment thereof or peptide molecules encoded by other nucleic acid agents of the present invention. Protein and peptide molecules can be identified using known protein or peptide molecules as a target sequence or target motif in the BLAST programs of the present invention. In a preferred embodiment, the protein or peptide molecules of the present invention are derived from maize and more preferably maize genotype LH132.

As used herein, the term "protein molecule" or "peptide molecule" includes any molecule that comprises five or more amino acids. It is well known in the art that proteins or peptides may undergo modification, including post-translational modifications, such as, but not limited to, disulfide bond formation, glycosylation, phosphorylation, or oligomerization. Thus, as used herein, the term "protein molecule" or "peptide molecule" includes any protein molecule that is modified by any biological or non-biological process. The terms "amino acid" and "amino acids" refer to all naturally occurring L-amino acids. This definition is meant to include norleucine, ornithine, homocysteine, and homoserine.

One or more of the protein or fragments of peptide molecules may be produced via chemical synthesis, or more preferably, by expression in a suitable bacterial or eukaryotic host. Suitable methods for expression are described by Sambrook *et al.*, *Molecular Cloning, A Laboratory Manual, 2nd Edition*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1989), or similar texts.

A "protein fragment" is a peptide or polypeptide molecule whose amino acid sequence comprises a subset of the amino acid sequence of that protein. A protein or fragment thereof that comprises one or more additional peptide regions not derived from that protein is a "fusion" protein. Such molecules may be derivatized to contain carbohydrate or other moieties (such as keyhole limpet hemocyanin, etc.). Fusion protein or peptide molecules of the present invention are preferably produced via recombinant means.

Another class of agents comprises protein or peptide molecules encoded by SEQ ID NO: 1 through SEQ ID NO: 82359 or complements thereof or, fragments or fusions

thereof in which conservative, non-essential, or not relevant, amino acid residues have been added, replaced, or deleted. An example of such a homologue is the homologue protein of all non-maize plant species, including but not limited to alfalfa, barley, *Brassica*, broccoli, cabbage, citrus, cotton, garlic, oat, oilseed rape, onion, canola, flax, an ornamental plant, pea, peanut, pepper, potato, rice, rye, sorghum, soybean, strawberry, sugarcane, sugarbeet, tomato, wheat, poplar, pine, fir, eukalyptus, apple, lettuce, peas, lentils, grape, banana, tea, turf grasses, etc. Particularly preferred non-maize plants to utilize for the isolation of homologues would include alfalfa, barley, cotton, oat, oilseed rape, rice, canola, ornamentals, sugarcane, sugarbeet, tomato, potato, wheat, and turf grasses. Such a homologue can be obtained by any of a variety of methods. Most preferably, as indicated above, one or more of the disclosed sequences (SEQ ID NO: 1 through SEQ ID NO: 82359 or complements thereof) will be used to define a pair of primers that may be used to isolate the homologue-encoding nucleic acid molecules from any desired species. Such molecules can be expressed to yield homologues by recombinant means.

### (c) Antibodies

One aspect of the present invention concerns antibodies, single-chain antigen binding molecules, or other proteins that specifically bind to one or more of the protein or peptide molecules of the present invention and their homologues, fusions or fragments. Such antibodies may be used to quantitatively or qualitatively detect the protein or peptide molecules of the present invention. As used herein, an antibody or peptide is said to “specifically bind” to a protein or peptide molecule of the present invention if such binding is not competitively inhibited by the presence of non-related molecules. In a

preferred embodiment the antibodies of the present invention bind to proteins derived from maize and more preferably bind to proteins or fragments thereof of maize (LH132).

Nucleic acid molecules that encode all or part of the protein of the present invention can be expressed, via recombinant means, to yield protein or peptides that can in turn be used to elicit antibodies that are capable of binding the expressed protein or peptide. Such antibodies may be used in immunoassays for that protein. Such protein-encoding molecules, or their fragments may be a "fusion" molecule (*i.e.*, a part of a larger nucleic acid molecule) such that, upon expression, a fusion protein is produced. It is understood that any of the nucleic acid molecules of the present invention may be expressed, via recombinant means, to yield proteins or peptides encoded by these nucleic acid molecules.

The antibodies that specifically bind proteins and protein fragments of the present invention may be polyclonal or monoclonal, and may comprise intact immunoglobulins, or antigen binding portions of immunoglobulins (such as (F(ab'), F(ab')<sub>2</sub> fragments), or single-chain immunoglobulins producible, for example, via recombinant means). It is understood that practitioners are familiar with the standard resource materials which describe specific conditions and procedures for the construction, manipulation and isolation of antibodies (see, for example, Harlow and Lane, *Antibodies: A Laboratory Manual*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1988), the entirety of which is herein incorporated by reference).

Murine monoclonal antibodies are particularly preferred. BALB/c mice are preferred for this purpose, however, equivalent strains may also be used. The animals are preferably immunized with approximately 25 µg of purified protein (or fragment thereof)



that has been emulsified in a suitable adjuvant (such as TiterMax adjuvant (Vaxcel, Norcross, GA)). Immunization is preferably conducted at two intramuscular sites, one intraperitoneal site, and one subcutaneous site at the base of the tail. An additional i.v. injection of approximately 25  $\mu$ g of antigen is preferably given in normal saline three weeks later. After approximately 11 days following the second injection, the mice may be bled and the blood screened for the presence of anti-protein or peptide antibodies. Preferably, a direct binding Enzyme-Linked Immunoassay (ELISA) is employed for this purpose.

More preferably, the mouse having the highest antibody titer is given a third i.v. injection of approximately 25  $\mu$ g of the same protein or fragment. The splenic leukocytes from this animal may be recovered 3 days later, and are then permitted to fuse, most preferably, using polyethylene glycol, with cells of a suitable myeloma cell line (such as, for example, the P3X63Ag8.653 myeloma cell line). Hybridoma cells are selected by culturing the cells under "HAT" (hypoxanthine-aminopterin-thymine) selection for about one week. The resulting clones may then be screened for their capacity to produce monoclonal antibodies ("mAbs"), preferably by direct ELISA.

In one embodiment, anti-protein or peptide monoclonal antibodies are isolated using a fusion of a protein, protein fragment, or peptide of the present invention, or conjugate of a protein, protein fragment, or peptide of the present invention, as immunogens. Thus, for example, a group of mice can be immunized using a fusion protein emulsified in Freund's complete adjuvant (*e.g.*, approximately 50  $\mu$ g of antigen per immunization). At three week intervals, an identical amount of antigen is emulsified in Freund's incomplete adjuvant and used to immunize the animals. Ten days following

the third immunization, serum samples are taken and evaluated for the presence of antibody. If antibody titers are too low, a fourth booster can be employed. Polysera capable of binding the protein or peptide can also be obtained using this method.

In a preferred procedure for obtaining monoclonal antibodies, the spleens of the above-described immunized mice are removed, disrupted, and immune splenocytes are isolated over a ficoll gradient. The isolated splenocytes are fused, using polyethylene glycol with BALB/c-derived HGPRT (hypoxanthine guanine phosphoribosyl transferase) deficient P3x63xAg8.653 plasmacytoma cells. The fused cells are plated into 96-well microtiter plates and screened for hybridoma fusion cells by their capacity to grow in culture medium supplemented with hypoxanthine, aminopterin and thymidine for approximately 2-3 weeks.

Hybridoma cells that arise from such incubation are preferably screened for their capacity to produce an immunoglobulin that binds to a protein of interest. An indirect ELISA may be used for this purpose. In brief, the supernatants of hybridomas are incubated in microtiter wells that contain immobilized protein. After washing, the titer of bound immunoglobulin can be determined using, for example, a goat anti-mouse antibody conjugated to horseradish peroxidase. After additional washing, the amount of immobilized enzyme is determined (for example through the use of a chromogenic substrate). Such screening is performed as quickly as possible after the identification of the hybridoma in order to ensure that a desired clone is not overgrown by non-secreting neighbors. Desirably, the fusion plates are screened several times since the rates of hybridoma growth vary. In a preferred embodiment, a different antigenic form of immunogen may be used to screen the hybridoma. Thus, for example, the splenocytes

may be immunized with one immunogen, but the resulting hybridomas can be screened using a different immunogen. It is understood that any of the protein or peptide molecules of the present invention may be used to raise antibodies.

As discussed below, such antibody molecules or their fragments may be used for diagnostic purposes. Where the antibodies are intended for diagnostic purposes, it may be desirable to derivatize them, for example with a ligand group (such as biotin) or a detectable marker group (such as a fluorescent group, a radioisotope or an enzyme).

The ability to produce antibodies that bind the protein or peptide molecules of the present invention permits the identification of mimetic compounds of those molecules. A “mimetic compound” is a compound that is not that compound, or a fragment of that compound, but which nonetheless exhibits an ability to specifically bind to antibodies directed against that compound.

It is understood that any of the agents of the present invention can be substantially purified and/or be biologically active and/or recombinant.

### **Uses of the Agents of the Invention**

Nucleic acid molecules and fragments thereof of the present invention may be employed for genetic mapping studies using linkage analysis (genetic markers). A genetic linkage map shows the relative locations of specific DNA markers along a chromosome. Maps are used for the identification of genes associated with genetic diseases or phenotypic traits, comparative genomics, and as a guide for physical mapping. Through genetic mapping, a fine scale linkage map can be developed using DNA markers, and, then, a genomic DNA library of large-sized fragments can be screened with molecular markers linked to the desired trait. In a preferred embodiment of the present

invention, the genomic library screened with the nucleic acid molecules of the present invention is a genomic library of maize.

Mapping marker locations is based on the observation that two markers located near each other on the same chromosome will tend to be passed together from parent to offspring. During gamete production, DNA strands occasionally break and rejoin in different places on the same chromosome or on the homologous chromosome. The closer the markers are to each other, the more tightly linked and the less likely a recombination event will fall between and separate them. Recombination frequency thus provides an estimate of the distance between two markers.

In segregating populations, target genes have been reported to have been placed within an interval of 5-10 cM with a high degree of certainty (Tanksley *et al.*, *Trends in Genetics* 11(2):63-68 (1995), the entirety of which is herein incorporated by reference). The markers defining this interval are used to screen a larger segregating population to identify individuals derived from one or more gametes containing a crossover in the given interval. Such individuals are useful in orienting other markers closer to the target gene. Once identified, these individuals can be analyzed in relation to all molecular markers within the region to identify those closest to the target.

Markers of the present invention can be employed to construct linkage maps and to locate genes with qualitative and quantitative effects. The genetic linkage of additional marker molecules can be established by a genetic mapping model such as, without limitation, the flanking marker model reported by Lander and Botstein, *Genetics*, 121:185-199 (1989), and the interval mapping, based on maximum likelihood methods described by Lander and Botstein, *Genetics*, 121:185-199 (1989), the entirety of which is

herein incorporated by reference and implemented in the software package MAPMAKER/QTL (Lincoln and Lander, *Mapping Genes Controlling Quantitative Traits Using MAPMAKER/QTL*, Whitehead Institute for Biomedical Research, Massachusetts, (1990)). Additional software includes Qgene, Version 2.23 (1996), Department of Plant Breeding and Biometry, 266 Emerson Hall, Cornell University, Ithaca, NY, the manual of which is herein incorporated by reference in its entirety). Use of the Qgene software is a particularly preferred approach.

A maximum likelihood estimate (MLE) for the presence of a marker is calculated, together with an MLE assuming no QTL effect, to avoid false positives. A  $\log_{10}$  of an odds ratio (LOD) is then calculated as:  $\text{LOD} = \log_{10} (\text{MLE for the presence of a QTL} / \text{MLE given no linked QTL})$ .

The LOD score essentially indicates how much more likely the data are to have arisen assuming the presence of a QTL than in its absence. The LOD threshold value for avoiding a false positive with a given confidence, say 95%, depends on the number of markers and the length of the genome. Graphs indicating LOD thresholds are set forth in Lander and Botstein, *Genetics*, 121:185-199 (1989), the entirety of which is herein incorporated by reference and further described by Arús and Moreno-González, *Plant Breeding*, Hayward, Rosemark, Romagosa (eds.) Chapman & Hall, London, pp. 314-331 (1993).

Additional models can be used. Many modifications and alternative approaches to interval mapping have been reported, including the use of non-parametric methods (Kruglyak and Lander, *Genetics*, 139:1421-1428 (1995), the entirety of which is herein incorporated by reference). Multiple regression methods or models can be also be used,

in which the trait is regressed on a large number of markers (Jansen, *Biometrics in Plant Breed*, van Oijen, Jansen (eds.) Proceedings of the Ninth Meeting of the Eucarpia Section Biometrics in Plant Breeding, The Netherlands, pp. 116-124 (1994); Weber and Wricke, *Advances in Plant Breeding*, Blackwell, Berlin, 16 (1994). Procedures combining interval mapping with regression analysis, whereby the phenotype is regressed onto a single putative QTL at a given marker interval, and at the same time onto a number of markers that serve as 'cofactors,' have been reported by Jansen and Stam, *Genetics*, 136:1447-1455 (1994) and Zeng, *Genetics*, 136:1457-1468 (1994). Generally, the use of cofactors reduces the bias and sampling error of the estimated QTL positions (Utz and Melchinger, *Biometrics in Plant Breeding*, van Oijen, Jansen (eds.) Proceedings of the Ninth Meeting of the Eucarpia Section Biometrics in Plant Breeding, The Netherlands, pp.195-204 (1994), thereby improving the precision and efficiency of QTL mapping (Zeng, *Genetics*, 136:1457-1468 (1994). These models can be extended to multi-environment experiments to analysis genotype-environment interactions (Jansen *et al.*, *Theo. Appl. Genet.* 91:33-37 (1995).

Selection of an appropriate mapping population is important to map construction. The choice of appropriate mapping population depends on the type of marker systems employed (Tanksley *et al.*, J.P. Gustafson and R. Appels (eds.), Plenum Press, New York, pp. 157-173 (1988), the entirety of which is herein incorporated by reference). Consideration must be given to the source of parents (adapted vs. exotic) used in the mapping population. Chromosome pairing and recombination rates can be severely disturbed (suppressed) in wide crosses (adapted x exotic) and generally yield greatly reduced linkage distances. Wide crosses will usually provide segregating populations

with a relatively large array of polymorphisms when compared to progeny in a narrow cross (adapted x adapted).

An  $F_2$  population is the first generation of selfing after the hybrid seed is produced. Usually a single  $F_1$  plant is selfed to generate a population segregating for all the genes in Mendelian (1:2:1) fashion. Maximum genetic information is obtained from a completely classified  $F_2$  population using a codominant marker system (Mather, Measurement of Linkage in Heredity: Methuen and Co., (1938), the entirety of which is herein incorporated by reference). In the case of dominant markers, progeny tests (*e.g.*,  $F_3$ ,  $BCF_2$ ) are required to identify the heterozygotes, thus making it equivalent to a completely classified  $F_2$  population. However, this procedure is often prohibitive because of the cost and time involved in progeny testing. Progeny testing of  $F_2$  individuals is often used in map construction where phenotypes do not consistently reflect genotype (*e.g.*, disease resistance) or where trait expression is controlled by a QTL. Segregation data from progeny test populations (*e.g.*,  $F_3$  or  $BCF_2$ ) can be used in map construction. Marker-assisted selection can then be applied to cross progeny based on marker-trait map associations ( $F_2$ ,  $F_3$ ), where linkage groups have not been completely disassociated by recombination events (*i.e.*, maximum disequilibrium).

Recombinant inbred lines (RIL) (genetically related lines; usually  $>F_5$ , developed from continuously selfing  $F_2$  lines towards homozygosity) can be used as a mapping population. Information obtained from dominant markers can be maximized by using RIL because all loci are homozygous or nearly so. Under conditions of tight linkage (*i.e.*, about  $<10\%$  recombination), dominant and co-dominant markers evaluated in RIL populations provide more information per individual than either marker type in backcross

populations (Reiter, *Proc. Natl. Acad. Sci. (U.S.A.)* 89:1477-1481 (1992). However, as the distance between markers becomes larger (*i.e.*, loci become more independent), the information in RIL populations decreases dramatically when compared to codominant markers.

Backcross populations (*e.g.*, generated from a cross between a successful variety (recurrent parent) and another variety (donor parent) carrying a trait not present in the former) can be utilized as a mapping population. A series of backcrosses to the recurrent parent can be made to recover most of its desirable traits. Thus a population is created consisting of individuals nearly like the recurrent parent but each individual carries varying amounts or mosaic of genomic regions from the donor parent. Backcross populations can be useful for mapping dominant markers if all loci in the recurrent parent are homozygous and the donor and recurrent parent have contrasting polymorphic marker alleles (Reiter *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 89:1477-1481 (1992). Information obtained from backcross populations using either codominant or dominant markers is less than that obtained from F<sub>2</sub> populations because one, rather than two, recombinant gametes are sampled per plant. Backcross populations, however, are more informative (at low marker saturation) when compared to RILs as the distance between linked loci increases in RIL populations (*i.e.*, about 0.15% recombination). Increased recombination can be beneficial for resolution of tight linkages, but may be undesirable in the construction of maps with low marker saturation.

Near-isogenic lines (NIL)(created by many backcrosses to produce an array of individuals that are nearly identical in genetic composition except for the trait or genomic



region under interrogation) can be used as a mapping population. In mapping with NILs, only a portion of the polymorphic loci are expected to map to a selected region.

Bulk segregant analysis (BSA) is a method developed for the rapid identification of linkage between markers and traits of interest (Michelmore *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 88:9828-9832 (1991). In BSA, two bulked DNA samples are drawn from a segregating population originating from a single cross. These bulks contain individuals that are identical for a particular trait (resistant or susceptible to particular disease) or genomic region but arbitrary at unlinked regions (*i.e.*, heterozygous). Regions unlinked to the target region will not differ between the bulked samples of many individuals in BSA.

Applications for markers in plant breeding include: Quantitative Trait Loci (QTL) mapping (Edwards *et al.*, *Genetics* 116:113-115 (1987), the entirety of which is herein incorporated by reference); Nienhuis *et al.*, *Crop Sci.* 27:797-803 (1987); Osborn *et al.*, *Theor. Appl. Genet.* 73:350-356 (1987); Romero-Severson *et al.*, *Use of RFLPs In Analysis of Quantitative Trait Loci In Maize*, In Helentjaris and Burr (eds.) pp. 97-102 (1989), the entirety of which is herein incorporated by reference; Young *et al.*, *Genetics* 120:570-585 (1988), the entirety of which is herein incorporated by reference; Martin *et al.*, *Science* 243:1725-1728 (1989), the entirety of which is herein incorporated by reference); Sarfatti *et al.*, *Theor. Appl. Genet.* 78:22-26 (1989), the entirety of which is herein incorporated by reference; Tanksley *et al.*, *Biotech.* 7:257-264 (1989); Barone *et al.*, *Mol. Gen. Genet.* 224:177-182 (1990), the entirety of which is herein incorporated by reference); Jung *et al.*, *Theor. Appl. Genet.* 79:663-672 (1990), the entirety of which is herein incorporated by reference; Keim *et al.*, *Genetics* 126:735-742 (1990), the entirety

of which is herein incorporated by reference, *Theor. Appl. Genet.* 79:465-369 (1990), the entirety of which is herein incorporated by reference; Paterson *et al.*, *Genetics* 124:735-742 (1990), the entirety of which is herein incorporated by reference; Martin *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 88:2336-2340 (1991), the entirety of which is herein incorporated by reference; Messeguer *et al.*, *Theor. Appl. Genet.* 82:529-536 (1991), the entirety of which is herein incorporated by reference; Michelmore *et al.*, *Proc Natl. Acad. Sci. (U.S.A.)* 88:9828-9832 (1991), the entirety of which is herein incorporated by reference; Ottaviano *et al.*, *Theor. Appl. Genet.* 81:713-719 (1991), the entirety of which is herein incorporated by reference; Yu *et al.*, *Theor. Appl. Genet.* 81:471-476 (1991), the entirety of which is herein incorporated by reference; Diers *et al.*, *Crop Sci.* 32:77-383 (1992), the entirety of which is herein incorporated by reference, *Theor. Appl. Genet.* 83:608-612 (1992), the entirety of which is herein incorporated by reference, *J. Plant Nut.* 15:2127-2136 (1992), the entirety of which is herein incorporated by reference; Doebley *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:9888-9892 (1990), the entirety of which is herein incorporated by reference), screening genetic resource strains for useful quantitative trait alleles and introgression of these alleles into commercial varieties (Beckmann and Soller, *Theor. Appl. Genet.* 67:35-43 (1983), the entirety of which is herein incorporated by reference; Tanksley *et al.*, (1989) the entirety of which is incorporated by reference), or the mapping of mutations ( Rafalski *et al.*, In: *Nonmammalian Genomic Analysis*, ed. Birren and Lai, Academic Press, San Diego, CA, pp. 75-134 (1996). Additionally, markers can be used to characterize transformants or germplasm, as a genetic diagnostic test for plant breeding or to identify individuals or varieties (Soller and Beckmann, *Theor. Appl. Genet.* 67:25-33 (1983), the entirety of which is herein incorporated by reference;

Tanksley *et al.*, 1989). Markers also can be used to obtain information about: (1) the number, effect, and chromosomal location of each gene affecting a trait; (2) effects of multiple copies of individual genes (gene dosage); (3) interaction between/among genes controlling a trait (epistasis); (4) whether individual genes affect more than one trait (pleiotropy); and (5) stability of gene function across environments (G x E interactions).

It is understood that one or more of the nucleic acid molecules of the present invention may in one embodiment be used as markers in genetic mapping. In a preferred embodiment, nucleic acid molecules of the present invention may in one embodiment be used as markers with maize.

The nucleic acid molecules of the present invention may be used for physical mapping. Physical mapping, in conjunction with linkage analysis, can enable the isolation of genes. Physical mapping has been reported to identify the markers closest in terms of genetic recombination to a gene target for cloning. Once a DNA marker is linked to a gene of interest, the chromosome walking technique can be used to find the genes via overlapping clones. For chromosome walking, random molecular markers or established molecular linkage maps are used to conduct a search to localize the gene adjacent to one or more markers. A chromosome walk (Bukanov and Berg, *Mo. Microbiol.*, 11:509-523 (1994), the entirety of which is herein incorporated by reference; Birkenbihl and Vielmetter *Nucleic Acids Res.* 17:5057-5069 (1989), the entirety of which is herein incorporated by reference; Wenzel and Herrmann, *Nucleic Acids Res.* 16:8323-8336, (1988), the entirety of which is herein incorporated by reference) is then initiated from the closest linked marker. Starting from the selected clones, labeled probes specific for the ends of the insert DNA are synthesized and used as probes in hybridizations

against a representative library. Clones hybridizing with one of the probes are picked and serve as templates for the synthesis of new probes; by subsequent analysis, contigs are produced.

The degree of overlap of the hybridizing clones used to produce a contig can be determined by comparative restriction analysis. Comparative restriction analysis can be carried out in different ways all of which exploit the same principle; two clones of a library are very likely to overlap if they contain a limited number of restriction sites for one or more restriction endonucleases located at the same distance from each other. The most frequently used procedures are, fingerprinting (Coulson *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 83:7821-7821, (1986), the entirety of which is herein incorporated by reference); Knott *et al.*, *Nucleic Acids Res.* 16:2601-2612 (1988), the entirety of which is herein incorporated by reference; Eiglmeier *et al.*, *Mol. Microbiol.* 7(2):197-206 (1993), the entirety of which is herein incorporated by reference, 1993), restriction fragment mapping (Smith and Birnstiel, *Nucleic Acids Res.* 3:2387-2398 (1976), the entirety of which is herein incorporated by reference, or the "landmarking" technique (Charlebois *et al.*, *J. Mol. Biol.* 222:509-524 (1991), the entirety of which is herein incorporated by reference).

To generate a physical map of a genome with BACs using the fingerprinting technique, a BAC library containing a number of clones equivalent to 4X-20X haploid genome can be used. (Zhang and Wing, *Plant Mol. Bio.* 35:115-127 (1997)). For example, BAC DNA can be purified with the conventional alkaline lysis procedure as used for plasmid DNA purification, digested with the restriction enzyme used for construction of the BAC libraries and end-labeled with <sup>32</sup>P-dATP, digested with Sau3AI and fractionated on a denaturing polyacrylamide gel. The gel is dried to chromatography

paper and exposed to X-ray film. Fingerprints are scanned and then converted into database records, according to the positions of each band relative to the bands of the closest molecular-weight marker on a gel. The incoming database of fingerprints are first compared against each other to assemble contigs if overlapped, and then compared against all existing databases to place the incoming BACs and BAC contigs in established contigs if overlapped. The physical length of a contig in kb is estimated according to the number of restriction sites of the enzyme used for the first digestion prior to fragment end labeling.

Restriction analysis of a certain clone can be carried out, for example, according to a method originally described by Smith and Berstiel, *Nucleic Acids Res.* 3:2387-2398 (1976). First, the number and size of cloned restriction fragments to be mapped are determined by complete digestion and agarose gel electrophoresis. Then, the clone is linearized at a unique restriction site outside of the cloned DNA. Aliquots of the linearized molecules are digested to different extents with the enzyme selected for mapping. These partially cut samples are separated on agarose gels, blotted, and hybridized to a labeled fragment of vector DNA. This probe is derived entirely from one side or the other of the unique site used to linearize the clone.

The results show a ladder of DNA fragments that have the same unique end. By repeating these analyses in pairs with all the neighboring intermediate DNA fragments, the correct order of restriction fragments as well as the orientation of the cloned insert can be deduced. The order of restriction fragments produced by restriction enzymes other than the cloning enzyme can be determined similarly. Fragment data from different enzymes are then combined by a computer program and compared with the alignments of

other clones of the library (Kohara *et al.*, *Cell* 50:495-508 (1987), the entirety of which is herein incorporated by reference).

The landmarking technique can be carried out without any labeling and relies on agarose gel analysis. Clones are first digested preferably with a 6 bp specific endonuclease A, if possible with the original clone enzyme. Clones are then digested with a second endonuclease B. Endonuclease B is chosen based on its ability to cut rarely in the genome, for example, on average only once in 30 kbp. Of the fragments generated by digestion of one clone with enzyme A, statistically only a small number (between zero and three fragments) will also be cut by enzyme B. The very specific pattern of those fragments which are produced by double digestion are easily recognized. Any of these fragments which have a restriction site for the rarely cutting endonuclease is called a "landmark" Generally one common landmark is sufficient for defining two overlapping clones.

Alternatively to chromosome walking and the associated comparative restriction analyses methods, chromosome landing also has been reported to be used to locate a gene of interest (Tanksley *et al.*, *Trends in Genetics* 11(2):63-68 (1995), the entirety of which is herein incorporated by reference). For chromosome landing, a DNA marker is isolated at a physical distance from the targeted gene. High resolution linkage analysis is used to identify such a marker that cosegregates with the gene. The marker is isolated at a distance that is less than the average insert size of the genomic library used for clone isolation. The DNA marker is then used to screen the library and isolate ( or "land" on) the clone containing the gene without chromosome walking. Genome coverage of a library can also be determined by cross-hybridization of individual large insert clones by

screening a BAC library with single copy RFLP markers distributed randomly across the genome by hybridization. To assure accuracy of the physical map, the markers should be single-copy or of single-locus origin, if multiple-copy.

Chromosome landing of large-insert clones using chromosome-specific DNA markers such as STSs microsatellites, RFLPs, or other markers can correlate physical and genetic maps (Zwick *et al.*, *Genetics* 148:1983-1992 (1998), the entirety of which is herein incorporated by reference in its entirety). These strategies include chromosome landing of BACs containing markers or BAC contigs by BAC-FISH (Fluorescent *In Situ* Hybridization), a technique that involves tagging the DNA marker with an observable label. BAC clones giving positive hybridization signals are individually analyzed by FISH to metaphase chromosome spreads. The location of the labeled probe can be detected after it binds to its complementary DNA strand in an intact chromosome. The FISH of a BAC selected from a BAC contig will directly place the BAC contig to a specific chromosome region and establish a linkage relationships of the BAC contig to another BAC contig.

Likewise, BACs and STCs of the present invention can be used for contig mapping (Venter *et al.*, *Nature*, 381:364-366 (1996), the entirety of which is herein incorporated by reference). A “seed” BAC insert can be sequenced and then STCs and the corresponding BAC of each STC can be placed on the sequenced insert using the BLASTN program. Marker or gene containing STCs can be determined by the BLASTN program and their corresponding BACs can be hybridized to specific chromosomes using BAC-FISH (Zwick *et al.*, *Genetics* 148:1983-1992 (1998)).

STCs can be used to identify a minimum tiling path of BACs by computational procedures. Any nucleation sequence ( the sequence of an entire BAC, for example) can be electronically compared to a database of STCs to identify the next clones to be sequenced to maximally extend a contig. Chosen STCs need to occupy correct positions in the tiling path. Several factors can contribute to errors in the positioning and selection of these clones. An STC that contains all or part of a repetitive element can appear to align at any part of the growing mosaic which contains that element. One method of selecting the appropriate BAC is to mask out all sections of DNA sequence which are known to be repetitive elements. The sequence symbols of these section are replaced with Ns. These sections of DNA are not used to align the STC. STCs which are completely comprised of Ns are discarded. In this way, the unmasked sections of DNA may be aligned against the growing mosaic without misplacing them due to redundant sequence. A program publicly available, PowerBLAST includes a number of options for masking repetitive elements and low complexity subsequences (Zhang and Madden, *Genome Res* 7:649-56 (1997), the entirety of which is herein incorporated by reference). cDNA and genomic libraries also can be used as probe sources, thus directly combining the ordering of the genomic DNA with the localization of transcribed sequences. By a simultaneous hybridization to the genomic and back to the transcriptional libraries, results are produced on sequence homologies between transcribed sequences.

It is understood that the nucleic acid molecules of the present invention may in one embodiment be used in physical mapping. In a preferred embodiment, nucleic acid molecules of the present invention may in one embodiment be used in the physical mapping of maize.



Nucleic acid molecules of the present invention can be used in comparative mapping (physical and genetic) and to isolate molecules from other cereals based on the syntenic relationship between cereals. Comparative mapping within families provides a method to the degree of sequence conservation, gene order, ploidy of species, ancestral relationships and the rates at which individual genomes are evolving. Comparative mapping has been carried out by cross-hybridizing molecular markers across species within a given family.

In a preferred embodiment, the nucleic acid molecules of the present invention can be utilized to isolate corresponding syntenic regions in non-maize plants (Bennetzen and Freeling, *Trends in Genet.*, 9(8):259-261 (1993); Ahn *et al.*, *Mol. Gen. Genet.*, 241(5-6):483-490 (1993); Schwarzacher, *Cur. Opin. Genet. & Devel.*, 4(6): 868-874 (1994); Kurata *et al.*, *Bio/Technology*, 12:276-278 (1994); Kilian *et al.*, *Nucl. Acids Res.*, 23(14):2729-2733 (1995); Bennett, *Symp. Soc. Exp. Biol.*, 50:45-52 (1996); Hu *et al.*, *Genetics*, 142(3):1021-1031 (1996); Kilian, *Plant Mol. Biol.*, 35:187-195 (1997); Bennetzen and Freeling, *Genome Res.*, 7(4):301-306 (1997); Foote *et al.*, *Genetics*, 147(2):801-807 (1997); Gallego *et al.*, *Genome*, 41(3):328-336 (1998), all of which are herein incorporated by reference in their entirety). In a particularly preferred embodiment, the nucleic acid molecules of the present invention that define a genomic region in maize plants associated with a desirable phenotype are utilized to obtain corresponding syntenic regions in non-maize plants. A region can be defined either physically or genetically. In an even more preferred embodiment, the nucleic acid molecules of the present invention that define a genomic region in maize plants

associated with a desirable phenotype are utilized to obtain corresponding syntenic regions in maize plants. A region can be defined either physically or genetically.

One or more of the nucleic acids molecules may be used to define a physical genomic region. For example, two nucleic acid molecules of the present invention can act to define a physical genomic region that lies between them. Moreover, for example, a physical genomic region may be defined by a distance relative to a nucleic acid molecule. In a preferred embodiment of the present invention, the defined physical genomic region is less than about 1,000 kb, more preferably less than about 500 kb, even more preferably less than about 100 kb or less than about 50 kb.

One or more of the nucleic acids molecules may be used to define a genomic region by its genetic distance from one or more nucleic acid molecules. In a preferred embodiment of the present invention, the genomic region is defined by its linkage to a nucleic acid molecule of the present invention. In such a preferred embodiment, the genomic region that is defined by one or more nucleic acid molecules of the present invention is located within about 50 centimorgans, more preferably within about 20 centimorgans, even more preferably with about 10, about 5 or about 2 centimorgans of the trait or marker at issue.

In another particularly preferred embodiment, two or more nucleic acid molecules of the present invention derived from maize plants that flank a genomic region of interest in maize plants are used to isolate the syntenic region in another cereal, more preferably rice, sorghum or wheat. Regions of interest in maize include, without limitation, those regions that are associated with a commercially desirable phenotype in maize. In another

particularly preferred embodiment the desirable phenotype in maize is the result of a quantitative trait locus (QTL) present in the region.

One exemplary approach to isolate syntenic genomic regions is as follows.

Nucleic acid molecules derived from maize of the present invention can be used to select large insert clones from a total genomic DNA library of a related species such as rice, sorghum or wheat. Any appropriate method to screen the genomic library with a nucleic acid molecule of the present invention may be used to select the required clones (*See, for example, Birren et al., Detecting Genes: A Laboratory Manual*, Cold Spring Harbor, New York, NY (1998)). For example, direct hybridization of a nucleic acid molecule of the present invention to mapping filters comprising the genomic DNA of the syntenic species can be used to select large insert clones from a total genomic DNA library of a related species. The selected clones can then be used to physically map the region in the target species. An advantage of this method for comparative mapping is that no mapping population or linkage map of the target species is needed and the clones may also be used in other closely related species. By comparing the results obtained by genetic mapping in model plants, with those from other species, similarities of genomic structure among plants species can be established. Cross-hybridization of RFLP markers have been reported and conserved gene order has been established in many studies. Such macroscopic synteny is utilized for the estimation of correspondence of loci among these crops. These loci include not only Mendelian genes but also Quantitative Trait Loci (QTL) (Mohan *et al.*, *Molecular Breeding* 3:87-103 (1997), the entirety of which is herein incorporated by reference). Other methods to isolate syntenic nucleic acid molecules may be used.

It is understood that markers of the present invention may be used in comparative mapping. In a preferred embodiment the markers of present invention may be used in the comparative mapping of cereals, more preferably rice, sorgham, and wheat.

It is understood that markers of the present invention may be used to isolate nucleic acid molecules from other cereals based on the syntenic relationship between such cereals. In a preferred embodiment the cereal is selected from the group of rice, sorgham and wheat.

The nucleic acid molecules of the present invention can be used to identify polymorphisms. In one embodiment, one or more of the STC nucleic acid molecules or a BAC nucleic acid molecule (or a sub-fragment of either) may be employed as a marker nucleic acid molecule to identify such polymorphism(s). Alternatively, such polymorphisms can be detected through the use of a marker nucleic acid molecule or a marker protein that is genetically linked to (*i.e.*, a polynucleotide that co-segregates with) such polymorphism(s). In a preferred embodiment, the plant is selected from the group consisting of cereals, and more preferably rice, sorgham, and wheat.

In an alternative embodiment, such polymorphisms can be detected through the use of a marker nucleic acid molecule that is physically linked to such polymorphism(s). For this purpose, marker nucleic acid molecules comprising a nucleotide sequence of a polynucleotide located within 1 mb of the polymorphism(s), and more preferably within 100 kb of the polymorphism(s), and most preferably within 10 kb of the polymorphism(s) can be employed.

The genomes of animals and plants naturally undergo spontaneous mutation in the course of their continuing evolution (Gusella, *Ann. Rev. Biochem.* 55:831-854 (1986)). A

“polymorphism” is a variation or difference in the sequence of the gene or its flanking regions that arises in some of the members of a species. The variant sequence and the “original” sequence co-exist in the species’ population. In some instances, such co-existence is in stable or quasi-stable equilibrium.

A polymorphism is thus said to be “allelic,” in that, due to the existence of the polymorphism, some members of a species may have the original sequence (*i.e.*, the original “allele”) whereas other members may have the variant sequence (*i.e.*, the variant “allele”). In the simplest case, only one variant sequence may exist, and the polymorphism is thus said to be di-allelic. In other cases, the species’ population may contain multiple alleles, and the polymorphism is termed tri-allelic, etc. A single gene may have multiple different unrelated polymorphisms. For example, it may have a di-allelic polymorphism at one site, and a multi-allelic polymorphism at another site.

The variation that defines the polymorphism may range from a single nucleotide variation to the insertion or deletion of extended regions within a gene. In some cases, the DNA sequence variations are in regions of the genome that are characterized by short tandem repeats (STRs) that include tandem di- or tri-nucleotide repeated motifs of nucleotides. Polymorphisms characterized by such tandem repeats are referred to as “variable number tandem repeat” (“VNTR”) polymorphisms. VNTRs have been used in identity analysis (Weber, U.S. Patent 5,075,217; Armour *et al.*, *FEBS Lett.* 307:113-115 (1992); Jones *et al.*, *Eur. J. Haematol.* 39:144-147 (1987); Horn *et al.*, PCT Application WO91/14003; Jeffreys, European Patent Application 370,719; Jeffreys, U.S. Patent 5,175,082; Jeffreys *et al.*, *Amer. J. Hum. Genet.* 39:11-24 (1986); Jeffreys *et al.*, *Nature* 316:76-79 (1985); Gray *et al.*, *Proc. R. Acad. Soc. Lond.* 243:241-253 (1991); Moore *et*

*al.*, *Genomics* 10:654-660 (1991); Jeffreys *et al.*, *Anim. Genet.* 18:1-15 (1987); Hillel *et al.*, *Anim. Genet.* 20:145-155 (1989); Hillel *et al.*, *Genet.* 124:783-789 (1990), all of which are herein incorporated by reference in their entirety).

The detection of polymorphic sites in a sample of DNA may be facilitated through the use of nucleic acid amplification methods. Such methods specifically increase the concentration of polynucleotides that span the polymorphic site, or include that site and sequences located either distal or proximal to it. Such amplified molecules can be readily detected by gel electrophoresis or other means.

The most preferred method of achieving such amplification employs the polymerase chain reaction ("PCR") (Mullis *et al.*, *Cold Spring Harbor Symp. Quant. Biol.* 51:263-273 (1986); Erlich *et al.*, European Patent Appln. 50,424; European Patent Appln. 84,796, European Patent Application 258,017, European Patent Appln. 237,362; Mullis, European Patent Appln. 201,184; Mullis, *et al.*, U.S. Patent No. 4,683,202; Erlich, U.S. Patent No. 4,582,788; and Saiki *et al.*, U.S. Patent No. 4,683,194, all of which are herein incorporated by reference), using primer pairs that are capable of hybridizing to the proximal sequences that define a polymorphism in its double-stranded form.

In lieu of PCR, alternative methods, such as the "Ligase Chain Reaction" ("LCR") may be used (Barany, *Proc. Natl. Acad. Sci.(U.S.A.)* 88:189-193 (1991), the entirety of which is herein incorporated by reference. LCR uses two pairs of oligonucleotide probes to exponentially amplify a specific target. The sequences of each pair of oligonucleotides is selected to permit the pair to hybridize to abutting sequences of the same strand of the target. Such hybridization forms a substrate for a template-dependent ligase. As with

PCR, the resulting products thus serve as a template in subsequent cycles and an exponential amplification of the desired sequence is obtained.

LCR can be performed with oligonucleotides having the proximal and distal sequences of the same strand of a polymorphic site. In one embodiment, either oligonucleotide will be designed to include the actual polymorphic site of the polymorphism. In such an embodiment, the reaction conditions are selected such that the oligonucleotides can be ligated together only if the target molecule either contains or lacks the specific nucleotide that is complementary to the polymorphic site present on the oligonucleotide. Alternatively, the oligonucleotides may be selected such that they do not include the polymorphic site (see, Segev, PCT Application WO 90/01069, the entirety of which is herein incorporated by reference).

The "Oligonucleotide Ligation Assay" ("OLA") may alternatively be employed (Landegren *et al.*, *Science* 241:1077-1080 (1988), the entirety of which is herein incorporated by reference). The OLA protocol uses two oligonucleotides which are designed to be capable of hybridizing to abutting sequences of a single strand of a target. OLA, like LCR, is particularly suited for the detection of point mutations. Unlike LCR, however, OLA results in "linear" rather than exponential amplification of the target sequence.

Nickerson *et al.* have described a nucleic acid detection assay that combines attributes of PCR and OLA (Nickerson *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:8923-8927 (1990), the entirety of which is herein incorporated by reference). In this method, PCR is used to achieve the exponential amplification of target DNA, which is then detected using OLA. In addition to requiring multiple, and separate, processing steps,

one problem associated with such combinations is that they inherit all of the problems associated with PCR and OLA.

Schemes based on ligation of two (or more) oligonucleotides in the presence of nucleic acid having the sequence of the resulting "di-oligonucleotide", thereby amplifying the di-oligonucleotide, are also known (Wu *et al.*, *Genomics* 4:560 (1989), the entirety of which is herein incorporated by reference), and may be readily adapted to the purposes of the present invention.

Other known nucleic acid amplification procedures, such as allele-specific oligomers, branched DNA technology, transcription-based amplification systems, or isothermal amplification methods may also be used to amplify and analyze such polymorphisms (Malek *et al.*, U.S. Patent 5,130,238; Davey *et al.*, European Patent Application 329,822; Schuster *et al.*, U.S. Patent 5,169,766; Miller *et al.*, PCT Application WO 89/06700; Kwoh *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:1173-1177 (1989); Gingeras *et al.*, PCT Application WO 88/10315; Walker *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 89:392-396 (1992), all of which are herein incorporated by reference in their entirety).

The identification of a polymorphism can be determined in a variety of ways. By correlating the presence or absence of it in a plant with the presence or absence of a phenotype, it is possible to predict the phenotype of that plant. If a polymorphism creates or destroys a restriction endonuclease cleavage site, or if it results in the loss or insertion of DNA (*e.g.*, a VNTR polymorphism), it will alter the size or profile of the DNA fragments that are generated by digestion with that restriction endonuclease. As such, individuals that possess a variant sequence can be distinguished from those having the



original sequence by restriction fragment analysis. Polymorphisms that can be identified in this manner are termed "restriction fragment length polymorphisms" ("RFLPs").

RFLPs have been widely used in human and plant genetic analyses (Glassberg, UK Patent Application 2135774; Skolnick *et al.*, *Cytogen. Cell Genet.* 32:58-67 (1982); Botstein *et al.*, *Ann. J. Hum. Genet.* 32:314-331 (1980); Fischer *et al.* PCT Application WO90/13668; Uhlen, PCT Application WO90/11369).

Polymorphisms can also be identified by Single Strand Conformation Polymorphism (SSCP) analysis. The SSCP technique is a method capable of identifying most sequence variations in a single strand of DNA, typically between 150 and 250 nucleotides in length (Elles, *Methods in Molecular Medicine: Molecular Diagnosis of Genetic Diseases*, Humana Press (1996), the entirety of which is herein incorporated by reference); Orita *et al.*, *Genomics* 5:874-879 (1989), the entirety of which is herein incorporated by reference). Under denaturing conditions a single strand of DNA will adopt a conformation that is uniquely dependent on its sequence conformation. This conformation usually will be different, even if only a single base is changed. Most conformations have been reported to alter the physical configuration or size sufficiently to be detectable by electrophoresis. A number of protocols have been described for SSCP including, but not limited to Lee *et al.*, *Anal. Biochem.* 205:289-293 (1992), the entirety of which is herein incorporated by reference; Suzuki *et al.*, *Anal. Biochem.* 192:82-84 (1991), the entirety of which is herein incorporated by reference; Lo *et al.*, *Nucleic Acids Research* 20:1005-1009 (1992), the entirety of which is herein incorporated by reference; Sarkar *et al.*, *Genomics* 13:441-443 (1992), the entirety of which is herein incorporated by reference). It is understood that one or more of the nucleic acids of the present

invention, may be utilized as markers or probes to detect polymorphisms by SSCP analysis.

Polymorphisms may also be found using a DNA fingerprinting technique called amplified fragment length polymorphism (AFLP), which is based on the selective PCR amplification of restriction fragments from a total digest of genomic DNA to profile that DNA. Vos *et al.*, *Nucleic Acids Res.* 23:4407-4414 (1995), the entirety of which is herein incorporated by reference. This method allows for the specific co-amplification of high numbers of restriction fragments, which can be visualized by PCR without knowledge of the nucleic acid sequence.

AFLP employs basically three steps. Initially, a sample of genomic DNA is cut with restriction enzymes and oligonucleotide adapters are ligated to the restriction fragments of the DNA. The restriction fragments are then amplified using PCR by using the adapter and restriction sequence as target sites for primer annealing. The selective amplification is achieved by the use of primers that extend into the restriction fragments, amplifying only those fragments in which the primer extensions match the nucleotide flanking the restriction sites. These amplified fragments are then visualized on a denaturing polyacrylamide gel.

AFLP analysis has been performed on *Salix* (Beismann *et al.*, *Mol. Ecol.* 6:989-993 (1997), the entirety of which is herein incorporated by reference); *Acinetobacter* (Janssen *et al.*, *Int. J. Syst. Bacteriol* 47:1179-1187 (1997), the entirety of which is herein incorporated by reference), *Aeromonas popoffi* (Huys *et al.*, *Int. J. Syst. Bacteriol.* 47:1165-1171 (1997), the entirety of which is herein incorporated by reference), rice (McCouch *et al.*, *Plant Mol. Biol.* 35:89-99 (1997), the entirety of which is herein

incorporated by reference); Nandi *et al.*, *Mol. Gen. Genet.* 255:1-8 (1997); Cho *et al.*, *Genome* 39:373-378 (1996), herein incorporated by reference), barley (*Hordeum vulgare*) (Simons *et al.*, *Genomics* 44:61-70 (1997), the entirety of which is herein incorporated by reference; Waugh *et al.*, *Mol. Gen. Genet.* 255:311-321 (1997), the entirety of which is herein incorporated by reference; Qi *et al.*, *Mol. Gen. Genet.* 254:330-336 (1997), the entirety of which is herein incorporated by reference; Becker *et al.*, *Mol. Gen. Genet.* 249:65-73 (1995), the entirety of which is herein incorporated by reference), potato (Van der Voort *et al.*, *Mol. Gen. Genet.* 255:438-447 (1997), the entirety of which is herein incorporated by reference; Meksem *et al.*, *Mol. Gen. Genet.* 249:74-81 (1995), the entirety of which is herein incorporated by reference), *Phytophthora infestans* (Van der Lee *et al.*, *Fungal Genet. Biol.* 21:278-291 (1997), the entirety of which is herein incorporated by reference), *Bacillus anthracis* (Keim *et al.*, *J. Bacteriol.* 179:818-824 (1997)), *Astragalus cremnophylax* (Travis *et al.*, *Mol. Ecol.* 5:735-745 (1996), the entirety of which is herein incorporated by reference), *Arabidopsis* (Cnops *et al.*, *Mol. Gen. Genet.* 253:32-41 (1996), the entirety of which is herein incorporated by reference), *Escherichia coli* (Lin *et al.*, *Nucleic Acids Res.* 24:3649-3650 (1996), the entirety of which is herein incorporated by reference), *Aeromonas* (Huys *et al.*, *Int. J. Syst. Bacteriol.* 46:572-580 (1996), the entirety of which is herein incorporated by reference), nematode (Folkertsma *et al.*, *Mol. Plant Microbe Interact.* 9:47-54 (1996), the entirety of which is herein incorporated by reference), tomato (Thomas *et al.*, *Plant J.* 8:785-794 (1995), the entirety of which is herein incorporated by reference), and human (Latorra *et al.*, *PCR Methods Appl.* 3:351-358 (1994) the entirety of which is herein incorporated by reference). AFLP analysis has also been used for fingerprinting mRNA (Money *et al.*,

*Nucleic Acids Res.* 24:2616-2617 (1996), the entirety of which is herein incorporated by reference; Bachem, *et al.*, *Plant J.* 9:745-753 (1996), the entirety of which is herein incorporated by reference). It is understood that one or more of the nucleic acid molecules of the present invention, may be utilized as markers or probes to detect polymorphisms by AFLP analysis for fingerprinting mRNA.

Polymorphisms may also be found using random amplified polymorphic DNA (RAPD) (Williams *et al.*, *Nucl. Acids Res.* 18:6531-6535 (1990), the entirety of which is herein incorporated by reference) and cleavable amplified polymorphic sequences (CAPS) (Lyamichev *et al.*, *Science* 260:778-783 (1993), the entirety of which is herein incorporated by reference). It is understood that one or more of the nucleic acid molecules of the present invention, may be utilized as markers or probes to detect polymorphisms by RAPD or CAPS analysis.

Nucleic acid molecules of the present invention can be used to monitor expression. A microarray-based method for high-throughput monitoring of plant gene expression may be utilized to measure gene-specific hybridization targets. This 'chip'-based approach involves using microarrays of nucleic acid molecules as gene-specific hybridization targets to quantitatively measure expression of the corresponding plant genes (Schena *et al.*, *Science* 270:467-470 (1995), the entirety of which is herein incorporated by reference; Shalon, Ph.D. Thesis. Stanford University (1996), the entirety of which is herein incorporated by reference). Every nucleotide in a large sequence can be queried at the same time. Hybridization can be used to efficiently analyze nucleotide sequences.

Several microarray methods have been described. One method compares the sequences to be analyzed by hybridization to a set of oligonucleotides or cDNA molecules representing all possible subsequences (Bains and Smith, *J. Theor. Biol.* 135:303 (1989), the entirety of which is herein incorporated by reference). A second method hybridizes the sample to an array of oligonucleotide or cDNA probes. An array consisting of oligonucleotides or cDNA molecules complementary to subsequences of a target sequence can be used to determine the identity of a target sequence, measure its amount, and detect differences between the target and a reference sequence. Nucleic acid molecule microarrays may also be screened with protein molecules or fragments thereof to determine nucleic acid molecules that specifically bind protein molecules or fragments thereof.

Additionally, microarrays of BACs may be prepared to sufficiently cover 3X of an entire genome. Such microarrays can be used in a variety of genomics experiments including gene mapping, DNA fingerprinting and promoter identification. Microarrays of genomic DNA can also be used for parallel analysis of genomes at single gene resolution (Lemieux *et al.*, *Molecular Breeding* 277-289 (1988), the entirety of which is herein incorporated by reference). It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a genomic microarray based method. In a preferred embodiment of the present invention, one or more of the maize nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a genomic microarray based method. For example, Genomic Mismatch Scanning (GMS), a hybridization-based method of linkage analysis

that allows rapid identification of regions of identity-by-descent between two related individuals, can be carried out with microarrays. GMS is reported to have been used to identify genetically common chromosomal segments based on the ability of these DNA sequences to form extensive regions of mismatch-free heteroduplexes. A series of enzymatic steps, coupled with filter binding, is used to selectively remove heteroduplexes that contain mismatches (*i.e.*, chromosomal regions that do not share identity-by descent.). Fragments of chromosomal DNA representing inherited regions are hybridized to a microarray of ordered genomic clones and positive hybridization signals pinpoint regions of identity-by-descent at high resolution (Lemieux *et al.*, *Molecular Breeding* 277-289 (1988)).

It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to locate regions of identity-by-descent between related individuals. In a preferred embodiment of the present invention, one or more of the maize nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to locate regions of identity-by-descent between related individuals. The GMS microarray approach can also be used as a tool to map mutigenic traits. For example, in yeast, the entire genomic sequence is known and it has been reported that the genes responsible for growth at elevated temperature, a trait required for the pathogenicity of certain yeast strains, may be determined using GMS (Lemieux *et al.*, *Molecular Breeding* 277-289 (1988)). By analyzing the inheritance of large numbers of

tetrads derived from crosses of pathogenic and wild type strains, all the genes responsible for a yeast strain's ability to grow at 42°C, for example, could be identified.

It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to map multigenic traits. In a preferred embodiment of the present invention, one or more of the *Zea mays* L nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to map multigenic traits.

Plant repeat elements may be used with GMS microarraying to identify species specific chromosomes in another species background. For example, the maize genome contains moderately repetitive DNA sequences (ZLRS) representing about 2500 copies per haploid genome; these sequences are present in the genus *Zea* and absent in other graminaceous species. Ananiev *et al.* (*Proc. Natl. Acad. Sci. (U.S.A.)* 94:3526-3529 (1997), all of which are herein incorporated by reference in their entirety) have reported unusual plants with individual maize chromosomes added to a complete oat genome generated by embryo rescue from oat (*Avena sativa*) x *Zea mays* crosses. By using highly repetitive maize-specific sequences as probes, Ananiev *et al.* (*Proc. Natl. Acad. Sci. (U.S.A.)* 94:3526-3529 (1997)) were able to selectively isolate cosmid clones containing maize genomic DNA.

It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method using

repeat elements to selectively isolate clones containing species specific DNA. In a preferred embodiment of the present invention, one or more of the maize nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to selectively isolate clones containing species specific DNA. A particular preferred microarray embodiment of the present invention is a microarray comprising nucleic acid molecules encoding genes that are homologues of known genes or nucleic acid molecules that comprise genes or fragments thereof that elicit only limited or no matches to known genes. A further preferred microarray embodiment of the present invention is a microarray comprising nucleic acid molecules encoding genes or fragments thereof that are homologues of known genes and nucleic acid molecules that comprise genes or fragments thereof that elicit only limited or no matches to known genes. A further preferred microarray embodiment of the present invention is a microarray comprising nucleic acid molecules encoding genes or fragments thereof that elicit only limited or no matches to known genes.

It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a microarray based method.

In a preferred embodiment of the present invention, one or more of the maize nucleic acid molecules or protein molecules or fragments thereof or other agents of the present invention may be utilized in a microarray based method. Nucleic acid molecules of the present invention may be used in site directed mutagenesis. Site-directed mutagenesis may be utilized to modify nucleic acid sequences, particularly as it is a technique that allows one or more of the amino acids encoded by a nucleic acid molecule



to be altered (*e.g.*, a threonine to be replaced by a methionine). Three basic methods for site-directed mutagenesis are often employed. These are cassette mutagenesis (Wells *et al.*, *Gene* 34:315-23 (1985), the entirety of which is herein incorporated by reference), primer extension (Gilliam *et al.*, *Gene* 12:129-137 (1980), the entirety of which is herein incorporated by reference); Zoller and Smith, *Methods Enzymol.* 100:468-500 (1983), the entirety of which is herein incorporated by reference; and Dalbadie-McFarland *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 79:6409-6413 (1982), the entirety of which is herein incorporated by reference) and methods based upon PCR (Scharf *et al.*, *Science* 233:1076-1078 (1986), the entirety of which is herein incorporated by reference; Higuchi *et al.*, *Nucleic Acids Res.* 16:7351-7367 (1988), the entirety of which is herein incorporated by reference). Site-directed mutagenesis approaches are also described in European Patent 0 385 962, the entirety of which is herein incorporated by reference, European Patent 0 359 472, the entirety of which is herein incorporated by reference, and PCT Patent Application WO 93/07278, the entirety of which is herein incorporated by reference.

Site-directed mutagenesis strategies have been applied to plants for both *in vitro* as well as *in vivo* site-directed mutagenesis (Lanz *et al.*, *J. Biol. Chem.* 266:9971-6 (1991), the entirety of which is herein incorporated by reference; Kovgan and Zhdanov, *Biotehnologiya* 5:148-154, No. 207160n, Chemical Abstracts 110:225 (1989), the entirety of which is herein incorporated by reference; Ge *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:4037-4041 (1989), the entirety of which is herein incorporated by reference, Zhu *et al.*, *J. Biol. Chem.* 271:18494-18498 (1996), Chu *et al.*, *Biochemistry* 33:6150-6157 (1994), the entirety of which is herein incorporated by reference, Small *et al.*,

*EMBO J.* 11:1291-1296 (1992), the entirety of which is herein incorporated by reference, Cho *et al.*, *Mol. Biotechnol.* 8:13-16 (1997), Kita *et al.*, *J. Biol. Chem.* 271:26529-26535 (1996), the entirety of which is herein incorporated by reference, Jin *et al.*, *Mol. Microbiol.* 7:555-562 (1993), the entirety of which is herein incorporated by reference, Hatfield and Vierstra, *J. Biol. Chem.* 267:14799-14803 (1992), the entirety of which is herein incorporated by reference, Zhao *et al.*, *Biochemistry* 31:5093-5099 (1992), the entirety of which is herein incorporated by reference).

Any of the nucleic acid molecules of the present invention may either be modified by site-directed mutagenesis or used as, for example, nucleic acid molecules that are used to target other nucleic acid molecules for modification. It is understood that mutants with more than one altered nucleotide can be constructed using techniques that practitioners skilled in the art are familiar with such as isolating restriction fragments and ligating such fragments into an expression vector (*see, for example, Sambrook et al., Molecular Cloning: A Laboratory Manual*, Cold Spring Harbor Press (1989)). In a preferred embodiment of the present invention, one or more of the maize nucleic acid molecules or fragments thereof of the present invention may be modified by site-directed mutagenesis.

Nucleic acid molecules of the present invention may be used in transformation. Exogenous genetic material may be transferred into a plant cell and the plant cell regenerated into a whole, fertile or sterile plant. Exogenous genetic material is any genetic material, whether naturally occurring or otherwise, from any source that is capable of being inserted into any organism. In a preferred embodiment of the present invention the exogenous genetic material can include maize genetic material. Such genetic material may be transferred into either monocotyledons and dicotyledons

including but not limited to the plants, maize and *Arabidopsis thaliana* and rice (See specifically, Chistou, *Particle Bombardment for Genetic Engineering of Plants*, pp. 63-69 (maize), pp50-60 (rice), Biotechnology Intelligence Unit, Academic Press, San Diego, California (1996), the entirety of which is herein incorporated by reference and generally Chistou, *Particle Bombardment for Genetic Engineering of Plants*, Biotechnology Intelligence Unit, Academic Press, San Diego, California (1996), the entirety of which is herein incorporated by reference).

Transfer of a nucleic acid that encodes for a protein can result in overexpression of that protein in a transformed cell or transgenic plant. One or more of the proteins or fragments thereof encoded by nucleic acid molecules of the present invention may be overexpressed in a transformed cell or transformed plant. Such overexpression may be the result of transient or stable transfer of the exogenous material.

Exogenous genetic material may be transferred into a plant cell by the use of a DNA vector or construct designed for such a purpose. Vectors have been engineered for transformation of large DNA inserts into plant genomes. Vectors have been designed to replicate in both *E. coli* and *A. tumefaciens* and have all of the features required for transferring large inserts of DNA into plant chromosomes (Choi and Wing, <http://genome.clemson.edu/protocols2-nj.html> July, 1998). ApBACwich system has been developed to achieve site-directed integration of DNA into the genome. A 150 kb cotton BAC DNA is reported to have been transferred into a specific *lox* site in tobacco by biolistic bombardment and *Cre-lox* site specific recombination.

A construct or vector may include a plant promoter to express the protein or protein fragment of choice. A number of promoters which are active in plant cells have

been described in the literature. These include the nopaline synthase (NOS) promoter (Ebert *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 84:5745-5749 (1987), the entirety of which is herein incorporated by reference), the octopine synthase (OCS) promoter (which are carried on tumor-inducing plasmids of *Agrobacterium tumefaciens*), the caulimovirus promoters such as the cauliflower mosaic virus (CaMV) 19S promoter (Lawton *et al.*, *Plant Mol. Biol.* 9:315-324 (1987), the entirety of which is herein incorporated by reference) and the CA MV 35S promoter (Odell *et al.*, *Nature* 313:810-812 (1985), the entirety of which is herein incorporated by reference), the figwort mosaic virus 35S-promoter, the light-inducible promoter from the small subunit of ribulose-1,5-bis-phosphate carboxylase (ssRUBISCO), the Adh promoter (Walker *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 84:6624-6628 (1987), the entirety of which is herein incorporated by reference), the sucrose synthase promoter (Yang *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:4144-4148 (1990), the entirety of which is herein incorporated by reference), the R gene complex promoter (Chandler *et al.*, *The Plant Cell* 1:1175-1183 (1989), the entirety of which is herein incorporated by reference), and the chlorophyll a/b binding protein gene promoter, etc. These promoters have been used to create DNA constructs which have been expressed in plants; *see, e.g.*, PCT publication WO 84/02913, herein incorporated by reference in its entirety.

Promoters which are known or are found to cause transcription of DNA in plant cells can be used in the present invention. Such promoters may be obtained from a variety of sources such as plants and plant viruses. It is preferred that the particular promoter selected should be capable of causing sufficient expression to result in the production of an effective amount of protein to cause the desired phenotype. In addition

to promoters which are known to cause transcription of DNA in plant cells, other promoters may be identified for use in the current invention by screening a plant cDNA library for genes which are selectively or preferably expressed in the target tissues or cells.

For the purpose of expression in source tissues of the plant, such as the leaf, seed, root or stem, it is preferred that the promoters utilized in the present invention have relatively high expression in these specific tissues. For this purpose, one may choose from a number of promoters for genes with tissue- or cell-specific or -enhanced expression. Examples of such promoters reported in the literature include the chloroplast glutamine synthetase GS2 promoter from pea (Edwards *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:3459-3463 (1990), herein incorporated by reference in its entirety), the chloroplast fructose-1,6-biphosphatase (FBPase) promoter from wheat (Lloyd *et al.*, *Mol. Gen. Genet.* 225:209-216 (1991), herein incorporated by reference in its entirety), the nuclear photosynthetic ST-LS1 promoter from potato (Stockhaus *et al.*, *EMBO J.* 8:2445-2451 (1989), herein incorporated by reference in its entirety), the phenylalanine ammonia-lyase (PAL) promoter and the chalcone synthase (CHS) promoter from *Arabidopsis thaliana*. Also reported to be active in photosynthetically active tissues are the ribulose-1,5-bisphosphate carboxylase (RbcS) promoter from eastern larch (*Larix laricina*), the promoter for the *cab* gene, *cab6*, from pine (Yamamoto *et al.*, *Plant Cell Physiol.* 35:773-778 (1994), herein incorporated by reference in its entirety), the promoter for the Cab-1 gene from wheat (Fejes *et al.*, *Plant Mol. Biol.* 15:921-932 (1990), herein incorporated by reference in its entirety), the promoter for the CAB-1 gene from spinach (Lubberstedt *et al.*, *Plant Physiol.* 104:997-1006 (1994), herein incorporated by reference

in its entirety), the promoter for the cab1R gene from rice (Luan *et al.*, *Plant Cell*. 4:971-981 (1992), the entirety of which is herein incorporated by reference), the pyruvate, orthophosphate dikinase (PPDK) promoter from maize (Matsuoka *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 90:9586-9590 (1993), herein incorporated by reference in its entirety), the promoter for the tobacco Lhcb1\*2 gene (Cerdan *et al.*, *Plant Mol. Biol.* 33:245-255. (1997), herein incorporated by reference in its entirety), the *Arabidopsis thaliana* SUC2 sucrose-H<sup>+</sup> symporter promoter (Truernit *et al.*, *Planta*. 196:564-570 (1995), herein incorporated by reference in its entirety), and the promoter for the thylacoid membrane proteins from spinach (psaD, psaF, psaE, PC, FNR, atpC, atpD, cab, rbcS). Other promoters for the chlorophyll a/b-binding proteins may also be utilized in the present invention, such as the promoters for LhcB gene and PsbP gene from white mustard (*Sinapis alba*; Kretsch *et al.*, *Plant Mol. Biol.* 28:219-229 (1995), the entirety of which is herein incorporated by reference).

For the purpose of expression in sink tissues of the plant, such as the tuber of the potato plant, the fruit of tomato, or the seed of maize, wheat, rice, and barley, it is preferred that the promoters utilized in the present invention have relatively high expression in these specific tissues. A number of promoters for genes with tuber-specific or -enhanced expression are known, including the class I patatin promoter (Bevan *et al.*, *EMBO J.* 8:1899-1906 (1986); Jefferson *et al.*, *Plant Mol. Biol.* 14:995-1006 (1990), both of which are herein incorporated by reference in its entirety), the promoter for the potato tuber ADPGPP genes, both the large and small subunits, the sucrose synthase promoter (Salanoubat and Belliard, *Gene*. 60:47-56 (1987), Salanoubat and Belliard, *Gene*. 84:181-185 (1989), both of which are incorporated by reference in their entirety), the promoter

for the major tuber proteins including the 22 kd protein complexes and proteinase inhibitors (Hannapel, *Plant Physiol.* 101:703-704 (1993), herein incorporated by reference in its entirety), the promoter for the granule bound starch synthase gene (GBSS) (Visser *et al.*, *Plant Mol. Biol.* 17:691-699 (1991), herein incorporated by reference in its entirety), and other class I and II patatins promoters (Koster-Topfer *et al.*, *Mol. Gen. Genet.* 219:390-396 (1989); Mignery *et al.*, *Gene.* 62:27-44 (1988), both of which are herein incorporated by reference in their entirety).

Other promoters can also be used to express a fructose 1,6 bisphosphate aldolase gene in specific tissues, such as seeds or fruits. The promoter for  $\beta$ -conglycinin (Chen *et al.*, *Dev. Genet.* 10:112-122 (1989), herein incorporated by reference in its entirety) or other seed-specific promoters such as the napin and phaseolin promoters, can be used. The zeins are a group of storage proteins found in maize endosperm. Genomic clones for zein genes have been isolated (Pedersen *et al.*, *Cell* 29:1015-1026 (1982), herein incorporated by reference in its entirety), and the promoters from these clones, including the 15 kD, 16 kD, 19 kD, 22 kD, 27 kD, and gamma genes, could also be used. Other promoters known to function, for example, in maize, include the promoters for the following genes: *waxy*, *Brittle*, *Shrunken 2*, Branching enzymes I and II, starch synthases, debranching enzymes, oleosins, glutelins, and sucrose synthases. A particularly preferred promoter for maize endosperm expression is the promoter for the glutelin gene from rice, more particularly the Osgt-1 promoter (Zheng *et al.*, *Mol. Cell Biol.* 13:5829-5842 (1993), herein incorporated by reference in its entirety). Examples of promoters suitable for expression in wheat include those promoters for the ADPglucose pyrophosphorylase (ADPGPP) subunits, the granule bound and other starch synthases, the branching and

debranching enzymes, the embryogenesis-abundant proteins, the gliadins, and the glutenins. Examples of such promoters in rice include those promoters for the ADPGPP subunits, the granule bound and other starch synthases, the branching enzymes, the debranching enzymes, sucrose synthases, and the glutelins. A particularly preferred promoter is the promoter for rice glutelin, Osgt-1. Examples of such promoters for barley include those for the ADPGPP subunits, the granule bound and other starch synthases, the branching enzymes, the debranching enzymes, sucrose synthases, the hordeins, the embryo globulins, and the aleurone specific proteins.

Root specific promoters may also be used. An example of such a promoter is the promoter for the acid chitinase gene (Samac *et al.*, *Plant Mol. Biol.* 25:587-596 (1994), the entirety of which is herein incorporated by reference). Expression in root tissue could also be accomplished by utilizing the root specific subdomains of the CaMV35S promoter that have been identified (Lam *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 86:7890-7894 (1989), herein incorporated by reference in its entirety). Other root cell specific promoters include those reported by Conkling *et al.* (Conkling *et al.*, *Plant Physiol.* 93:1203-1211 (1990), the entirety of which is herein incorporated by reference).

Additional promoters that may be utilized are described, for example, in U.S. Patent Nos. 5,378,619, 5,391,725, 5,428,147, 5,447,858, 5,608,144, 5,608,144, 5,614,399, 5,633,441, 5,633,435, and 4,633,436, all of which are herein incorporated in their entirety. In addition, a tissue specific enhancer may be used (Fromm *et al.*, *The Plant Cell* 1:977-984 (1989), the entirety of which is herein incorporated by reference).

Constructs or vectors may also include, with the coding region of interest, a nucleic acid sequence that acts, in whole or in part, to terminate transcription of that



region. For example, such sequences have been isolated including the Tr7 3' sequence and the nos 3' sequence (Ingelbrecht *et al.*, *The Plant Cell* 1:671-680 (1989), the entirety of which is herein incorporated by reference; Bevan *et al.*, *Nucleic Acids Res.* 11:369-385 (1983), the entirety of which is herein incorporated by reference), or the like.

A vector or construct may also include regulatory elements. Examples of such include the Adh intron 1 (Callis *et al.*, *Genes and Develop.* 1:1183-1200 (1987), the entirety of which is herein incorporated by reference), the sucrose synthase intron (Vasil *et al.*, *Plant Physiol.* 91:1575-1579 (1989), the entirety of which is herein incorporated by reference) and the TMV omega element (Gallie *et al.*, *The Plant Cell* 1:301-311 (1989), the entirety of which is herein incorporated by reference). These and other regulatory elements may be included when appropriate.

A vector or construct may also include a selectable marker. Selectable markers may also be used to select for plants or plant cells that contain the exogenous genetic material. Examples of such include, but are not limited to, a neo gene (Potrykus *et al.*, *Mol. Gen. Genet.* 199:183-188 (1985), the entirety of which is herein incorporated by reference) which codes for kanamycin resistance and can be selected for using kanamycin, G418, etc.; a bar gene which codes for bialaphos resistance; a mutant EPSP synthase gene (Hinchee *et al.*, *Bio/Technology* 6:915-922 (1988), the entirety of which is herein incorporated by reference) which encodes glyphosate resistance; a nitrilase gene which confers resistance to bromoxynil (Stalker *et al.*, *J. Biol. Chem.* 263:6310-6314 (1988), the entirety of which is herein incorporated by reference); a mutant acetolactate synthase gene (ALS) which confers imidazolinone or sulphonylurea resistance (European Patent Application 154,204 (Sept. 11, 1985), the entirety of which is herein incorporated

by reference); and a methotrexate resistant DHFR gene (Thillet *et al.*, *J. Biol. Chem.* 263:12500-12508 (1988), the entirety of which is herein incorporated by reference).

A vector or construct may also include a transit peptide. Incorporation of a suitable chloroplast transit peptide may also be employed (European Patent Application Publication Number 0218571, the entirety of which is herein incorporated by reference). Translational enhancers may also be incorporated as part of the vector DNA. DNA constructs could contain one or more 5' non-translated leader sequences which may serve to enhance expression of the gene products from the resulting mRNA transcripts. Such sequences may be derived from the promoter selected to express the gene or can be specifically modified to increase translation of the mRNA. Such regions may also be obtained from viral RNAs, from suitable eukaryotic genes, or from a synthetic gene sequence. For a review of optimizing expression of transgenes, see Koziel *et al.*, *Plant Mol. Biol.* 32:393-405 (1996), the entirety of which is herein incorporated by reference.

A vector or construct may also include a screenable marker. Screenable markers may be used to monitor expression. Exemplary screenable markers include a  $\beta$ -glucuronidase or uidA gene (GUS) which encodes an enzyme for which various chromogenic substrates are known (Jefferson, *Plant Mol. Biol. Rep.* 5:387-405 (1987), the entirety of which is herein incorporated by reference; Jefferson *et al.*, *EMBO J.* 6:3901-3907 (1987), the entirety of which is herein incorporated by reference); an R-locus gene, which encodes a product that regulates the production of anthocyanin pigments (red color) in plant tissues ((Dellaporta *et al.*, *Stadler Symposium* 11:263-282 (1988), the entirety of which is herein incorporated by reference); a  $\beta$ -lactamase gene (Sutcliffe *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 75:3737-3741 (1978), the entirety of which

is herein incorporated by reference), a gene which encodes an enzyme for which various chromogenic substrates are known (*e.g.*, PADAC, a chromogenic cephalosporin); a luciferase gene (Ow *et al.*, *Science* 234:856-859 (1986), the entirety of which is herein incorporated by reference) a xylE gene (Zukowsky *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 80:1101-1105 (1983), the entirety of which is herein incorporated by reference) which encodes a catechol dioxygenase that can convert chromogenic catechols; an  $\alpha$ -amylase gene (Ikatsu *et al.*, *Bio/Technol.* 8:241-242 (1990), the entirety of which is herein incorporated by reference); a tyrosinase gene (Katz *et al.*, *J. Gen. Microbiol.* 129:2703-2714 (1983), the entirety of which is herein incorporated by reference) which encodes an enzyme capable of oxidizing tyrosine to DOPA and dopaquinone which in turn condenses to melanin; an  $\alpha$ -galactosidase, which will turn a chromogenic  $\alpha$ -galactose substrate.

Included within the terms "selectable or screenable marker genes" are also genes which encode a secretable marker whose secretion can be detected as a means of identifying or selecting for transformed cells. Examples include markers which encode a secretable antigen that can be identified by antibody interaction, or even secretable enzymes which can be detected catalytically. Secretable proteins fall into a number of classes, including small, diffusible proteins detectable, *e.g.*, by ELISA, small active enzymes detectable in extracellular solution (*e.g.*,  $\alpha$ -amylase,  $\beta$ -lactamase, phosphinothricin transferase), or proteins which are inserted or trapped in the cell wall (such as proteins which include a leader sequence such as that found in the expression unit of extension or tobacco PR-S). Other possible selectable and/or screenable marker genes will be apparent to those of skill in the art.

Methods and compositions for transforming a bacteria and other microorganisms are known in the art (see for example Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, Second Edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y., (1989), the entirety of which is herein incorporated by reference).

There are many methods for introducing transforming nucleic acid molecules into plant cells. Suitable methods are believed to include virtually any method by which nucleic acid molecules may be introduced into a cell, such as by *Agrobacterium* infection or direct delivery of nucleic acid molecules such as, for example, by PEG-mediated transformation, by electroporation or by acceleration of DNA coated particles, etc. (Pottkyus, *Ann. Rev. Plant Physiol. Plant Mol. Biol.* 42:205-225 (1991), the entirety of which is herein incorporated by reference; Vasil, *Plant Mol. Biol.* 25:925-937 (1994), the entirety of which is herein incorporated by reference). For example, electroporation has been used to transform maize protoplasts (Fromm *et al.*, *Nature* 312:791-793 (1986), the entirety of which is herein incorporated by reference).

Technology for introduction of DNA into cells is well known to those of skill in the art. Four general methods for delivering a gene into cells have been described: (1) chemical methods (Graham and van der Eb, *Virology*, 54:536-539 (1973), the entirety of which is herein incorporated by reference); (2) physical methods such as microinjection (Capecchi, *Cell* 22:479-488 (1980), electroporation (Wong and Neumann, *Biochem. Biophys. Res. Commun.*, 107:584-587 (1982); Fromm *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)*, 82:5824-5828 (1985); U.S. Patent No. 5,384,253; and the gene gun (Johnston and Tang, *Methods Cell Biol.* 43:353-365 (1994), all of which are herein incorporated by reference in their entirety; (3) viral vectors (Clapp, *Clin. Perinatol.*,

20:155-168 (1993); Lu *et al.*, *J. Exp. Med.*, 178:2089-2096 (1993); Eglitis and Anderson, *Biotechniques*, 6:608-614 (1988), all of which are herein incorporated by reference in their entirety); and (4) receptor-mediated mechanisms (Curiel *et al.*, *Hum. Gen. Ther.*, 3:147-154 (1992); Wagner *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 89:6099-6103 (1992), all of are herein incorporated by reference in their entirety).

Acceleration methods that may be used include, for example, microprojectile bombardment and the like. One example of a method for delivering transforming nucleic acid molecules to plant cells is microprojectile bombardment. This method has been reviewed by Yang and Christou, eds., *Particle Bombardment Technology for Gene Transfer*, Oxford Press, Oxford, England (1994), the entirety of which is herein incorporated by reference). Non-biological particles (microprojectiles) that may be coated with nucleic acids and delivered into cells by a propelling force. Exemplary particles include those comprised of tungsten, gold, platinum, and the like.

A particular advantage of microprojectile bombardment, in addition to it being an effective means of reproducibly, and stably transforming monocotyledons, is that neither the isolation of protoplasts (Cristou *et al.*, *Plant Physiol.* 87:671-674 (1988), the entirety of which is herein incorporated by reference) nor the susceptibility of *Agrobacterium* infection is required. An illustrative embodiment of a method for delivering DNA into maize cells by acceleration is a biolistics-particle delivery system, which can be used to propel particles coated with DNA through a screen, such as a stainless steel or Nytex screen, onto a filter surface covered with corn cells cultured in suspension. Gordon-Kamm *et al.*, describes the basic procedure for coating tungsten particles with DNA (Gordon-Kamm *et al.*, *Plant Cell* 2:603-618 (1990), the entirety of which is herein

incorporated by reference). The screen disperses the tungsten nucleic acid particles so that they are not delivered to the recipient cells in large aggregates. A particle delivery system suitable for use with the present invention is the helium acceleration PDS-1000/He gun which is available from Bio-Rad Laboratories (Bio-Rad, Hercules, California)(Sanford *et al.*, *Technique* 3:3-16 (1991), the entirety of which is herein incorporated by reference).

For the bombardment, cells in suspension may be concentrated on filters. Filters containing the cells to be bombarded are positioned at an appropriate distance below the microprojectile stopping plate. If desired, one or more screens are also positioned between the gun and the cells to be bombarded.

Alternatively, immature embryos or other target cells may be arranged on solid culture medium. The cells to be bombarded are positioned at an appropriate distance below the macroprojectile stopping plate. If desired, one or more screens are also positioned between the acceleration device and the cells to be bombarded. Through the use of techniques set forth herein one may obtain up to 1000 or more foci of cells transiently expressing a marker gene. The number of cells in a focus which express the exogenous gene product 48 hours post-bombardment often range from one to ten and average one to three.

In bombardment transformation, one may optimize the prebombardment culturing conditions and the bombardment parameters to yield the maximum numbers of stable transformants. Both the physical and biological parameters for bombardment are important in this technology. Physical factors are those that involve manipulating the DNA/microprojectile precipitate or those that affect the flight and velocity of either the

macro- or microprojectiles. Biological factors include all steps involved in manipulation of cells before and immediately after bombardment, the osmotic adjustment of target cells to help alleviate the trauma associated with bombardment, and also the nature of the transforming DNA, such as linearized DNA or intact supercoiled plasmids. It is believed that pre-bombardment manipulations are especially important for successful transformation of immature embryos.

In another alternative embodiment, plastids can be stably transformed. Methods disclosed for plastid transformation in higher plants include particle gun delivery of DNA containing a selectable marker and targeting of the DNA to the plastid genome through homologous recombination (Svab *et al. Proc. Natl. Acad. Sci. (U.S.A.)* 87:8526-8530 (1990); Svab and Maliga *Proc. Natl. Acad. Sci. (U.S.A.)* 90:913-917 (1993)); Staub, J. M. and Maliga, P. *EMBO J.* 12:601-606 (1993), U.S. Patents 5, 451,513 and 5,545,818, all of which are herein incorporated by reference in their entirety).

Accordingly, it is contemplated that one may wish to adjust various aspects of the bombardment parameters in small scale studies to fully optimize the conditions. One may particularly wish to adjust physical parameters such as gap distance, flight distance, tissue distance, and helium pressure. One may also minimize the trauma reduction factors by modifying conditions which influence the physiological state of the recipient cells and which may therefore influence transformation and integration efficiencies. For example, the osmotic state, tissue hydration and the subculture stage or cell cycle of the recipient cells may be adjusted for optimum transformation. The execution of other routine adjustments will be known to those of skill in the art in light of the present disclosure.

*Agrobacterium*-mediated transfer is a widely applicable system for introducing genes into plant cells because the DNA can be introduced into whole plant tissues, thereby bypassing the need for regeneration of an intact plant from a protoplast. The use of *Agrobacterium*-mediated plant integrating vectors to introduce DNA into plant cells is well known in the art. See, for example the methods described (Fraley *et al.*, *Biotechnology* 3:629-635 (1985); Rogers *et al.*, *Meth. In Enzymol.*, 153:253-277 (1987), both of which are herein incorporated by reference in their entirety. Further, the integration of the Ti-DNA is a relatively precise process resulting in few rearrangements. The region of DNA to be transferred is defined by the border sequences, and intervening DNA is usually inserted into the plant genome as described (Spielmann *et al.*, *Mol. Gen. Genet.*, 205:34 (1986), the entirety of which is herein incorporated by reference).

Modern *Agrobacterium* transformation vectors are capable of replication in *E. coli* as well as *Agrobacterium*, allowing for convenient manipulations as described (Klee *et al.*, *In: Plant DNA Infectious Agents*, T. Hohn and J. Schell, eds., Springer-Verlag, New York, pp. 179-203 (1985), the entirety of which is herein incorporated by reference. Moreover, recent technological advances in vectors for *Agrobacterium*-mediated gene transfer have improved the arrangement of genes and restriction sites in the vectors to facilitate construction of vectors capable of expressing various polypeptide coding genes. The vectors described have convenient multi-linker regions flanked by a promoter and a polyadenylation site for direct expression of inserted polypeptide coding genes and are suitable for present purposes (Rogers *et al.*, *Meth. In Enzymol.*, 153:253-277 (1987), the entirety of which is herein incorporated by reference). In addition, *Agrobacterium* containing both armed and disarmed Ti genes can be used for the transformations. In



those plant strains where *Agrobacterium*-mediated transformation is efficient, it is the method of choice because of the facile and defined nature of the gene transfer.

A transgenic plant formed using *Agrobacterium* transformation methods typically contains a single gene on one chromosome. Such transgenic plants can be referred to as being heterozygous for the added gene. More preferred is a transgenic plant that is homozygous for the added structural gene; *i.e.*, a transgenic plant that contains two added genes, one gene at the same locus on each chromosome of a chromosome pair. A homozygous transgenic plant can be obtained by sexually mating (selfing) an independent segregant transgenic plant that contains a single added gene, germinating some of the seed produced and analyzing the resulting plants produced for the gene of interest.

It is also to be understood that two different transgenic plants can also be mated to produce offspring that contain two independently segregating added, exogenous genes. Selfing of appropriate progeny can produce plants that are homozygous for both added, exogenous genes that encode a polypeptide of interest. Back-crossing to a parental plant and out-crossing with a non-transgenic plant are also contemplated, as is vegetative propagation.

Transformation of plant protoplasts can be achieved using methods based on calcium phosphate precipitation, polyethylene glycol treatment, electroporation, and combinations of these treatments. See for example (Potrykus *et al.*, *Mol. Gen. Genet.*, 205:193-200 (1986); Lorz *et al.*, *Mol. Gen. Genet.*, 199:178, (1985); Fromm *et al.*, *Nature*, 319:791,(1986); Uchimiya *et al.*, *Mol. Gen. Genet.*:204:204, (1986); Callis *et al.*, *Genes and Development*, 1183,(1987); Marcotte *et al.*, *Nature*, 335:454, (1988), all of which the entirety is herein incorporated by reference).

Application of these systems to different plant strains depends upon the ability to regenerate that particular plant strain from protoplasts. Illustrative methods for the regeneration of cereals from protoplasts are described (Fujimura *et al.*, *Plant Tissue Culture Letters*, 2:74,(1985); Toriyama *et al.*, *Theor Appl. Genet.* 205:34. (1986); Yamada *et al.*, *Plant Cell Rep.*, 4:85, (1986); Abdullah *et al.*, *Biotechnology*, 4:1087, (1986), all of which the entirety is herein incorporated by reference).

To transform plant strains that cannot be successfully regenerated from protoplasts, other ways to introduce DNA into intact cells or tissues can be utilized. For example, regeneration of cereals from immature embryos or explants can be effected as described (Vasil, *Biotechnology*, 6:397,(1988), the entirety of which is herein incorporated by reference). In addition, "particle gun" or high-velocity microprojectile technology can be utilized (Vasil *et al.*, *Bio/Technology* 10:667, (1992), the entirety of which is herein incorporated by reference).

Using the latter technology, DNA is carried through the cell wall and into the cytoplasm on the surface of small metal particles as described (Klein *et al.*, *Nature*, 328:70, (1987); Klein *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)*, 85:8502-8505, (1988); McCabe *et al.*, *Biotechnology*, 6:923, (1988), all of which the entirety is herein incorporated by reference). The metal particles penetrate through several layers of cells and thus allow the transformation of cells within tissue explants.

Other methods of cell transformation can also be used and include but are not limited to introduction of DNA into plants by direct DNA transfer into pollen (Zhou *et al.*, *Methods in Enzymology*, 101:433, (1983); Hess *et al.*, *Intern Rev. Cytol.*, 107:367, (1987); Luo *et al.*, *Plant Mol. Biol. Reporter*, 6:165, (1988), all of which the entirety is

herein incorporated by reference), by direct injection of DNA into reproductive organs of a plant (Pena et al., *Nature*, 325:274, (1987), the entirety of which is herein incorporated by reference), or by direct injection of DNA into the cells of immature embryos followed by the rehydration of dessicated embryos (Neuhaus *et al.*, *Theor. Appl. Genet.*, 75:30, (1987), the entirety of which is herein incorporated by reference).

The regeneration, development, and cultivation of plants from single plant protoplast transformants or from various transformed explants is well known in the art (Weissbach and Weissbach, *In: Methods for Plant Molecular Biology*, (Eds.), Academic Press, Inc., San Diego, CA, (1988), the entirety of which is herein incorporated by reference). This regeneration and growth process typically includes the steps of selection of transformed cells, culturing those individualized cells through the usual stages of embryonic development through the rooted plantlet stage. Transgenic embryos and seeds are similarly regenerated. The resulting transgenic rooted shoots are thereafter planted in an appropriate plant growth medium such as soil.

The development or regeneration of plants containing the foreign, exogenous gene that encodes a protein of interest is well known in the art. Preferably, the regenerated plants are self-pollinated to provide homozygous transgenic plants, as discussed before. Otherwise, pollen obtained from the regenerated plants is crossed to seed-grown plants of agronomically important lines. Conversely, pollen from plants of these important lines is used to pollinate regenerated plants. A transgenic plant of the present invention containing a desired polypeptide is cultivated using methods well known to one skilled in the art.

There are a variety of methods for the regeneration of plants from plant tissue. The particular method of regeneration will depend on the starting plant tissue and the particular plant species to be regenerated.

Methods for transforming dicots, primarily by use of *Agrobacterium tumefaciens*, and obtaining transgenic plants have been published for cotton (U.S. Patent No. 5,004,863, U.S. Patent No. 5,159,135, U.S. Patent No. 5,518,908, all of which the entirety is herein incorporated by reference); rice (U.S. Patent No. 5,569,834, U.S. Patent No. 5,416,011, McCabe *et al.*, *Biotechnology* 6:923, (1988), Christou *et al.*, *Plant Physiol.*, 87:671-674 (1988), all of which the entirety is herein incorporated by reference); *Brassica* ( U.S. Patent No. 5,463,174, the entirety of which is herein incorporated by reference); peanut (Cheng *et al.*, *Plant Cell Rep.* 15:653-657 (1996), McKently *et al.*, *Plant Cell Rep.* 14:699-703 (1995), all of which the entirety is herein incorporated by reference); papaya (Yang *et al.*, (1996), the entirety of which is herein incorporated by reference); pea (Grant *et al.*, *Plant Cell Rep.* 15:254-258, (1995), the entirety of which is herein incorporated by reference).

Transformation of monocotyledons using electroporation, particle bombardment, and *Agrobacterium* have also been reported. Transformation and plant regeneration have been achieved in asparagus (Bytebier *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 84:5345, (1987), the entirety of which is herein incorporated by reference); barley (Wan and Lemaux, *Plant Physiol* 104:37, (1994), the entirety of which is herein incorporated by reference); maize (Rhodes *et al.*, *Science* 240:204, (1988), Gordon-Kamm *et al.*, *Plant Cell*, 2:603, (1990), Fromm *et al.*, *Bio/Technology* 8:833, (1990), Koziel *et al.*, *Bio/Technology* 11:194, (1993), Armstrong *et al.*, *Crop Science* 35:550-557, (1995), all

of which the entirety is herein incorporated by reference); oat (Somers *et al.*, *Bio/Technology*, 10:1589, (1992), the entirety of which is herein incorporated by reference); orchardgrass (Horn *et al.*, *Plant Cell Rep.* 7:469, (1988), the entirety of which is herein incorporated by reference); rice (Toriyama *et al.*, *Theor Appl. Genet.* 205:34, (1986); Park *et al.*, *Plant Mol. Biol.*, 32:1135-1148, (1996); Abedinia *et al.*, *Aust. J. Plant Physiol.* 24:133-141, (1997); Zhang and Wu, *Theor. Appl. Genet.* 76:835, (1988); Zhang *et al.*, *Plant Cell Rep.* 7:379, (1988); Battraw and Hall, *Plant Sci.* 86:191-202, (1992); Christou *et al.*, *Bio/Technology* 9:957, (1991), all of which the entirety is herein incorporated by reference); sugarcane (Bower and Birch, *Plant J.* 2:409, (1992), the entirety of which is herein incorporated by reference); tall fescue (Wang *et al.*, *Bio/Technology* 10:691, (1992), the entirety of which is herein incorporated by reference), and wheat (Vasil *et al.*, *Bio/Technology* 10:667, (1992), the entirety of which is herein incorporated by reference; U.S. Patent No. 5,631,152, the entirety of which is herein incorporated by reference).

Assays for gene expression based on the transient expression of cloned nucleic acid constructs have been developed by introducing the nucleic acid molecules into plant cells by polyethylene glycol treatment, electroporation, or particle bombardment (Marcotte, *et al.*, *Nature*, 335:454-457 (1988), the entirety of which is herein incorporated by reference; Marcotte, *et al.*, *Plant Cell*, 1:523-532 (1989), the entirety of which is herein incorporated by reference; McCarty, *et al.*, *Cell* 66:895-905 (1991), the entirety of which is herein incorporated by reference; Hattori, *et al.*, *Genes Dev.* 6:609-618 (1992), the entirety of which is herein incorporated by reference; Goff, *et al.*, *EMBO J.* 9:2517-2522 (1990), the entirety of which is herein incorporated by reference). Transient

expression systems may be used to functionally dissect gene constructs (*See generally, Mailga et al., Methods in Plant Molecular Biology, Cold Spring Harbor Press (1995)*).

Any of the nucleic acid molecules of the present invention may be introduced into a plant cell in a permanent or transient manner in combination with other genetic elements such as vectors, promoters enhancers etc. Further any of the nucleic acid molecules of the present invention may be introduced into a plant cell in a manner that allows for over expression of the protein or fragment thereof encoded by the nucleic acid molecule.

Nucleic acid molecules of the present invention may be used in cosuppression. Cosuppression is the reduction in expression levels, usually at the level of RNA, of a particular endogenous gene or gene family by the expression of a homologous sense construct that is capable of transcribing mRNA of the same strandedness as the transcript of the endogenous gene (Napoli *et al.*, *Plant Cell* 2:279-289 (1990), the entirety of which is herein incorporated by reference; van der Krol *et al.*, *Plant Cell* 2:291-299 (1990), the entirety of which is herein incorporated by reference). Cosuppression may result from stable transformation with a single copy nucleic acid molecule that is homologous to a nucleic acid sequence found with the cell (Proll and Meyer, *Plant J.* 2:465-475 (1992), the entirety of which is herein incorporated by reference) or with multiple copies of a nucleic acid molecule that is homologous to a nucleic acid sequence found with the cell (Mittlesten *et al.*, *Mol. Gen. Genet.* 244: 325-330 (1994), the entirety of which is herein incorporated by reference). Genes, even though different, linked to homologous promoters may result in the cosuppression of the linked genes (Vaucheret, *C.R. Acad. Sci. III* 316: 1471-1483 (1993), the entirety of which is herein incorporated by reference).

This technique has, for example been applied to generate white flowers from red petunia and tomatoes that do not ripen on the vine. Up to 50% of petunia transformants that contained a sense copy of the chalcone synthase (CHS) gene produced white flowers or floral sectors; this was as a result of the post-transcriptional loss of mRNA encoding CHS (Flavell, *Proc. Natl. Acad. Sci. (U.S.A.)* 91:3490-3496 (1994)), the entirety of which is herein incorporated by reference). Cosuppression may require the coordinate transcription of the transgene and the endogenous gene, and can be reset by a developmental control mechanism (Jorgensen, *Trends Biotechnol.* 8:340344 (1990), the entirety of which is herein incorporated by reference; Meins and Kunz, In: *Gene Inactivation and Homologous Recombination in Plants* (Paszkowski, J., ed.), pp. 335-348. Kluwer Academic, Netherlands (1994), the entirety of which is herein incorporated by reference).

It is understood that one or more of the nucleic acids of the present invention comprising SEQ ID NO:1 or complement thereof through SEQ ID NO: 82359 or complement thereof or fragment thereof or other nucleic acid molecules of the present invention, may be introduced into a plant cell and transcribed using an appropriate promoter with such transcription resulting in the co-suppression of an endogenous protein.

Nucleic acid molecules of the present invention may be used to reduce gene function. Antisense approaches are a way of preventing or reducing gene function by targeting the genetic material (Mol *et al.*, *FEBS Lett.* 268:427-430 (1990), the entirety of which is herein incorporated by reference). The objective of the antisense approach is to use a sequence complementary to the target gene to block its expression and create a

mutant cell line or organism in which the level of a single chosen protein is selectively reduced or abolished. Antisense techniques have several advantages over other 'reverse genetic' approaches. The site of inactivation and its developmental effect can be manipulated by the choice of promoter for antisense genes or by the timing of external application or microinjection. Antisense can manipulate its specificity by selecting either unique regions of the target gene or regions where it shares homology to other related genes (Hiatt *et al.*, *In Genetic Engineering*, Setlow (ed.), Vol. 11, New York: Plenum 49-63 (1989), the entirety of which is herein incorporated by reference).

The principle of regulation by antisense RNA is that RNA that is complementary to the target mRNA is introduced into cells, resulting in specific RNA:RNA duplexes being formed by base pairing between the antisense substrate and the target mRNA (Green *et al.*, *Annu. Rev. Biochem.* 55:569-597 (1986), the entirety of which is herein incorporated by reference). Under one embodiment, the process involves the introduction and expression of an antisense gene sequence. Such a sequence is one in which part or all of the normal gene sequences are placed under a promoter in inverted orientation so that the 'wrong' or complementary strand is transcribed into a noncoding antisense RNA that hybridizes with the target mRNA and interferes with its expression (Takayama and Inouye, *Crit. Rev. Biochem. Mol. Biol.* 25:155-184 (1990), the entirety of which is herein incorporated by reference). An antisense vector is constructed by standard procedures and introduced into cells by transformation, transfection, electroporation, microinjection, or by infection, etc. The type of transformation and choice of vector will determine whether expression is transient or stable. The promoter used for the antisense gene may influence the level, timing, tissue, specificity, or inducibility of the antisense inhibition.



It is understood that protein synthesis activity in a plant cell may be reduced or depressed by growing a transformed plant cell containing a nucleic acid molecule of the present invention.

Antibodies have been expressed in plants (Hiatt *et al.*, *Nature* 342:76-78 (1989), the entirety of which is herein incorporated by reference; Conrad and Fielder, *Plant Mol. Biol.* 26:1023-1030 (1994), the entirety of which is herein incorporated by reference). Cytoplasmic expression of a scFv (single-chain Fv antibodies) has been reported to delay infection by artichoke mottled crinkle virus. Transgenic plants that express antibodies directed against endogenous proteins may exhibit a physiological effect (Philips *et al.*, *EMBO J.* 16:4489-4496 (1997), the entirety of which is herein incorporated by reference; Marion-Poll, *Trends in Plant Science* 2:447-448 (1997), the entirety of which is herein incorporated by reference). For example, expressed anti-abscisic antibodies reportedly result in a general perturbation of seed development (Philips *et al.*, *EMBO J.* 16:4489-4496 (1997)).

Nucleic acid molecules of the present invention may be used as antibodies. Antibodies that are catalytic may also be expressed in plants (abzymes). The principle behind abzymes is that since antibodies may be raised against many molecules, this recognition ability can be directed toward generating antibodies that bind transition states to force a chemical reaction forward (Persidas, *Nature Biotechnology* 15:1313-1315 (1997), the entirety of which is herein incorporated by reference; Baca *et al.*, *Ann. Rev. Biophys. Biomol. Struct.* 26:461-493 (1997), the entirety of which is herein incorporated by reference). The catalytic abilities of abzymes may be enhanced by site directed mutagenesis. Examples of abzymes are, for example, set forth in U.S. Patent No:

5,658,753; U.S. Patent No. 5,632,990; U.S. Patent No. 5,631,137; U.S. Patent 5,602,015; U.S. Patent No. 5,559,538; U.S. Patent No. 5,576,174; U.S. Patent No. 5,500,358; U.S. Patent 5,318,897; U.S. Patent No. 5,298,409; U.S. Patent No. 5,258,289 and U.S. Patent No. 5,194,585, all of which are herein incorporated in their entirety.

It is understood that any of the antibodies of the present invention may be expressed in plants and that such expression can result in a physiological effect. It is also understood that any of the expressed antibodies may be catalytic.

In addition to the above discussed procedures, practitioners are familiar with the standard resource materials which describe specific conditions and procedures for the construction, manipulation and isolation of macromolecules (*e.g.*, DNA molecules, plasmids, etc.), generation of recombinant organisms and the screening and isolating of clones, (see for example, Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, Cold Spring Harbor Press (1989); Mailga *et al.*, *Methods in Plant Molecular Biology*, Cold Spring Harbor Press (1995), the entirety of which is herein incorporated by reference; Birren *et al.*, *Genome Analysis: Analyzing DNA*, 1, Cold Spring Harbor, New York (1998), the entirety of which is herein incorporated by reference).

The nucleotide sequence provided in SEQ ID NO:1, through SEQ ID NO: 82359 or fragment thereof, or complement thereof, or a nucleotide sequence at least 90% identical, preferably 95%, identical even more preferably 99% or 100% identical to the sequence provided in SEQ ID NO:1 through SEQ ID NO: 82359 or fragment thereof, or complement thereof, can be "provided" in a variety of mediums to facilitate use fragment thereof. Such a medium can also provide a subset thereof in a form that allows a skilled artisan to examine the sequences.

In one application of this embodiment, a nucleotide sequence of the present invention can be recorded on computer readable media. As used herein, "computer readable media" refers to any medium that can be read and accessed directly by a computer. Such media include, but are not limited to: magnetic storage media, such as floppy discs, hard disc, storage medium, and magnetic tape; optical storage media such as CD-ROM; electrical storage media such as RAM and ROM; and hybrids of these categories such as magnetic/optical storage media. A skilled artisan can readily appreciate how any of the presently known computer readable mediums can be used to create a manufacture comprising computer readable medium having recorded thereon a nucleotide sequence of the present invention.

As used herein, "recorded" refers to a process for storing information on computer readable medium. A skilled artisan can readily adopt any of the presently known methods for recording information on computer readable medium to generate media comprising the nucleotide sequence information of the present invention. A variety of data storage structures are available to a skilled artisan for creating a computer readable medium having recorded thereon a nucleotide sequence of the present invention. The choice of the data storage structure will generally be based on the means chosen to access the stored information. In addition, a variety of data processor programs and formats can be used to store the nucleotide sequence information of the present invention on computer readable medium. The sequence information can be represented in a word processing text file, formatted in commercially-available software such as WordPerfect and Microsoft Word, or represented in the form of an ASCII file, stored in a database application, such as DB2, Sybase, Oracle, or the like. A skilled artisan can readily adapt any number of data

processor structuring formats (*e.g.*, text file or database) in order to obtain computer readable medium having recorded thereon the nucleotide sequence information of the present invention.

By providing one or more of nucleotide sequences of the present invention, a skilled artisan can routinely access the sequence information for a variety of purposes. Computer software is publicly available which allows a skilled artisan to access sequence information provided in a computer readable medium. The examples which follow demonstrate how software which implements the BLAST (Altschul *et al.*, *J. Mol. Biol.* 215:403-410 (1990)) and BLAZE (Brutlag *et al.*, *Comp. Chem.* 17:203-207 (1993), the entirety of which is herein incorporated by reference) search algorithms on a Sybase system can be used to identify open reading frames (ORFs) within the genome that contain homology to ORFs or proteins from other organisms. Such ORFs are protein-encoding fragments within the sequences of the present invention and are useful in producing commercially important proteins such as enzymes used in amino acid biosynthesis, metabolism, transcription, translation, RNA processing, nucleic acid and a protein degradation, protein modification, and DNA replication, restriction, modification, recombination, and repair.

The present invention further provides systems, particularly computer-based systems, which contain the sequence information described herein. Such systems are designed to identify commercially important fragments of the nucleic acid molecule of the present invention. As used herein, "a computer-based system" refers to the hardware means, software means, and data storage means used to analyze the nucleotide sequence information of the present invention. The minimum hardware means of the computer-

based systems of the present invention comprises a central processing unit (CPU), input means, output means, and data storage means. A skilled artisan can readily appreciate that any one of the currently available computer-based system are suitable for use in the present invention.

As indicated above, the computer-based systems of the present invention comprise a data storage means having stored therein a nucleotide sequence of the present invention and the necessary hardware means and software means for supporting and implementing a search means. As used herein, "data storage means" refers to memory that can store nucleotide sequence information of the present invention, or a memory access means which can access manufactures having recorded thereon the nucleotide sequence information of the present invention. As used herein, "search means" refers to one or more programs which are implemented on the computer-based system to compare a target sequence or target structural motif with the sequence information stored within the data storage means. Search means are used to identify fragments or regions of the sequence of the present invention that match a particular target sequence or target motif. A variety of known algorithms are disclosed publicly and a variety of commercially available software for conducting search means are available and can be used in the computer-based systems of the present invention. Examples of such software include, but are not limited to, MacPattern (EMBL), BLASTIN and BLASTIX (NCBIA). One of the available algorithms or implementing software packages for conducting homology searches can be adapted for use in the present computer-based systems.

The most preferred sequence length of a target sequence is from about 10 to 100 amino acids or from about 30 to 300 nucleotide residues. However, it is well recognized

that during searches for commercially important fragments of the nucleic acid molecules of the present invention, such as sequence fragments involved in gene expression and protein processing, may be of shorter length.

As used herein, “a target structural motif,” or “target motif,” refers to any rationally selected sequence or combination of sequences in which the sequence(s) are chosen based on a three-dimensional configuration which is formed upon the folding of the target motif. There are a variety of target motifs known in the art. Protein target motifs include, but are not limited to, enzymatic active sites and signal sequences. Nucleic acid target motifs include, but are not limited to, promoter sequences, *cis* elements, hairpin structures and inducible expression elements (protein binding sequences).

Thus, the present invention further provides an input means for receiving a target sequence, a data storage means for storing the target sequences of the present invention sequence identified using a search means as described above, and an output means for outputting the identified homologous sequences. A variety of structural formats for the input and output means can be used to input and output information in the computer-based systems of the present invention. A preferred format for an output means ranks fragments of the sequence of the present invention by varying degrees of homology to the target sequence or target motif. Such presentation provides a skilled artisan with a ranking of sequences which contain various amounts of the target sequence or target motif and identifies the degree of homology contained in the identified fragment.

A variety of comparing means can be used to compare a target sequence or target motif with the data storage means to identify sequence fragments sequence of the present

invention. For example, implementing software which implement the BLAST and BLAZE algorithms (Altschul *et al.*, *J. Mol. Biol.* 215:403-410 (1990)) can be used to identify open frames within the nucleic acid molecules of the present invention. A skilled artisan can readily recognize that any one of the publicly available homology search programs can be used as the search means for the computer-based systems of the present invention.

Having now generally described the invention, the same will be more readily understood through reference to the following examples which are provided by way of illustration, and are not intended to be limiting of the present invention, unless specified.

### Example 1

BACs are stable, non-chimeric cloning systems having genomic fragment inserts (100-300 kb) and their DNA can be prepared for most types of experiments including DNA sequencing. BAC vector, pBeloBAC11, is derived from the endogenous *E. coli* F-factor plasmid, which contains genes for strict copy number control and unidirectional origin of DNA replication. Additionally, pBeloBAC11 has three unique restriction enzyme sites (*Hind* III, *Bam* HI and *Sph* I) located within the *LacZ* gene which can be used as cloning sites for megabase-size plant DNA. Indigo, another BAC vector contains *Hind* III and *Eco* RI cloning sites. This vector also contains a random mutation in the *LacZ* gene that allows for darker blue colonies.

As an alternative, the P1-derived artificial chromosome (PAC) can be used as a large DNA fragment cloning vector (Ioannou, *et al.*, *Nature Genet.* 6:84-89 (1994), the entirety of which is herein incorporated by reference; Suzuki, *et al.*, *Gene* 199:133-137

(1997), the entirety of which is herein incorporated by reference). The PAC vector has most of the features of the BAC system, but also contains some of the elements of the bacteriophage P1 cloning system.

BAC libraries are generated by ligating size-selected restriction digested DNA with pBeloBAC11 followed by electroporation into *E. coli*. BAC library construction and characterization is extremely efficient when compared to YAC (yeast artificial chromosome) library construction and analysis, particularly because of the chimerism associated with YACs and difficulties associated with extracting YAC DNA.

There are general methods for preparing megabase-size DNA from plants. For example, the protoplast method yields megabase-size DNA of high quality with minimal breakage. The process involves preparing young leaves which are manually feathered with a razor-blade before being incubated for four to five hours with cell-wall-degrading enzymes. The second method developed by Zhange *et al.*, *Plant J.* 7:175-184 (1995), the entirety of which is herein incorporated by reference, is a universal nuclei method that works well for several divergent plant taxa. Fresh or frozen tissue is homogenized with a blender or mortar and pestle. Nuclei are then isolated and embedded. DNA is prepared by the nucleic method often more concentrated and is reported to contain lower amounts of chloroplast DNA than the protoplast method.

Once protoplasts or nuclei are produced, they are embedded in an agarose matrix as plugs or microbeads. The agarose provides a support matrix to prevent shearing of the DNA while allowing enzymes and buffers to diffuse into the DNA. The DNA is purified and manipulated in the agarose and is stable for more than one year at 4°C.



Once high molecular weight DNA has been prepared, it is fragmented to the desired size range. In general, DNA fragmentation utilizes two general approaches, 1) physical shearing and 2) partial digestion with a restriction enzyme that cuts relatively frequently within the genome. Since physical shearing is not dependent upon the frequency and distribution of particular restriction enzymes sites, this method should yield the most random distribution of DNA fragments. However, the ends of the sheared DNA fragments must be repaired and cloned directly or restriction enzyme sites added by the addition of synthetic linkers. Because of the subsequent steps required to clone DNA fragmented by shearing, most protocols fragment DNA by partial restriction enzyme digestion. The advantage of partial restriction enzyme digestion is that no further enzymatic modification of the ends of the restriction fragments are necessary. Four common techniques that can be used to achieve reproducible partial digestion of megabase-size DNA are 1) varying the concentration of the restriction enzyme, 2) varying the time of incubation with the restriction enzyme 3) varying the concentration of an enzyme cofactor (*e.g.*,  $Mg^{2+}$ ) and 4) varying the ratio of endonuclease to methylase.

There are three cloning sites in pBeloBAC11, but only *Hind* III and *Bam* HI produce 5' overhangs for easy vector dephosphorylation. These two restriction enzymes are primarily used to construct BAC libraries. The optimal partial digestion conditions for megabase-size DNA are determined by wide and narrow window digestions. To optimize the optimum amount of *Hind* III, 1, 2, 3, 10, and 5- units of enzyme are each added to 50 ml aliquots of microbeads and incubated at 37 °C for 20 minutes.

After partial digestion of megabase-size DNA, the DNA is run on a pulsed-field gel, and DNA in a size range of 100-500 kb is excised from the gel. This DNA is ligated

to the BAC vector or subjected to a second size selection on a pulsed field gel under different running conditions. Studies have previously reported that two rounds of size selection can eliminate small DNA fragments co-migrating with the selected range in the first pulse-field fractionation. Such a strategy results in an increase in insert sizes and a more uniform insert size distribution. A practical approach to performing size selections is to first test for the number of clones/microliter of ligation and insert size from the first size selected material. If the numbers are good (500 to 2000 white colony/microliter of ligation) and the size range is also good (50 to 300 kb) then a second size selection is practical. When performing a second size selection one expects a 80 to 95% decrease in the number of recombinant clones per transformation.

Twenty to two hundred nanograms of the size-selected DNA is ligated to dephosphorylated BAC vector (molar ratio of 10 to 1 in BAC vector excess). Most BAC libraries use a molar ratio of 5 to 15 : 1 (size selected DNA:BAC vector).

Transformation is carried out by electroporation and the transformation efficiency for BACs is about 40 to 1,500 transformants from one microliter of ligation product or 20 to 1000 transformants/ng DNA.

Several tests can be carried out to determine the quality of a BAC library. Three basic tests to evaluate the quality include: the genome coverage of a BAC library-average insert size, average number of clones hybridizing with single copy probes and chloroplast DNA content.

The determination of the average insert size of the library is assessed in two ways. First, during library construction every ligation is tested to determine the average insert size by assaying 20-50 BAC clones per ligation. DNA is isolated from recombinant

clones using a standard mini preparation protocol, digested with *Not* I to free the insert from the BAC vector and then sized using pulsed field gel electrophoresis (Maule, *Molecular Biotechnology* 9:107-126 (1998), the entirety of which is herein incorporated by reference).

To determine the genome coverage of the library, it is screened with single copy RFLP markers distributed randomly across the genome by hybridization. Microtiter plates containing BAC clones are spotted onto Hybond membranes. Bacteria from 48 or 72 plates are spotted twice onto one membrane resulting in 18,000 to 27,648 unique clones on each membrane in either a 4X4 or 5X5 orientation. Since each clone is present twice, false positives are easily eliminated and true positives are easily recognized and identified.

Finally, the chloroplast DNA content in the BAC library is estimated by hybridizing three chloroplast genes spaced evenly across the chloroplast genome to the library on high density hybridization filters.

There are strategies for isolating rare sequences within the genome. For example, higher plant genomes can range in size from 100 Mb/1C (*Arabidopsis*) to 15,966 Mb/C (*Triticum aestivum*), (Arumuganathan and Earle, *Plant Mol Bio Rep.* 9:208-219 (1991), the entirety of which is herein incorporated by reference). The number of clones required to achieve a given probability that any DNA sequence will be represented in a genomic library is  $N = (\ln(1-P))/(\ln(1-L/G))$  where N is the number of clones required, P is the probability desired to get the target sequence, L is the length of the average clone insert in base pairs and G is the haploid genome length in base pairs (Clarke *et al.*, *Cell* 9:91-100 (1976) the entirety of which is herein incorporated by reference).

The maize BAC library of the present invention is constructed in the pBeloBAC11 or similar vector. Inserts are generated by partial *Eco* RI or other enzymatic digestion of DNA from the cultivar A3244. The library provides approximately twenty fold coverage of the maize genome.

### Example 2

Two basic methods can be used for DNA sequencing, the chain termination method of Sanger *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 74:5463-5467 (1977), the entirety of which is herein incorporated by reference and the chemical degradation method of Maxam and Gilbert, *Proc. Natl. Acad. Sci.(U.S.A.)* 74:560-564 (1977), the entirety of which is herein incorporated by reference. Automation and advances in technology such as the replacement of radioisotopes with fluorescence-based sequencing have reduced the effort required to sequence DNA (Craxton, *Methods*, 2:20-26 (1991), the entirety of which is herein incorporated by reference; Ju *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 92:4347-4351 (1995), the entirety of which is herein incorporated by reference; Tabor and Richardson, *Proc. Natl. Acad. Sci.(U.S.A.)* 92:6339-6343 (1995), the entirety of which is herein incorporated by reference). Automated sequencers are available from, for example, Pharmacia Biotech, Inc., Piscataway, New Jersey (Pharmacia ALF), LI-COR, Inc., Lincoln, Nebraska (LI-COR 4,000) and Millipore, Bedford, Massachusetts (Millipore BaseStation).

In addition, advances in capillary gel electrophoresis have also reduced the effort required to sequence DNA and such advances provide a rapid high resolution approach for sequencing DNA samples (Swerdlow and Gesteland, *Nucleic Acids Res.* 18:1415-

1419 (1990); Smith, *Nature* 349:812-813 (1991); Luckey *et al.*, *Methods Enzymol.* 218:154-172 (1993); Lu *et al.*, *J. Chromatog. A.* 680:497-501 (1994); Carson *et al.*, *Anal. Chem.* 65:3219-3226 (1993); Huang *et al.*, *Anal. Chem.* 64:2149-2154 (1992); Kheterpal *et al.*, *Electrophoresis* 17:1852-1859 (1996); Quesada and Zhang, *Electrophoresis* 17:1841-1851 (1996); Baba, *Yakugaku Zasshi* 117:265-281 (1997), all of which are herein incorporated by reference in their entirety).

A number of sequencing techniques are known in the art, including fluorescence-based sequencing methodologies. These methods have the detection, automation and instrumentation capability necessary for the analysis of large volumes of sequence data. Currently, the 377 DNA Sequencer (Perkin-Elmer Corp., Applied Biosystems Div., Foster City, CA) allows the most rapid electrophoresis and data collection. With these types of automated systems, fluorescent dye-labeled sequence reaction products are detected and data entered directly into the computer, producing a chromatogram that is subsequently viewed, stored, and analyzed using the corresponding software programs. These methods are known to those of skill in the art and have been described and reviewed (Birren *et al.*, *Genome Analysis: Analyzing DNA*,<sup>1</sup>, Cold Spring Harbor, New York, the entirety of which is herein incorporated by reference).

We claim:

1. A substantially purified nucleic acid molecule, said nucleic acid molecule capable of specifically hybridizing to a second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complement or fragment of either.
2. The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule comprises a microsatellite sequence.
3. The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule comprises a region having a single nucleotide polymorphism.
4. The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule comprises a nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complement thereof or fragment of either.
5. The substantially purified nucleic acid molecule according to claim 4, wherein said nucleic acid molecule further comprises a bacterial ORI site.
6. The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule has a promoter or partial promoter region.
7. The substantially purified nucleic acid molecule according to claim 6, wherein said promoter region comprises a CAAT *cis* element and a TATA *cis* element and an additional *cis* element.

~~8.~~ A substantially purified nucleic acid molecule comprising a nucleic acid molecule or fragment thereof having a pair of defined ends, wherein said pair of defined ends are selected from the defined ends in Table A.

9. The substantially purified nucleic acid molecule according to claim 8, wherein said molecule comprises a nucleic acid molecule having one or two of said defined ends.

10. The substantially purified nucleic acid molecule according to claim 9, wherein said molecule comprises a nucleic acid molecule having two of said defined ends.

~~11.~~ A transformed plant having a nucleic acid molecule which comprises:

- (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; which is linked to
- (B) a structural nucleic acid molecule, wherein said structural nucleic acid molecule is selected from the group consisting of SEQ ID NO:1 through SEQ ID NO: 82359 or complements thereof or fragment of either; which is linked to
- (C) a 3' non-translated sequence that functions in a plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of said mRNA molecule.

12. The transformed plant according to claim 11, wherein said structural nucleic acid molecule is in the antisense orientation.

13. The transformed plant according to claim 11, wherein said plant is a dicot.

14. The transformed plant according to claim 11, wherein said plant is a monocot.

15. The transformed plant according to claim 11, wherein said plant is a maize plant.

~~16.~~ A method for screening for a trait comprising interrogating genomic DNA for the presence or absence of a marker molecule that is genetically linked to a nucleic acid sequence complementary to a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 82359 or complements thereof or fragment of either; and detecting said presence or absence of said marker.

17. The method for screening for enhanced yield according to claim 16, wherein said marker molecule is a microsatellite marker.

18. The method for screening for enhanced yield according to claim 16, wherein said marker molecule is a single nucleotide polymorphic marker.

19. The method for screening for enhanced yield according to claim 16, wherein said detecting of said presence or absence of said marker is detected by a detection method selected from the group consisting of AFLP, RFLP, RAPD, SNP and microsatellite analysis.



Abstract

The present invention is in the field of plant genetics. More specifically the invention relates to nucleic acid molecules and nucleic acid molecules that contain markers, in particular, single nucleotide polymorphism (SNP) and repetitive element markers. In addition, the present invention provides nucleic acid molecules having regulatory elements or encoding proteins or fragments thereof. The invention also relates to proteins and fragments of proteins so encoded and antibodies capable of binding the proteins. The invention also relates to methods of using the nucleic acid molecules, markers, repetitive elements and fragments of repetitive elements, regulatory elements, proteins and fragments of proteins.